







SCHEDULE OF IRON AND CEMENT-LINED PIPE AND GATES.—*Concluded.*

STREETS.	LENGTH AND SIZE OF CEMENT-LINED PIPE IN FEET.										LENGTH AND SIZE OF IRON PIPE IN FEET.										NUMBER AND SIZE OF GATES.									
	18-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	24-in.	20-in.	18-in.	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.			
Brick Conduit.																														
Penacook.....																														
Rolfe.....																														
Spring.....					652																									
Stark.....				529																										
Summer.....					1203																									
Union.....							276																							
Washington.....																														
Winter.....																														
Hydrant branches..																														
Blow-offs.....																														
Totals.....	2220	11403	29920	13198	4766	23020	48020	45577	522	9887	1915	2788	5089	3597	6553	4557	34651	26969	6	14	12	4	30	24	35	37	299	203		

FIRE-HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.
North Main.	South-west corner North Main and Penacook. ....	1	
"	East side North Main, near J. B. Walker's .....	1	
"	Junction North Main and Fiske.....	1	
"	East side North Main, near Larkin's store.....	1	
"	North-west corner North Main and Franklin.....	1	
"	East side North Main, opposite Pearl.....	1	
"	North-west corner North Main and Washington.....	1	
"	West side North Main, opposite Historical Society rooms.....	1	
"	East side North Main, opposite Chapel.....	1	
"	North-west corner North Main and Court.....	1	
"	North-west corner North Main and Pitman.....	1	
"	North-west corner North Main and Montgomery.....	1	
"	East side North Main, opposite Montgomery.....	1	
"	North-west corner North Main and Centre.....	1	
"	South-east corner North Main and Bridge.....	1	
"	South-west corner North Main and Park.....	1	
"	East side North Main, opposite Park.....	1	
"	North-west corner North Main and Capitol.....	1	
"	North-west corner North Main and School.....	1	
"	West side North Main, at Centennial block.....	1	
"	East side North Main, opposite Centennial block.....	1	
"	East side North Main, in rear Eagle Hotel.....	1	
"	East side North Main, in rear Woodward block.....	1	
"	North-west corner North Main and Warren.....	1	
"	West side North Main, at Central block.....	1	
"	South-east corner North Main and Depot.....	1	
"	North-west corner North Main and Pleasant.....	1	27
South Main.	South-east corner South Main and Pleasant.....	1	
"	North-east corner South Main and Freight.....	1	
"	East side South Main, opposite Fayette.....	1	
"	East side South Main, opposite Thompson.....	1	
"	South-east corner South Main and Chandler.....	1	
"	North-west corner South Main and Wentworth avenue.....	1	
"	North-west corner South Main and Thorndike.....	1	
"	East side South Main, opposite St. John's church.....	1	
"	North-west corner South Main and Perley.....	1	
"	West side South Main, near Abbot-Downing Co.'s.....	1	
"	East side South Main, opposite Abbot-Downing Co.'s.....	1	
"	North-west corner South Main and West.....	1	12
Turnpike.	East side Turnpike, near West.....	1	
"	West side Turnpike, opposite Gas.....	1	
"	West side Turnpike, near J. B. Weeks's.....	1	
"	West side Turnpike, at J. H. Lamprey's.....	1	
"	West side Turnpike, at W. J. Sawyer's.....	1	5
Water.	West side Water, near Capt. James Thompson's.....	1	
Hall.	West side Hall, below Rolfe and Rumford Asylum.....	1	1
Hammond	North side Hammond, rear Bridge.....	1	1
Fiske.	West side Fiske, near North State.....	1	1
Summer.	North-east corner Summer and Pitman.....	1	1
Durgin.	West side Durgin, near Toof's laundry.....	1	1
North State.	South-west corner North State and Penacook.....	1	
"	North-west corner North State and Walker.....	1	
"	North-west corner North State and Church.....	1	
"	North-west corner North State and Tremont.....	1	
"	North-east corner North State and Washington.....	1	
"	West side North State, opposite Court.....	1	
"	North-west corner North State and Maple.....	1	
"	North-east corner North State and Centre.....	1	
"	East side North State, opposite government building.....	1	
"	South-west corner North State and School.....	1	
"	North-west corner North State and Warren.....	1	
"	North-west corner North State and Pleasant.....	1	12
South State.	East side South State, opposite Wall.....	1	
"	North-west corner South State and Thompson.....	1	
"	South-west corner South State and Monroe.....	1	
"	East side South State, opposite Laurel.....	1	

## FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number	Total.
South State.	South-east corner South State and Downing.....	1	
"	North-east corner South State and West.....	1	
"	Junction of South State and Turnpike.....	1	7
Mills.	South-east corner Mills and Downing.....	1	
"	West side Mills, near Levi Call's.....	1	2
Dakin.	West side Dakin, near C. E. Harriman's.....	1	1
Dunklee.	North-west corner Dunklee and Pillsbury.....	1	1
Broadway.	West side Broadway, near precinct line.....	1	1
Green.	North-west corner Green and Prince.....	1	
"	East side Green, opposite Prince.....	1	2
South.	West side South, opposite Wall.....	1	
"	North-west corner South and Thompson.....	1	
"	West side South, opposite Monroe.....	1	
"	West side South, opposite Laurel.....	1	
"	West side South, opposite Downing.....	1	
"	West side South, opposite Allison.....	1	
"	West side South, near Abbot farm.....	1	
"	West side South, opposite Smith farm.....	1	8
Bradley.	South-west corner Bradley and Penacook.....	1	
"	West side Bradley, opposite Walker.....	1	
"	East side Bradley, opposite Highland.....	1	3
Union.	North-west corner Union and Maple.....	1	1
Lyndon.	South-west corner Lyndon and Tremont.....	1	1
No. Spring.	South-west corner North Spring and Centre.....	1	1
So. Spring.	South-west corner South Spring and Oak.....	1	
"	West side South Spring, opposite Concord.....	1	
"	West side South Spring, opposite Perley proposed extension.....	1	3
Rumford.	West side Rumford, opposite Perkins.....	1	
"	North-east corner Rumford and Franklin.....	1	
"	West side Rumford, opposite Beacon.....	1	
"	North-east corner Rumford and Abbot.....	1	
"	North-east corner Rumford and Cambridge.....	1	
"	North-east corner Rumford and School.....	1	6
Tahanto.	North-west corner Tahanto and School.....	1	1
Pine	South-west corner Pine and Centre.....	1	1
High.	North-west corner High and Auburn.....	1	
"	East side High, opposite Forest.....	1	
"	South-west corner High and Franklin.....	1	3
Giles	South-east corner Giles and School.....	1	1
Fruit.	North-east corner Fruit and Clinton.....	1	
"	East side Fruit, opposite Wm. W. Critchett's.....	1	
"	North-west corner Fruit and Woodman.....	1	3
Minot.	West side Minot, near Odd Fellows' Home.....	1	1
Penacook.	South-west corner Penacook and Rumford.....	1	
"	South-east corner Penacook and Columbus avenue.....	1	
"	South side Penacook, near P. B. Co.'s bark house.....	1	
"	South side Penacook, near P. B. Co.'s office.....	1	
"	South-east corner Penacook and North Main.....	1	5
Highland.	North-east corner Highland and Rumford.....	1	1
Church.	North side Church, opposite Lyndon.....	1	
"	North-east corner Church and Rumford.....	1	2
Franklin.	North-west corner Franklin and Jackson.....	1	
"	South-west corner Franklin and Rumford.....	1	
"	South side Franklin, opposite W. J. Ahern's.....	1	
"	North-east corner Franklin and Auburn.....	1	4
Beacon.	North-west corner Beacon and Jackson.....	1	1
Blanchard.	North-west corner Blanchard and Essex.....	1	1
Ferry	North side Ferry, east of C. & M. Railroad.....	1	1
Washington.	South-west corner Washington and Union.....	1	
"	North-west corner Washington and Rumford.....	1	
"	North side Washington, opposite Perry avenue.....	1	3
Valley.	North side Valley, opposite Forrest.....	1	1
Auburn.	North-west corner Auburn and Forrest.....	1	1
Centre.	North-east corner Centre and North State.....	1	
"	South-west corner Centre and Green.....	1	
"	North-west corner Centre and Union.....	1	

FIRE-HYDRANTS.—Continued.

STREETS.	LOCATIONS.	Number.	Total.
Centre.	North-west corner Centre and North Spring . . . . .	1	
"	North-west corner Centre and Rumford. . . . .	1	
"	South side Centre opposite Essex. . . . .	1	
"	South-west corner Centre and Summit avenue. . . . .	1	7
Bridge.	South side Bridge, near easterly barn. . . . .	1	1
Capitol.	North-east corner Capitol and North State. . . . .	1	1
School.	North-west corner School and Green. . . . .	1	
"	North-west corner School and North Spring. . . . .	1	
"	North-west corner School and Merrimack. . . . .	1	
"	North side School, near city storehouse. . . . .	1	
"	North side School, near W. S. Brooks's. . . . .	1	5
Depot.	North-west corner Depot and Railroad square. . . . .	1	1
Warren.	North-west corner Warren and Green. . . . .	1	
"	North-west corner Warren and North Spring. . . . .	1	
"	North-west corner Warren and Rumford. . . . .	1	
"	South-west corner Warren and Merrimack. . . . .	1	
"	North-west corner Warren and Tahanto. . . . .	1	
"	South-east corner Warren and Liberty. . . . .	1	
"	Junction Warren and Pleasant, near Fruit. . . . .	1	7
Pleasant.	North-west corner Pleasant and Railroad Square. . . . .	1	
"	North-west corner Pleasant and Green. . . . .	1	
"	North-west corner Pleasant and Rumford. . . . .	1	
"	South side Pleasant, opposite Pine. . . . .	1	
"	South side Pleasant, opposite Liberty. . . . .	1	
"	North side Pleasant, near Salem. . . . .	1	
"	South side Pleasant, near Mrs. Eddy's. . . . .	1	
"	North side Pleasant, near Mrs. Lane's. . . . .	1	
"	North side Pleasant, near J. McC. Hammond's. . . . .	1	
"	South side Pleasant, opposite Pond road. . . . .	1	
"	South side Pleasant, near J. Milnor Coit's. . . . .	1	
"	North side Pleasant, opposite Infirmary. . . . .	1	
"	South side Pleasant, near the mill. . . . .	1	13
Mill Road,	East side Mill road, near Upper School cottage. . . . .	1	
St. P. School.	North side Mill road, at Orphan's Home. . . . .	1	2
Marshall.	North side Marshall, opposite Fuller. . . . .	1	1
Hill's ave.	North-east corner Hill's avenue and South Main. . . . .	1	
"	South-west corner Hill's avenue and Railroad square. . . . .	1	2
Fayette.	North-west corner Fayette and Elm. . . . .	1	1
Chandler.	South side Chandler, opposite Railroad. . . . .	1	1
Concord.	South side Concord, opposite Jefferson. . . . .	1	1
Thorndike.	North-east corner Thorndike and Grove. . . . .	1	1
Laurel.	North-east corner Laurel and Pierce. . . . .	1	1
Perley.	North-west corner Perley and Grove. . . . .	1	
"	South side Perley, near old brook. . . . .	1	2
West.	North side West, near Badger. . . . .	1	
"	North side West, opposite Dakin. . . . .	1	
"	North side West, at intersection Broadway. . . . .	1	3
Harrison.	North-west corner Harrison and Morton. . . . .	1	1
Allison.	North-west corner Allison and Mills. . . . .	1	1
Rockingh'm.	North-east corner Rockingh'm and Broadway. . . . .	1	1
Prospect.	North-west corner Prospect and Granite avenue. . . . .	1	1
Curtice ave.	North side Curtice avenue, near John C. Kenney's. . . . .	1	1
On main line	West side West Concord road, at water-works storehouse. . . . .	1	
"	North-east corner West Concord road and Foster. . . . .	1	
"	East side West Concord road, near cemetery gate. . . . .	1	
"	West side West Concord road, near Calvary cemetery. . . . .	1	
"	East side West Concord road, near C. R. Farnum's. . . . .	1	5
WEST CONCORD.			
Main.	East side Main, near old city farm. . . . .	1	
"	East side Main, near engine-house. . . . .	1	
"	East side Main, opposite D. Holden's. . . . .	1	
"	West side Main, near north mill. . . . .	1	
"	East side Main, opposite Geo. W. Brown's. . . . .	1	
"	East side Main, near Mr. Harrington's. . . . .	1	

FIRE-HYDRANTS.—*Concluded.*

STREETS.	LOCATIONS.	Number.	Total.
Main.	East side Main, opposite A. Hollis's .....	1	7
Electric.	North-east corner of Electric and Main .....	1	
"	North side Electric, near power station .....	1	2
High.	East side High, near S. W. Kellom's .....	1	
"	East side High, near Mrs. G. E. Holden's .....	1	2
Depot.	South side Depot, opposite railroad station .....	1	1
Hutchins.	North side Hutchins, near B. T. Putney's .....	1	
"	North side Hutchins, near C. & C. Railroad .....	1	2
Pen'c'k Road.	West side Penacook road, near Warner road .....	1	
"	West side Penacook road, near Mr. Currier's .....	1	2
<b>PENACOOK.</b>			
Main.	West side Main, opposite Stark street .....	1	
"	West side Main, near Mr Prescott's .....	1	
"	South-west corner Main and Union .....	1	
"	Washington square, opposite Washington .....	1	
"	North-west corner Main and Charles .....	1	
"	North side Main, opposite East Canal .....	1	
"	North side, near iron bridge .....	1	7
West Main.	West side West Main, opposite Cemetery .....	1	1
High.	East side High, opposite Summit .....	1	
"	North-west corner High and Maple .....	1	
"	North-west corner High and Spring .....	1	3
Washington.	South-east corner Washington and Union .....	1	
"	South side Washington, opposite John Whitaker's .....	1	
"	South side Washington, opposite Charles .....	1	
"	South side Washington, near Contoocook bridge .....	1	4
Charles.	South-west corner Charles and Warren .....	1	
"	North side Charles, near Geo. W. Corey's .....	1	2
West Canal.	South-east corner West Canal and Warren .....	1	1
East Canal.	North side East Canal, near Contoocook Mfg. Co. .....	1	
"	North side East Canal, near Crescent .....	1	2
Merrimack.	South side Merrimack, opposite Merrimack avenue .....	1	
"	North side Merrimack, opposite D. W. Fox's .....	1	
"	North side Merrimack, opposite Cross .....	1	
"	South side Merrimack, opposite Rolfe's shop .....	1	
"	North side Merrimack, near road to Island .....	1	
"	North-west corner Merrimack and Penacook .....	1	6
Summer.	North side Summer, opposite High .....	1	
"	North-east corner Summer and Centre .....	1	2
Spring.	North-east corner Spring and Church .....	1	1
Centre.	North-west corner Centre and Spring .....	1	1
Cross.	South-west corner Cross and Summer .....	1	1
Rolfe.	North side Rolfe, near James Corbett's .....	1	
"	North-west corner Rolfe and Penacook .....	1	2
Penacook.	West side Penacook, opposite A. W. Rolfe's .....	1	1
		239	
<b>PRIVATE HYDRANTS.</b>			
		Whole number of public hydrants .....	
		239	
		Concord Railroad yard, 3 post and 3 flush hydrants .....	
		6	
		Northern Railroad yard, 4 post hydrants .....	
		4	
		New state prison .....	
		3	
		Abbot-Downing Co.'s yard .....	
		6	
		Page Belting Co.'s yard .....	
		2	
		W. P. Ford & Co.'s yard .....	
		1	
		N. H. Asylum for Insane yard .....	
		1	
		Concord Gas Light Co.'s yard .....	
		1	
		S. Paul's school .....	
		1	
		Water-works pumping station grounds .....	
		1	
		26	
		Whole number of private hydrants .....	
		26	

## HIGHWAY DEPARTMENT.

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### REPORT OF COMMISSIONER OF HIGHWAYS.

*To the City Council :*

GENTLEMEN : I herewith present the annual report of the commissioner of highways for the year ending December 31, 1894.

A large amount of work has been done in the past year in grading Granite street, Curtis avenue, School, Holt, Fremont, Pillsbury, Franklin, and other streets. School street was graded from Holt to Giles street, at an expense of about \$1,700, and a concrete sidewalk with edgestone was built on the south side ; Pillsbury street, \$380.40 ; Franklin street, \$1,424.65. A new culvert has been built on Bridge street, at West Concord, at an expense of \$500, and on Second street at West Concord, \$308.80 was expended. The approaches at the Loudon bridge and at the new bridge at Horse Hill have been graded. The work on the Loudon bridge amounts to \$382.30, and on the Horse Hill bridge to \$1,428.60. The rapid growth of the city has resulted in a large increase of new residences, and a corresponding increase of new streets. The new streets opened will require more or less expense for improvements, but with the limited amount of money appropriated, much cannot be accomplished for them. The new streets have been laid out and graded out of the appropriation for "General Repairs," thereby cutting short the amount with which to maintain and properly care for the highways we already have. There are a number of streets which have been opened and built upon in the last two or three years which should be improved, and I would recommend that a separate appropriation be made for improving new streets and permanent repairs, such as paving, concreting, etc.

Again I would recommend the purchase of a steam road-roller from twelve to fifteen tons weight. Much labor could be saved and many old streets be improved by its use.

By the recent change in the fire department the highway department has been obliged to give up the use of the teams. Under the old system this department has been obliged to expend about two thousand dollars a year at the Central Fire station for the use of the teams. We could accomplish more with that amount of money if the two departments were separated entirely.

The sprinkling precinct has been enlarged, and will require another sprinkler before the coming season.

In conclusion, I wish to thank his honor the mayor and members of the city council for many courtesies shown this department which were fully appreciated.

Respectfully submitted :

ALFRED CLARK,

*Commissioner of Highways.*

EXPENSE OF LABOR ON STREETS.

Removing stone at State library,	\$37.70
Removing ledge at St. Paul's school,	82.40
Grading Glen street, from Allison north, 33 feet wide to Seward's building,	14.98
Grading Monroe street, from State to Grove street, 550 feet by 22 feet wide,	145.10
Grading Fiske street, from Church street, 465 feet by 8 feet wide, with stone chips,	92.85
Grading Granite street,	54.40
Grading and removing sand on Albin street, from Martin to Rumford street,	46.80
Grading Beacon street extension, from Charles to Lugg's west line,	13.55
Filling and grading approaches at Loudon bridge,	315.18
Building bank wall at Loudon bridge,	67.12
Building bank wall on Jackson West court,	54.15
Cutting Wyman street from Rumford street, 33 feet wide,	123.15
Filling Curtice avenue with sand from Wyman street, from State street east 210 feet by 33 feet wide,	52.27
Filling Granite avenue with sand from Wyman street, from State street east 150 feet by 33 feet wide,	58.63
Building bank wall corner of Highland and Jackson streets,	75.25

Grading South street, from Pleasant to Clinton streets, with gravel and crushed stone,	\$927.60
Cutting and grading Jackson West court, 122 feet by 40 feet wide,	40.90
Grading North Main street, from Centre to Montgomery street, 10 feet wide,	15.70
Grading approaches at Loudon bridge with stone chips,	79.90
Grading School street, from Holt to Giles street,	1,724.39
Grading Pillsbury street,	380.40
Grading Holt street,	61.15
Grading Fremont street,	108.65
Building fence by Thomas Stuart's,	22.20
Grading Tahanto street, from Summit avenue to School street, 394 feet by 25 feet wide,	80.45
Grading School street, from Tahanto to Summit avenue, 189 feet by 25 feet wide,	52.75
Grading Tahanto street, from School street north to Yeaton's new house,	28.40
Grading North State street from Granite avenue, to north side Curtice avenue, 261 feet by 24 feet wide ,with stone chips,	81.50
Grading Franklin street,	1,424.65
Grading Rumford street by cemetery wall,	196.65
Grading Turnpike street, from West to Gas street,	102.75
Grading Walker street, from State to Bradley street, 612 feet by 21 feet wide,	77.75
Grading Allison street, from Bradley to Martin, 405 feet by 22 feet wide,	59.60
Grading Bradley street from Church to Perkins street, 1,023 feet by 22 feet wide,	99.53
Grading Chandler street and paving gutters,	83.60
Grading Railroad street, from Chandler street to Hill's avenue,	79.60
Grading Walker street, from Bradley to Rumford street, 669 feet by 22 feet wide,	72.15
Filling Broadway with grade taken from Turnpike street,	16.80
Grading Lincoln street,	11.55
Grading for concrete on Tahanto street, by Yeaton's new house, 48 feet by 5 feet wide,	9.10

Grading Washington street, from Rumford to Essex street,	\$44.20
Grading for concrete on Church street, from Mudgett's lot to Lyndon street,	29.05
Grading walk for concrete on east side of Lyndon street, by Larkin's lot, 105 feet by 5 feet wide,	23.30
Grading for concrete on Park street, from Dr. Walker's east line to State street, 232 feet by 7 feet wide,	15.00
Grading for concrete on State street, from Park to Centre street, 217 feet by 7 feet wide,	33.00
Grading for concrete on Centre street, from State to west line of Eastman's lot, 192 feet by 7 feet wide,	21.85
Grading for concrete on Valley street, opposite F. H. Smith's, 66 feet by 5 feet wide,	2.70
Cutting sidewalk and removing trees on Allison street, from Mills east to east line of Hutchinson's lot,	21.20
Grading sidewalk on Walker street, from Rumford to Bradley street, 660 feet by 5 feet wide,	32.27
Grading sidewalk on Rumford street, from Walker to point near Perkins street, 250 feet by 5 feet wide,	11.95
Gravel walk on Walker street, from State west to old concrete, 264 feet by 5 feet wide,	27.90
Grading walk for concrete on north side of School street at Capital Fire Insurance Co.'s building, 128 feet by 6 feet wide,	3.50
Raising stone in sidewalk on Main street, front of Phenix block,	3.85
Grading walk for concrete, south side of Sexton avenue, 33 feet by 4 feet wide,	10.90
Grading walk for concrete, opposite J. D. Perkins's, on Blake street,	5.10
Grading from Larkin's store to Penacook street, 950 feet by 30 feet wide,	240.80
Grading for concrete, opposite N. B. Emery's two lots, 92 feet by 5 feet wide,	3.50
Grading for concrete on east side Turnpike street, from West to north line of Gas Co.'s lot, 214 feet by 6 feet wide,	16.20
Grading for concrete on Concord street, opposite Patrick McIntire's, 124 feet by 4½ feet wide,	4.85

Grading for concrete on Holt street, from School street to south line of Carr's lot, 5 feet wide,	\$12.25
Grading for concrete, corner of Main and Pleasant streets,	22.00
Grading north side Church street, opposite Blake's, for concrete, 131 feet by 5 feet wide,	5.60
Grading Second street at West Concord,	308.80
Building Bridge street culvert at West Concord,	183.98
Building shed at Central Fire station,	222.26
Repairing bridges in Mountain district,	35.30
Repairing culverts in Mountain district,	38.60
Relaying paving on North Main street, from Pleasant to Depot street, east of track,	144.42
Removing trees at State library,	9.40
Removing trees at East Concord,	7.00
Repairing Soucook bridge at Richardson's mills,	95.27
Filling sand house,	62.47
Repairing gutters on Gully hill,	28.55
Repairing paved gutters between Fremont and State streets,	13.20
Moving sand from South End sewer to fill Allison street,	47.60
Relaying curbing at Lyster Bros. on North Main street,	15.85
Relaying curbing in front of Brown's block on Warren street,	5.85
Paving gutter on North State street, opposite Pumping station to north line of lot, 358 feet by 4 feet wide,	34.25
Paving gutter on School street opposite Gannon's lot, 71 feet by 4½ feet wide,	6.60
Paving gutter on Main street, Penacook,	7.00
Cutting gutters and repairing gravel walk on Blake street,	9.60
Paving gutters on both sides South street, from Pleasant to Wall street, 611 feet by 4 feet wide,	63.25
Paving gutters on South street from Monroe to Thorndike street, 584 feet by 4 feet wide,	73.95
Paving gutter on east side South street, from Monroe north to Concord street, 180 feet by 4 feet wide,	25.90
Cutting gutters on South Main street, from Thorndike street to Wentworth avenue, and grading with crushed stone,	37.65
Paving gutters on North State street by Fowler building,	9.35

Paving gutters on south side Highland street, from Jackson to Bradley street,	\$22.10
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## EXPENSE OF CATCH BASINS.

One on Jefferson street, corner of Concord street, No. 16,	\$16.55
One on West street, corner of Hutchinson avenue, No. 18,	6.92
Two on South street at Perley street, No. 16,	29.04
One on South street, near Downing street, No. 16,	14.69
Two on Thorndike street, corner South street, No. 16,	25.61
One on Perley street, near Patrick Hagerty's, No. 16,	12.90
Two on Albin street, corner Bradley street, No. 16,	30.20
One on Bradley street, corner of Albin street, No. 16,	15.73
One on Bradley street, corner of Walker street, No. 16,	13.53
One on State street, near Prison, No. 18,	16.04
One rebuilt on Rumford street, corner Warren street,	15.65
One on Rumford street, corner of Highland street, No. 16,	15.44
One rebuilt on Turnpike street, opposite Gas street,	5.50
One on Railroad street, opposite Foundry, No. 16,	11.13
One on Railroad street, near Chandler street, No. 16,	11.85
One on Chandler street, No. 16,	13.62
Five on Chandler street, No. 16,	58.37
Two on School street, corner of High street, No. 16,	40.87
One on School street, corner of Holt street, No. 16,	18.45
One on Auburn street, corner of Centre street, No. 16,	15.37
One on Holt street, No. 16,	19.03
One on North Essex Street, corner Blanchard street, No. 16,	10.75
Cleaning out catch basins in spring and fall,	466.54

## COST OF PATCHING STREETS WITH GRAVEL.

South,	\$38.11	Centre,	\$44.40
Maple,	1.17	Hanover,	.85
South Spring,	49.20	Washington,	32.60
Downing,	14.75	North Spring,	2.20
School,	15.48	Prince,	2.35
Tahanto,	1.17	Penacook,	2.75
Rumford,	131.34	Water,	9.45

## HIGHWAY DEPARTMENT.

165

Perley,	\$19.15	North State,	\$35.40
Laurel,	6.85	North Main,	22.45
Thorndike,	18.42	South Main,	132.53
Monroe,	2.33	Pembroke Road,	10.70
Clinton,	2.55	Turnpike,	2.58
South State,	13.52	Perkins,	.45
East Penacook,	12.15	Warren,	8.95
Bridge,	29.90	Thompson,	14.20
Chapel,	4.65	Church,	5.60
Freight,	20.40	Mills,	6.70
Lyndon,	12.85	Grove,	13.95
Jackson,	17.80	Pierce,	2.70
Tremont,	14.60	Beaver,	1.80
Beacon,	18.20	Jefferson,	1.70
Franklin,	4.95	Elm,	9.20
Summit Avenue,	3.40	Myrtle,	1.30
Merrimack,	49.85	Concord,	16.20
Walker,	5.30	Bradley,	2.35
Pleasant,	40.40	Fayette,	14.30
West,	32.20	Liberty,	9.70
Wall,	11.16	Academy,	3.30
Fiske,	11.00	Essex,	8.70

## COST OF PATCHING STREETS WITH CRUSHED STONE.

Bridge,	\$19.08	Fiske,	\$4.25
South State,	47.90	Green,	8.25
North State,	54.07	West Concord Road,	5.10
Pleasant,	43.95	Warren,	10.20
South Main,	53.75	Odd Fellows' Avenue,	19.80
North Main,	46.70		

## COST OF PATCHING STREETS WITH CINDERS.

Water,	\$11.70	Ice Road,	\$3.13
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There has been paid to the city treasurer the sum of \$1,130.27, collected of abutters for their proportions of concrete sidewalks, as follows :

S. A. Smith, . . . . .	\$20.39
G. H. Sager, . . . . .	11.50
Harland Flanders, . . . . .	16.14
W. H. Putnam, . . . . .	5.75
C. R. Robinson, . . . . .	36.44
Nancy Dutton, . . . . .	18.05
C. Jordan, . . . . .	10.25
Howard Trevette, . . . . .	10.00
John A. Coburn, . . . . .	10.75
Arthur H. Chase, . . . . .	7.30
Dow & Randlett, . . . . .	47.02
S. G. Lane, . . . . .	9.58
Annie Fiske, . . . . .	16.75
W. F. Thayer, . . . . .	97.31
N. B. Emery, . . . . .	13.47
J. D. Perkins, . . . . .	10.32
Charles R. Walker, . . . . .	24.36
Daniel B. Donovan, . . . . .	15.32
George W. Abbott, . . . . .	26.05
George S. Morrill, . . . . .	39.15
Charles L. Fellows, . . . . .	39.97
P. H. Larkin, . . . . .	108.60
Woodworth, Ranney & Thayer, . . . . .	118.96
Masonic Temple, . . . . .	24.75
A. D. Fosgate, . . . . .	9.91
James Blake, . . . . .	20.39
Fred Carr, . . . . .	7.09
White & Mason, . . . . .	28.36
George Partridge, . . . . .	13.86
L. J. Rundlett, (Tahanto School), . . . . .	40.14
Ellen Kelleher, . . . . .	21.04
John Sexton, . . . . .	21.00
W. H. Raymond, . . . . .	8.40
W. K. Holt, . . . . .	10.06
John Haley, . . . . .	5.00
H. C. Brown, . . . . .	12.08
Mrs. Mary Simpson, . . . . .	26.97
W. W. Eastman, . . . . .	8.64
Frank Smith, . . . . .	9.45

## HIGHWAY DEPARTMENT.

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C. H. Swain, . . . . .	\$6.16
Isaac Durgin, . . . . .	13.72
Henry Amos, . . . . .	8.45
Mrs. Hugh Tallant, . . . . .	15.85
Mrs. Patrick McIntire, . . . . .	13.53
John H. Oberly, . . . . .	9.86
John F. Kelley, . . . . .	45.77
Baker Memorial Methodist Society, . . . . .	21.83
Jacob H. Gallinger, . . . . .	14.53
	<hr/> \$1,130.27

## CONCRETE BILLS REMAINING UNPAID.

A. O. Mansur, . . . . .	\$10.39
T. Murphy, . . . . .	18.22
Howard Trevette, . . . . .	21.11
Mrs. C. G. Blanchard estate, . . . . .	149.72
State library, . . . . .	249.87
Frank Tallant, . . . . .	24.17
Frank Dolloff, . . . . .	8.75
F. W. Yeaton, . . . . .	6.56
John Haley, . . . . .	7.60
Opposite lot of J. G. Sargent, . . . . .	21.63

There has also been paid for concrete, since the accounts were made up, the bills of

John C. Dean, . . . . .	\$7.86
Charles B. Foster, . . . . .	35.89
Arthur Booth, . . . . .	7.66
Lyster Bros., . . . . .	19.88
James H. Lyster, . . . . .	5.47
I. S. Ring, . . . . .	26.41
E. B. Woodworth, . . . . .	55.70
Capital Fire Insurance Co., . . . . .	41.99
	<hr/> \$200.86

which sum will be found in the treasurer's account for the ensuing year.

## ASSETS OF STREET DEPARTMENT.

Lumber, stone, etc., at city storehouse, . . . . .	\$200.00
One horse at fire station, . . . . .	150.00

Three horses at city shed, . . . .	\$225.00
Two stone rollers, . . . .	200.00
Nine street sprinklers, . . . .	2,725.00
One stone crusher and boiler, . . . .	1,500.00
One street sweeper, . . . .	300.00
Two road machines, . . . .	250.00
Two large two-horse sleds, . . . .	150.00
One small one-horse sled, . . . .	15.00
Three two-horse dump carts, . . . .	325.00
One derrick, . . . .	100.00
Two snow rollers, . . . .	170.00
One two-horse wagon, . . . .	50.00
Three pair work harnesses, . . . .	200.00
One single work harness, . . . .	15.00
Picks, shovels, and small tools, . . . .	400.00
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	\$6,975.00

REPORT OF THE COMMITTEE ON SEWERS  
AND DRAINS.

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*To the City Council :*

The committee on sewers and drains held sixteen meetings during the year, and the members thereof made frequent inspections of sewer work while it was in progress. The season was a most favorable one for such work, and the amount of sewer construction was considerably increased over what was contemplated when the appropriation for sewers was made in March. To meet this additional expenditure the city council, on December 11, authorized the issuing of three and one-half per cent. bonds to the amount of nine thousand dollars, by the following ordinance :

AN ORDINANCE providing for the loan of nine thousand dollars to pay for sewers.

*Be it ordained by the City Council of the City of Concord, as follows :*

SECTION 1. The city treasurer is hereby authorized to procure by loan on the credit of the city the sum of nine thousand dollars (\$9,000), to pay for sewers.

SEC. 2. Bonds of said city shall be issued for said loan, signed by the mayor and treasurer and countersigned by the city clerk, as provided in the ordinance relating to loans. Said bonds shall be dated December 1, 1894, and shall bear interest at the rate of three and one-half per cent. per annum, and shall be of such form as the mayor and city treasurer may determine ; and shall be made payable on the first day of December, 1914. Said bonds shall be exempt from taxation when owned by residents of Concord.

Of the money thus provided, \$4,011.14 was expended on the South End sewer, to extend it to South street ; \$1,889.36 on the sewer on North State street, east of Blossom Hill cemetery ; and \$2,749.74 on the sewer in Valley and Forrest streets, leaving an unexpended balance of \$349.76.

The petitions considered by the committee were disposed of as follows :

Arthur N. Drake, for extension of Beacon street sewer. Granted and built.

Lee Brothers, for extension of sewer in South State street. Granted and built.

Mrs. Bridget Gannon, for extension of sewer in Warren street. Granted and built.

N. E. Martin, for sewer in Valley and Forrest streets. Granted and built.

William Prowse, for relaying sewer in Tremont street from Rumford street east. Granted and relaid.

For Abbottville sewer, in West Concord sewer precinct. Granted and built.

Petitions laid on the table for further consideration :

W. H. Page, for sewer in Hall street.

J. E. McShane, for sewer in Clough's avenue.

G. D. B. Prescott, for sewer in Pillsbury street.

D. T. Slack, for sewer in Hall street.

D. T. Slack, for sewer in Hammond street.

Frank Mayo, for sewer in White street.

George Bodwell, for sewer in Hall street.

Petitions for sewers granted in 1892, and not yet built :

Eastman street.

Broadway, from Allison to Humphrey street.

Humphrey street.

Early in March the following bids for materials for the season of 1894 were received :

Bids on cement :

Frank Coffin . . . . .	\$1.34
Woodworth & Co. . . . .	1.35
Dickerman & Co. . . . .	1.23

Dickerman & Co. were awarded the contract for 1894.

Bids for pipe :

David W. Lewis, 75  $\frac{1}{4}$  per cent. discount from list up to and including 24-inch. No bid on 30-inch.

Humphrey & Dodge, 76 per cent. discount up to and including 24-inch ; 50 per cent. discount on 30-inch.

Thompson & Hoague, 77  $\frac{1}{2}$  per cent. discount up to and including 24-inch for Ohio river pipe ; 77 per cent. discount up to and including 24-inch for Akron pipe.

Portland Stoneware Co., 77½ per cent. discount up to and including 24-inch; 50 per cent. on 30-inch.

Portland Stoneware Co. was awarded the contract for 1894.

Bids for castings in April:

Ford & Kimball, 1 9-10 cents per pound.

Concord Foundry Co., 1 9-10 cents per pound.

Concord Foundry Co. were awarded the contract for 1894.

In the month of May a bid was received from William S. Marsh, of Lawrence, Mass., for work on the South End sewer, at \$8.57 per lineal foot, and \$39 for each manhole. The bid was accepted, and the sewer was extended to South street. The balance of the appropriation for this sewer in 1893, amounting to \$4,453.89, was expended, and also the sum of \$4,011.14, derived from the bond issue of \$9,000, made in 1894.

In June the following bids were received for constructing new sewer in Albin street, relaying Walker and Bradley streets, and extending the sewer in Auburn street:

William S. Marsh, Lawrence, Mass.:

15-inch pipe, Walker street, \$1.50 per foot.

12-inch pipe, Bradley street, \$1.35 per foot.

10-inch pipe Albin street, \$1.20 per foot.

Manholes, \$26.00 each.

Rock excavation, \$3.50 per cubic yard.

10-inch pipe, Auburn street, \$1.25 per foot.

Manholes, Auburn street, \$24.00 each.

Rock excavation, \$4.00 per cubic yard.

J. N. Drew & Co., Malden, Mass.:

15-inch pipe, Walker street, \$1.18 per foot.

12-inch pipe, Bradley street, .98 per foot.

10-inch pipe, Albin street, .74 per foot.

Manholes, \$25.00 each.

Rock excavation, \$7.00 per cubic yard.

10-inch pipe, Auburn street, \$1.05 per foot.

Manholes, \$24.00 each.

Rock excavation, \$7.00 per cubic yard.

Contract awarded to J. N. Drew & Co.

In July the following bids were received, for constructing sewers through White Park, Valley and Forrest streets, Abbottville, West Concord, and North State street, north from Granite street:

## George M. Atkins, Palmer, Mass. :

15-inch pipe, White Park, Valley and Forrest streets, \$1.00 per foot.

12-inch pipe, White Park, Valley and Forrest streets, .75 per foot.

10-inch pipe, White Park, Valley and Forrest streets, .60 per foot.

Rock excavation, \$6.00 per cubic yard.

Cement concrete, \$5.00 per cubic yard.

Manholes, \$40.00 each.

## Abbottville, West Concord :

10-inch pipe, \$0.60 per foot.

Rock excavation, \$6.00 per cubic yard.

Cement concrete, \$5.00 per cubic yard.

Manholes, \$40.00 each.

## North State street :

10-inch pipe, \$0.75 per foot.

Rock excavation, \$6.00 per cubic yard.

Cement concrete, \$5.00 per cubic yard.

Manholes, \$40.00 each.

## W. S. Marsh, Lawrence, Mass. :

## White Park, Valley and Forrest streets :

15-inch pipe, \$1.00

12-inch pipe, \$0.90 per foot.

10-inch pipe, \$0.85 per foot.

Rock excavation, \$0.00 per cubic yard.

Cement concrete, \$0.00 per cubic yard.

Manholes, \$20.00 each.

## Abbottville, West Concord :

10-inch pipe, \$0.70 per foot.

Rock excavation, \$4.50 per cubic yard.

Cement concrete, \$2.50 per cubic yard.

Manholes, \$20.00 each.

## North State street :

10-inch pipe, \$0.87½ per foot.

Rock excavation, \$4.00 per cubic yard.

Cement concrete, \$2.50 per cubic yard.

Manholes, \$20.00 each.

## J. N. Drew &amp; Co., Malden, Mass. :

## White Park, Valley and Forrest streets.

15-inch pipe, \$0.98 per foot.  
 12-inch pipe, \$0.95 per foot.  
 10-inch pipe, \$0.70 per foot.  
 Rock excavation, \$6.00 per cubic yard.  
 Cement concrete, \$6.00 per cubic yard.  
 Manholes, \$25.00 each.

## Abbottville, West Concord :

10-inch pipe, \$0.70 per foot.  
 Rock excavation, \$6.00 per cubic yard.  
 Cement concrete, \$6.00 per cubic yard.  
 Manholes, \$16.00 each.

## North State street :

10-inch pipe, \$0.87 per foot.  
 Rock excavation, \$6.00 per cubic yard.  
 Cement concrete, \$6.00 per cubic yard.  
 Manholes, \$18.00 each.

## Chester V. Carlton, Milford, N. H. :

## White Park, Valley and Forrest streets :

15-inch pipe, \$0.89 per foot.  
 12-inch pipe, \$0.70 per foot.  
 10-inch pipe, \$0.55 per foot.  
 Rock excavation, \$6.00 per cubic yard.  
 Cement concrete, \$4.00 per cubic yard.  
 Manholes, \$15.00 each.

## Abbottville, West Concord :

10-inch pipe, \$0.58 per foot.  
 Rock excavation, \$7.00 per cubic yard.  
 Cement concrete, \$3.00 per cubic yard.  
 Manholes, \$18.00 each.

## North State street :

10-inch pipe, \$0.72 per foot.  
 Rock excavation, \$4.00 per cubic yard.  
 Cement concrete, \$3.00 per cubic yard.  
 Manholes, \$13.00 each.

## Contract awarded to Chester V. Carlton.

The work on the South End sewer was attended with the same difficulties as in previous years, as to excavation and flow of water. The 30-inch pipe substituted for brick work did not fully meet our

expectations, and after 546 feet of it were laid, brick work was resumed for the remainder of the distance, 86 feet.

Considerable difficulty was encountered in constructing the sewer from Valley and Forrest streets across White Park, on account of the depth of the bog soil in the "green." This necessitated the use of plank, supported by piling, on which to lay the pipe, and thereby added to the estimated expense.

During the rear 112 permits to enter sewers were issued in the city sewer precinct, 20 in West Concord sewer precinct, and 30 in Penacook sewer precinct.

The appropriation for sewers in the city precinct, for 1894, was \$5,000. The other receipts were as follows :

From rent of pumps :	
Concord Land & Water Power Co., . . . . .	\$16.00
Concord Light & Power Co., . . . . .	1.00
Hiram O. Marsh, . . . . .	1.00
Ferrin & Woodman, . . . . .	1.00
Leslie McPhee, . . . . .	1.00
William S. Marsh, . . . . .	21.00
Martin Richardson, . . . . .	.50
H. W. Smith, . . . . .	1.00
C. V. Carlton, . . . . .	11.00
Rowell & Plummer, . . . . .	1.00
Connors & Co., . . . . .	24.00
Page Belting Co., . . . . .	24.00
	<hr/>
	\$102.50
Pipe sold, . . . . .	25.34
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	\$127.84
Collected from 1893, . . . . .	32.00
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Deposited with city treasurer, . . . . .	\$159.84

The total expenditures were \$18,193.16, leaving a balance of \$610.34 unexpended.

WEST CONCORD SEWERAGE PRECINCT.

In this precinct 515 feet of 10-inch sewer pipe were laid in Abbottville, at a cost of \$486.49, and \$26.50 were expended for

repairs. Number of permits granted during the year, 20. The financial report is as follows :

Balance January 1, 1894, . . . . .	\$2,133.34
Paid for new work, . . . . .	\$486.49
Repairs, . . . . .	26.50
Balance Dec. 31, 1894, . . . . .	1,620.35
	<hr/>
	\$2,133.34

## PENACOOK SEWER PRECINCT.

In the Penacook Sewer Precinct, 92 feet of 10-inch sewer was laid in Washington street, being the only portion of the original survey which had not already been laid. The main sewer in Bye street having been completely filled by sand so that the whole sewerage from above emptied through the overflow near the Twin bridge, some 50 feet were taken up and relaid and the whole thoroughly flushed out. At the fall flushing the sewers were found in good condition. Number of permits granted during the year, 30.

The following is the financial report :

**Receipts.**

On hand January 1, 1894, . . . . .	\$256.87
Received for pipe sold, . . . . .	16.64
	<hr/>
	\$273.51

**Expenditures.**

Paid for flushing sewers (May), . . . . .	\$39.50
Washington St., sewer, . . . . .	33.95
N. S. Gale & Co., pipe and cement, . . . . .	2.98
Concord Foundry Co., . . . . .	2.27
Henry Morrill, repairs, . . . . .	35.55
“ “ . . . . .	5.75
Flushing sewers, October, . . . . .	22.12
E. H. Davis, labor, . . . . .	6.50
N. S. Gale & Co., pipe and cement, . . . . .	1.65
Humphrey & Dodge, pipe, . . . . .	2.64
S. G. Sanborn, blacksmithing, . . . . .	11.30
Cash on hand, . . . . .	109.30
	<hr/>
	\$273.51

For further details of sewer work see the report of City Engineer Howe, which follows this report :

P. B. COGSWELL,  
T. P. SULLIVAN,  
A. E. EMERY,  
A. P. HOLDEN,  
JAMES H. SANDERS,

*Committee on Sewers and Drains.*

# CITY ENGINEER.

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## REPORT OF CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,  
CONCORD, N. H., December 31, 1894.

*To the City Council:*

I herewith submit for your consideration, the second annual report of this department, and the work done under its supervision for the year ending December 31, 1894.

In this report will be found the cost of all the sewers constructed during the season of 1894, all repairs made, and cost of same, also the expenses attending the erection of the Loudon bridge, and the amounts expended to date on Horse Hill bridge. A portion of the sewer work the past season was done by contract, and the results are before you for examination. The plans and records in the office accumulate rapidly, and I would renew the recommendation of last year for a suitable plan case for storing and filing plans, that they may be kept in better shape for future use. The field work on a general survey of the compact portion of the city, is nearly completed, and we hope to complete a plan showing the territory from Bow line to Penacook street, this winter.

The employés of this department for the past year have been: Harley W. Morrill, assistant engineer; Frank E. Sampson, assistant engineer; Frank W. Brown, transitman; Fred W. Lang, Arthur B. Emery, and Harry Nutter, rodmen, all of whom have rendered efficient services in their positions. I wish to express to the mayor and the members of the city council, my appreciation for their support and coöperation in the work of the past two years. The expenses of this department for 1894 are as follows:

Paid for salaries, . . . . .	\$2,840.50
rent and gas, . . . . .	206.34
supplies, . . . . .	102.74
repairs, . . . . .	40.75
car fares and expenses, . . . . .	176.08
print frame, . . . . .	23.45
Total, . . . . .	<u>\$3,389.86</u>
Appropriation, . . . . .	<u>\$3,000.00</u>
Overdrawn, . . . . .	\$389.86

## SOUTH END SEWER.

The work was extended to South street this season, and the same material was encountered to the end of the work. All work on this sewer was done under contract, by W. S. Marsh of Lawrence, Mass. This sewer will have to be extended to meet the wants of the people living near the jail, and west of Auburn street. The cost of extending the sewer will be largely reduced from the cost of the portion already built, as the depth of cutting will be much less.

## LOUDON BRIDGE.

Work was continued on this bridge, and it was completed and opened for travel March 12. There were expended in 1894 the following amounts :

Labor on masonry, . . . . .	\$226.56
Commissioner of highways, grading approaches, . . . . .	382.30
Cement, . . . . .	33.87
Plans and inspection, . . . . .	630.43
Blacksmithing, . . . . .	4.87
Stone and trucking, . . . . .	27.00
Wooden railing, . . . . .	69.17
Painting railing, . . . . .	29.51
Berlin Iron Bridge Co., per contract, . . . . .	17,712.00
Total, . . . . .	<u>\$19,115.71</u>
Expended in 1893, . . . . .	514.43
Total expenditure, . . . . .	<u>\$19,630.14</u>

Appropriation, . . . . .	\$20,000.00
Expended, . . . . .	19,630.14
Balance unexpended, . . . . .	<u>\$369.86</u>

## HORSE HILL BRIDGE.

The matter of repairs on this bridge was called to the attention of the board of mayor and aldermen by the commissioner of highways, at the meeting, June 12, 1894. At this meeting the commissioner of highways and the city engineer were instructed to examine the structure and report to the board at the next meeting. This report was presented at the July meeting, and the city engineer was authorized to procure plans for a steel structure, and submit them to the board at the August meeting. Plans were made by John E. Cheney, C. E., of Boston, Mass., and were accepted and adopted at that meeting.

The committee on roads and bridges, consisting of Aldermen Emery and Ranney, and Councilmen Forrest and Engel, with the addition of the mayor, Alderman Sanders and Councilman Dodge, were authorized to proceed with the construction of new masonry, and the erection of the superstructure. Proposals for masonry were immediately solicited, and on August 25, bids from the following parties were opened by the committee: Ward & Douglas, Barre, Vt.; William S. Marsh, Lawrence, Mass.; William H. Ward, Lowell, Mass.; Barton & Runnels, Lowell, Mass.; and Connors & Co., Lowell, Mass. Prices submitted by Connors & Co. were the lowest, and their proposal was accepted, a bond filed, and contract signed. The work on the masonry was completed December 15, with the exception of pointing one abutment, for which the sum of \$100 was withheld from the contractors, to be paid when the pointing is completed in the spring.

Proposals for the superstructure were received until September 3, and on that date the following bids were opened by the committee:

Edge Moor Bridge Works, . . . . .	\$5,100.00
Massillon Bridge Co., . . . . .	4,800.00
Toledo Bridge Co., . . . . .	4,150.00
Groton Bridge & Manufacturing Co., . . . . .	4,339.00
Berlin Iron Bridge Co., . . . . .	5,445.00

Vermont Construction Co., . . . . .	\$4,620.00
Boston Bridge Works, . . . . .	4,187.00
King Bridge Co., . . . . .	4,866.00
R. F. Hawkins Iron Works, . . . . .	4,503.00
Penn Bridge Co., . . . . .	4,649.00
New Jersey Steel & Iron Co., . . . . .	4,546.00
Wrought Iron Bridge Co., . . . . .	3,685.00

The contract for the superstructure was awarded the Wrought Iron Bridge Co., of Canton, Ohio. The contract was signed and bond filed for the faithful completion of the contract. The work of erection was commenced Dec. 25, and the bridge will probably be completed in January, 1895.

There have been expended to date the following sums :

Connors & Co., on masonry contract, . . . . .	\$5,012.64
Commissioner of highways, grading approaches, . . . . .	1,428.60
Horse hire and expenses, . . . . .	103.34
Inspection masonry, . . . . .	220.00
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	\$6,764.58
Appropriation, . . . . .	\$10,500.00
Expended 1894, . . . . .	6,764.58
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Balance, . . . . .	\$3,735.42

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#### COST OF SEWERS LAID IN 1894.

##### BEACON AND CHARLES STREETS, REPAIRS.

Paid for labor, . . . . .	\$436.20
pipe, . . . . .	16.20
cement, . . . . .	2.46
castings, . . . . .	5.49
trucking, . . . . .	18.00
lumber, . . . . .	9.36
	<hr/>
Total, . . . . .	\$487.71

## AUBURN STREET, 706 FEET OF 10-INCH.

Paid for labor, . . . . .	\$810.30
pipe, . . . . .	105.90
brick, . . . . .	20.25
cement, . . . . .	13.53
castings, . . . . .	8.36
trucking, . . . . .	11.60
hardware, . . . . .	1.14
Total, . . . . .	<u>\$971.08</u>

Average cost per foot, \$1.37.

Material excavated, hard-pan and boulders.

## SCHOOL STREET, REPAIRS.

Paid for trucking, . . . . .	\$0.50
concrete, . . . . .	96.33
Total, . . . . .	<u>\$96.83</u>

## BOWERY AVENUE, REPAIRS.

Paid for labor, . . . . .	\$2.12
trucking, . . . . .	.35
Total, . . . . .	<u>\$2.47</u>

## WEST STREET, REPAIRS.

Paid for labor, . . . . .	\$0.75
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## SOUTH STATE STREET, REPAIRS.

Paid for labor, . . . . .	\$52.65
pipe, . . . . .	9.56
brick, . . . . .	6.75
cement, . . . . .	3.69
castings, . . . . .	4.18
hardware, . . . . .	.39
trucking, . . . . .	1.25
Total, . . . . .	<u>\$78.47</u>

## SOUTH STREET, REPAIRS.

Paid for labor, . . . . .	\$14.77
pipe, . . . . .	.56
trucking, . . . . .	2.25
Total, . . . . .	<u>\$17.58</u>

## RUMFORD STREET, REPAIRS.

Paid for labor, . . . . .	\$54.95
brick, . . . . .	7.00
castings, . . . . .	5.00
trucking, . . . . .	3.50
sand, . . . . .	1.10
Total, . . . . .	<u>\$71.55</u>

## WAVERLY STREET, REPAIRS.

Paid for labor, . . . . .	\$11.00
trucking, . . . . .	1.75
Total, . . . . .	<u>\$12.75</u>

## HARRISON STREET, REPAIRS.

Paid for labor, . . . . .	\$3.50
pipe, . . . . .	1.66
castings, . . . . .	.50
trucking, . . . . .	1.00
Total, . . . . .	<u>\$6.66</u>

## WALKER STREET.

612 feet of 15-inch. This pipe replaces a 12-inch Akron pipe.

Paid for labor, . . . . .	\$772.16
pipe, . . . . .	223.34
brick, . . . . .	27.00
cement, . . . . .	14.76

## CITY ENGINEER.

183

Paid for castings, . . . . .	\$14.63
inspection, . . . . .	23.12
Total, . . . . .	<u>\$1,075.01</u>

Average cost per foot, \$1.76.

Material excavated, clay and gravel.

## ALBIN STREET, 750 FEET OF 10-INCH.

Paid for labor, . . . . .	\$581.00
pipe, . . . . .	135.83
brick, . . . . .	13.50
castings, . . . . .	7.17
inspection, . . . . .	8.75
Total, . . . . .	<u>\$746.25</u>

Average cost per foot, 99 cents.

Material excavated, sand.

## BRADLEY STREET, 865 FEET OF 12-INCH.

Paid for labor, . . . . .	\$952.19
pipe, . . . . .	185.22
brick, . . . . .	27.00
cement, . . . . .	14.76
castings, . . . . .	15.68
hardware, . . . . .	1.20
trucking, . . . . .	6.50
inspection, . . . . .	17.50
Total, . . . . .	<u>\$1,220.05</u>

Average cost per foot, \$1.41.

Material excavated, sand and gravel.

## WARREN STREET.

West of Liberty, 115 feet of 10-inch.

Paid for labor, . . . . .	\$55 47
pipe, . . . . .	17.25
cement, . . . . .	1.23

Paid for castings, . . . . .	\$0.49
trucking, . . . . .	1.25
	<hr/>
Total, . . . . .	\$75.69

Average cost per foot, 66 cents.  
Material excavated, gravel.

## VALLEY STREET.

1,268 feet of 15-inch, 386 feet of 12-inch, 8 feet of 10-inch.

Paid for labor, . . . . .	\$1,847.50
pipe, . . . . .	442.26
brick, . . . . .	61.25
cement, . . . . .	36.90
castings, . . . . .	25.57
hardware, . . . . .	1.26
trucking, . . . . .	34.50
inspection, . . . . .	67.50
	<hr/>
Total, . . . . .	\$2,516.74

Average cost per foot, \$1.51.  
Material excavated, muck, gravel, and boulders.

## FOREST STREET, 320 FEET OF 10-INCH.

Paid for labor, . . . . .	\$176.95
pipe, . . . . .	48.00
castings, . . . . .	.55
inspection, . . . . .	7.50
	<hr/>
Total, . . . . .	\$233.00

Average cost per foot, 73 cents.  
Material excavated, gravel and boulders.

## NORTH STATE STREET, 1,799 FEET OF 10-INCH.

Paid for labor, . . . . .	\$1,431.36
pipe, . . . . .	269.85
brick, . . . . .	54.00
cement, . . . . .	30.75

## CITY ENGINEER.

185

Paid for castings, . . . . .	\$31.84
hardware, . . . . .	3.81
trucking, . . . . .	15.25
inspection, . . . . .	52.50
Total, . . . . .	<u>\$1,889.36</u>

Average cost per foot, \$1.05.

Material excavated, gravel and sand.

## CONCORD STREET, REPAIRS.

Paid for labor, . . . . .	\$0.75
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## FRANKLIN STREET, REPAIRS.

Paid for labor, . . . . .	\$11.55
cement, . . . . .	1.23
Total, . . . . .	<u>\$12.78</u>

## FREMONT STREET EXTENSION, 79 FEET OF 10-INCH.

Paid for labor, . . . . .	\$18.11
pipe, . . . . .	11.88
cement, . . . . .	2.46
Total, . . . . .	<u>\$32.45</u>

Average cost per foot, 41 cents.

Material excavated, sand and marl.

## CHAPEL STREET, REPAIRS.

Paid for labor, . . . . .	\$26.50
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## ABBOTT STREET, REPAIRS.

Paid for labor, . . . . .	\$0.27
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## TREMONT STREET, REPAIRS.

Paid for labor, . . . . .	\$52.00
pipe, . . . . .	5.20
cement, . . . . .	2.46
Total, . . . . .	<u>\$59.66</u>

## SUMMIT STREET, REPAIRS.

Paid for labor, . . . . .	\$15.16
pipe, . . . . .	1.35
cement, . . . . .	1.23
Total, . . . . .	<u>\$17.74</u>
Expended, new sewers and repairs, 1894, . . . . .	\$9,652.10
Flushing, . . . . .	76.03
Total, 1894, . . . . .	<u>\$9,728.13</u>
Appropriation, . . . . .	5,000.00
Overdrawn, . . . . .	<u>\$4,728.13</u>

## SOUTH END SEWER.

Five hundred and forty-six feet of 30-inch pipe and 86 feet of 30-inch brick sewer.

Paid for labor, . . . . .	\$6,033.02
brick, . . . . .	168.75
castings, . . . . .	30.39
pipe, . . . . .	1,918.12
cement, . . . . .	130.38
inspection, . . . . .	184.37
Total, . . . . .	<u>\$8,465.03</u>
Balance from 1893, . . . . .	4,453.89
Overdrawn, . . . . .	<u>\$4,011.14</u>
Total expenditure, 1894, . . . . .	8,465.03
Less cost of manholes complete, . . . . .	\$139.74
“ “ pipe on hand, . . . . .	<u>375.00</u>
Net cost, . . . . .	<u>\$7,950.29</u>

Net cost of sewer per lineal foot, 546 feet of 30-inch pipe at \$12.56 ; 85.6 feet of brick sewer at \$12.75.

Material excavated, sand, quick-sand, and clay.

## WEST CONCORD SEWERAGE PRECINCT.

But one new sewer was built in this precinct during the season of 1894, the cost of which is shown in this report. The new work was done under contract. Repairs were made on the southern outlet, caused by a washout and the caving in of the banks, thereby breaking about 30 feet of 15-inch pipe. A statement of the expense attending the repairs is appended.

New work. Abbottville, 515 feet of 10-inch pipe.

Paid for labor . . . . .	\$395.20
pipe . . . . .	6.86
brick . . . . .	36.25
cement . . . . .	16.26
castings . . . . .	16.72
trucking . . . . .	5.20
inspector . . . . .	10.00
	<hr/>
Total . . . . .	\$486.49

Average cost per foot, 94 cents.

Material excavated, sand and boulders.

Repairs, southern outlet.

Paid for labor . . . . .	\$17.50
pipe . . . . .	9.00
	<hr/>
Total . . . . .	\$26.50
New work . . . . .	486.49
	<hr/>
Total expenditure, 1894 . . . . .	\$512.99
Balance January 1, 1894 . . . . .	\$2,133.34
Expended, 1894 . . . . .	512.99
	<hr/>
Balance unexpended . . . . .	\$1,620.35

*Sewers Built in this Precinct to December 31, 1894.*

10-inch pipe	. . . . .	5,063 feet
12- " "	. . . . .	6,544 "
15- " "	. . . . .	2,164 "
Total	. . . . .	<u>13,771</u> "

Length in miles, 2.60.

*Total Length of Sewers Built in City Precinct, 1894.*

30-inch brick	. . . . .	86 feet.
30-inch pipe	. . . . .	546 "
15- " "	. . . . .	1,880 "
12- " "	. . . . .	1,251 "
10- " "	. . . . .	3,777 "
Total	. . . . .	<u>7,540</u> "

## WEST CONCORD.

10-inch pipe	. . . . .	515 feet.
City precinct	. . . . .	7,540 "
West Concord	. . . . .	515 "
Total	. . . . .	<u>8,055</u> "

*Sewers Built in City Precinct to December 31, 1894.*

8-inch pipe	. . . . .	15,556 feet.
10- " "	. . . . .	36,646 "
12- " "	. . . . .	35,133 "
15- " "	. . . . .	9,934 "
18- " "	. . . . .	4,432 "
20- " "	. . . . .	3,434 "
24- " "	. . . . .	1,749 "
30- " "	. . . . .	969 "
Brick, 12 x 14-inch	. . . . .	2,758 "
" 16 x 24- "	. . . . .	1,848 "
" 14 x 22- "	. . . . .	350 "
" 20 x 32- "	. . . . .	2,977 "

Brick, 24 x 36- "	.	.	.	.	.	.	.	17,487 feet
" 28 x 48- "	.	.	.	.	.	.	.	883 "
" 30-inch circular	.	.	.	.	.	.	.	86 "
" 38- " "	.	.	.	.	.	.	.	4,080 "
Total	.	.	.	.	.	.	.	138,322 "

Length of sewers built, 26.19 miles.

The above statement does not include the sewers in West Concord or Penacook precincts.

## STREETS LAID OUT.

Gale street, Tuttle street, Fremont street, Kearsarge street, East Concord, Second street, Wyman court, Cross street, Penacook, Gladstone avenue, First street, North street, Clarke street, and Rollins court (extension).

## GRADES ESTABLISHED.

Jackson West Court.

South sidewalk Jackson West Court.

North sidewalk Jackson West Court.

West sidewalk Jackson street, 233 feet north from Washington street.

East sidewalk Rumford street from Walker to Perkins street.

North sidewalk Walker street, from Bradley to Rumford street.

South sidewalk Downing street from So. State to South street.

East sidewalk So. State street from West to Turnpike street.

South sidewalk Walker street from No. State street 362 feet west.

West sidewalk Pine street from School street 187 feet south.

South sidewalk Pleasant street from So. Main street 85 feet west.

West sidewalk So. Main street from Pleasant street 84 feet south.

East sidewalk Turnpike street from West street 263 feet south.

Street railway, South Street line.

South sidewalk Allison street from Turnpike street 250 feet west.

North sidewalk Sexton's avenue.

South sidewalk Sexton's avenue.

West sidewalk Tahanto street from School to Centre street.

Tahanto street School to Centre street.

Rumford street from Penacook street to No. State street.

Franklin street extension from High to Auburn street.

West sidewalk Valley street from Forest street north.

Second street.

East sidewalk Fremont street.

West sidewalk Fremont street.

Cross street, Penacook.

Respectfully submitted,

W. B. HOWE,

*City Engineer.*

# PUBLIC LIBRARY.

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## REPORT OF THE TRUSTEES.

*To the City Council:*

By an ordinance of the city it is enacted that the trustees of the public library "shall annually, in January, make a report of their doings to the city council, of the amount of all money received and dispensed, how, and for what purpose expended, the conditions and prospects of the library," etc.

In compliance with this requirement, the trustees submit herewith the report of the treasurer of the institution, disclosing its financial condition on the twentieth day of January, 1895, and furnishing a statement in detail of "all money received and dispensed, and how and for what purpose expended."

Concerning the "condition and prospects of the library" the trustees have only to state that its condition is prosperous, and its prospects bright, when viewed in the light of anticipation of that favor and liberality on the part of the city government, on which its usefulness and success mainly depend. Generous appropriations by the city for its support and maintenance are investments which are sure to return large profits in the way of the higher education of the people and their mental and moral development.

The free circulation of good books is a discouragement of idleness, an incentive to industry, a purification of morals and manners, a restraint upon evil, and a promotion and cultivation of honesty, purity, and goodness.

That these benefits of the institution are appreciated by the public is manifested by the circulation, from this library, of more than eighty-five thousand volumes during the last twelve months, an increase of more than five thousand over the preceding year.

A more specific statement of the "condition and prospects of the

library" has usually been presented by the trustees in the annual report to them, of the librarian, which has heretofore been submitted to the city council, in connection with the annual report of the trustees. With deep sorrow we are compelled to state that, in the midst of the preparation of the librarian's report, his busy hand was suddenly arrested by death. Other hands will take up the work he left unfinished, and the usual report will be furnished without unnecessary delay.

On the fourteenth day of January, 1895, Deacon Daniel F. Secomb, for many years the faithful, experienced, industrious, and accomplished librarian of this institution, was called from all earthly scenes and labors, to enter into the rest and receive the rewards promised to all good and faithful servants of the Divine Master.

He loved the work in which he was engaged, and pursued its tasks with enthusiasm. He served the city and its people with true devotion to his duties.

It is a satisfaction to be enabled, through this report, to place upon your records our testimony concerning his fidelity to his trusts, and to express our recognition of his virtues. We comprehend much in few words when we speak of him as an upright and conscientious citizen, a warm-hearted friend, a devoted follower of Christ. His rich legacy to us is the example of a modest, pure, and consecrated life.

CHARLES H. SANDERS,	WARD	1.
JOHN E. FRYE,	"	2.
PAUL R. HOLDEN,	"	3.
WILLIAM L. FOSTER,	"	4.
AMOS J. SHURTLEFF,	"	5.
JAMES S. NORRIS,	"	6.
WILLIAM W. FLINT,	"	7.

Concord, January 21, 1895.

## LIBRARIAN'S REPORT.

*To the Board of Trustees :*

The library has been open every week day through the past year for the delivery of books, and the number of volumes given out each month has been as follows :

	No. vols.
In January, . . . . .	8,127
February, . . . . .	8,240
March, . . . . .	9,412
April, . . . . .	7,575
May, . . . . .	6,974
June, . . . . .	6,568
July, . . . . .	6,206
August, . . . . .	5,861
September, . . . . .	6,238
October, . . . . .	6,672
November, . . . . .	6,838
December, . . . . .	7,226
Total, . . . . .	85,937

## Of which were sent to Penacook :

	No. vols.
In January, . . . . .	839
February, . . . . .	726
March, . . . . .	774
April, . . . . .	680
May, . . . . .	702
June, . . . . .	673
July, . . . . .	684
August, . . . . .	669
September, . . . . .	649
October, . . . . .	715
November, . . . . .	643
December, . . . . .	674
Total, . . . . .	8,428

## INCREASE OF BOOKS.

One thousand four hundred and forty-two books have been purchased, and 49 books and 152 pamphlets received as donations to the library; 136 books have been thrown aside, being worn out and imperfect, and unfit for circulation.

## THE READING ROOM.

The reading room, furnished with magazines and newspapers, has been open to the public, as required, a portion of every day in the year, and has been visited by at least 10,000 readers during the twelve months.

## THE REFERENCE ROOM.

The reference room also has been well patronized, 2,138 persons having been registered as having called to consult the books. Some new and valuable works have been added to its treasures. The magazine reference section has been considerably enlarged.

It is gratifying to announce for the year 1894 an increase of over 5,000 volumes in the circulation. Due acknowledgment should be made of the interior and exterior repairs executed during the summer.

Respectfully submitted :

DANIEL F. SECOMB,  
*Librarian.*

January 1, 1895.

## REPORT OF THE TREASURER.

*To the City Council:*

The balance in the hands of the treasurer, January 1, 1894, was \$487.48; transferred from trust account, \$100, to which have been added the city appropriations of \$6,500, and receipts from the library, \$168.52, making a total of \$7,256, as available funds for the purposes of the library. Of this sum, \$7,034.21 has been expended, as per itemized account, leaving a balance in the hands of the treasurer of \$221.79.

## BALANCE SHEET.

## DR.

Cash on hand January, 1894,	.	.	\$487.48	
Transferred from trust account,	.	.	100.00	
City appropriation,	.	.	6,500.00	
Receipts from library,	.	.	168.52	
			<u>          </u>	\$7,256.00

## CR.

Paid, as per itemized account,	.	.	\$6,500.00	
Repairs,	.	.	512.09	
Incidentals	.	.	22.17	
Cash on hand,	.	.	221.74	
			<u>          </u>	\$7,256.00

## TRUST ACCOUNT.

## DR.

Cash on hand,	.	.	\$100.00	
Received from Lyon fund,	.	.	60.00	
"    Pierce fund,	.	.	37.50	
			<u>          </u>	\$197.50

CR.

Transferred to general account, . . .	\$100.00	
Cash on hand, . . . . .	97.50	
		<u>\$197.50</u>

Respectfully submitted:

WILLIAM P. FISKE,  
*Treasurer.*

**DETAILED ACCOUNT OF EXPENDITURES.**

City appropriation, . . . . .	\$6,500.00
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Paid as follows:

D. F. Secomb, . . . . .	\$1,041.64	
C. F. Brown, . . . . .	468.75	
A. M. Colby, . . . . .	468.75	
W. I. James, . . . . .	358.86	
C. E. Clough, . . . . .	33.25	
M. G. Secomb, . . . . .	69.91	
J. A. Tuck, . . . . .	185.55	
M. C. Caswell, . . . . .	14.00	
A. S. Clark, . . . . .	32.55	
Gas, . . . . .	224.93	
E. C. Eastman, . . . . .	753.76	
Ira C. Evans, . . . . .	346.80	
Books and periodicals, . . . . .	244.55	
Fuel, . . . . .	241.00	
N. S. Gale & Co., . . . . .	52.00	
W. B. Cunningham, . . . . .	52.00	
W. E. Hunt, . . . . .	1,166.58	
Silsby & Son, . . . . .	408.32	
Incidentals, . . . . .	336.80	
		<u>\$6,500.00</u>

# SANITARY DEPARTMENT.

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## REPORT OF THE BOARD OF HEALTH.

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

The Board of Health herewith respectfully transmit the annual report of their executive officer, showing in detail the work of the department during the year. From its summaries it will be seen that the labor of the health officer is each year becoming more important and more salutary, and that the services rendered are indispensable to the citizens of Concord. Mr. Charles E. Palmer has continued to perform the duties of the position to the entire satisfaction of this board, and, we believe, to the general acceptance of the public whose interests he has so carefully subserved. During the year, 650 complaints have received the attention of the health officer, and such orders as he has deemed necessary have been complied with by the parties interested. The number of house to house inspections made during the year was 240, which is much smaller than the sanitary needs of the city demand, or than was contemplated by the ordinance providing for the inspection, and yet all that the other imperative calls upon the officer's time made possible. The greatest service which the health officer can render the public is in the supervision of cases of contagious diseases. To successfully establish and maintain quarantine wherever it is found necessary, with the frequently attendant duties of seeing that thereby no hardship is worked, that proper medical care and nursing are not wanting, requires much time and attention from the officer, and can not be delegated to another.

The ordinance also imposes upon the health officer important duties in relation to the laying of drains, an inspection and record of connections with the public sewers being required of him. During the year, 140 such inspections were made, and complete records of the same filed in the office of the board of health, and of the city clerk. With the growth of the city, which has thus far been con-

tinuous in spite of the prevailing business depression, the health officer must give more, rather than less, time to the duties above enumerated, with the result that fewer house to house inspections will be possible. In the opinion of the board, it would be wise if provision were made for such assistance to the health officer as would permit of a thorough house to house inspection annually, during the early spring.

There has been a gratifying decrease in the number of cases of contagious diseases reported during the year, the total being 164 as compared with 402 in 1893. This comparison indicates the healthfulness of the city, as well as increasing recognition by our people of the necessity for the exercise of the greatest care in the treatment of this class of cases, and thorough compliance with quarantine and other regulations. During the year, the board have sought and received the cooperation of the medical profession of the city, in their consideration of questions pertaining to the wisest and best arrangement of cases of contagious diseases. Conferences have been held, with general and helpful interchange of opinions and experiences, and the board feel certain that the sanitary interests of our city have been advanced thereby. The need still exists, and each year becomes more imperative, for a hospital ward for contagious cases, and the board would most heartily cooperate in any plan or undertaking which had for its object the providing of such place.

The revision of the city ordinances, effected during the year, made practically no change in the sanitary laws of the city. The sentiment in favor of stringent laws to govern the construction or repairing of plumbing, with proper official supervision and inspection, seems to the board to be gaining ground here as elsewhere. The board were represented at a conference, of sanitary officers and others interested, recently held in Manchester, for the purpose of considering proposed state legislation. In the absence of state law covering this subject, the board of health believe it to be for the best interests of all concerned, that provision be made by city ordinance for a more thorough and practical regulation of plumbing than is now required.

E. A. CLARK, M. D.,  
D. E. SULLIVAN, M. D.,  
E. N. PEARSON,

*Board of Health.*

## REPORT OF THE HEALTH OFFICER.

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*To the Board of Health :*

GENTLEMEN : I herewith submit my annual report for the year ending December 31, 1894, with such suggestions as seem to me appropriate at this time.

The general health of the city has been remarkably good, the mortuary reports exceedingly low, and contagious diseases mild in character. The continuation of this healthful condition is the object of this department to maintain.

Six hundred and fifty-two complaints have been received, including those found in making inspections with reference to objects that annoyed, and places that were found to be sources of disease, and dangerous to the health of the community.

Physicians are taking much interest in sanitary matters, and I am frequently requested by them to examine many filthy and unsanitary places. Thus the work enlarges, and each year brings new duties to be performed by the health department.

The following is a summary of nuisances found, and orders were issued for their abatement. These are classified as follows :

Accumulation of decayed fruit and vegetable matter,	12
Accumulation of tin cans and coal ashes,	29
Bad well water,	4
Bad sink drainage,	18
Broken sewer traps,	11
Catch-basins, not trapped,	12
Dead animals,	26
Decayed meat and fish,	3
Defect in house sewers,	9
Dumping rubbish,	21
Damp cellars,	9
Dropping manure in street,	1
Defective plumbing,	19
Filthy stables,	9

Filling old well, . . . . .	1
Filthy cellars, . . . . .	15
Filthy swill barrels, . . . . .	2
Filthy back-yards, . . . . .	28
Filthy alley-ways, . . . . .	2
Foul and offensive cess-pools, . . . . .	16
Keeping hogs and pigs, . . . . .	10
Keeping hens, . . . . .	8
Night-soil not covered, . . . . .	3
Offensive manure heaps, . . . . .	13
Offensive cow yards, . . . . .	2
Offensive privy vaults, . . . . .	102
Offensive catch-basins on street, . . . . .	11
Offensive odor in houses, . . . . .	12
Over-crowded tenement, . . . . .	2
Offensive odor from stables, . . . . .	4
Privy vaults full, . . . . .	33
Private sewers obstructed, . . . . .	22
Sinks found without traps, . . . . .	7
Sewer gas in houses, . . . . .	9
Stagnant water in stable cellars, . . . . .	3
Stagnant water on vacant lots, . . . . .	1
Stagnant water in house cellars, . . . . .	3
Street sewers obstructed, . . . . .	5
Sewers not properly ventilated, . . . . .	27
Surface sink drains, . . . . .	40
Throwing swill in alley-ways, . . . . .	11
Throwing swill in ash-barrels, . . . . .	8
Throwing coal-ashes into street, . . . . .	27
Throwing slops into catch-basins, . . . . .	3
Throwing slops into street, . . . . .	9
Water-closets without water-supply, . . . . .	2
Water-closets not ventilated, . . . . .	13
Water-closets foul and offensive, . . . . .	5
Water-closets out of repair, . . . . .	10

The complaints received, relative to alleged nuisances, were carefully investigated, and the orders issued by the health officer have been complied with, although in some cases it has been found nec-