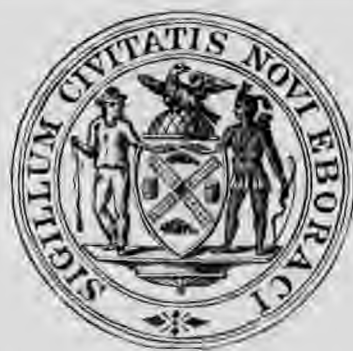


# THE CITY RECORD.

OFFICIAL JOURNAL.

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## BOARD OF ESTIMATE AND APPORTIONMENT.

BOARD OF ESTIMATE AND APPORTIONMENT—CITY OF NEW YORK,  
MAYOR'S OFFICE, CITY HALL,  
FRIDAY, February 4, 1898, 4:30 o'clock P.M.

The Board met in pursuance of the following call:

OFFICE OF THE MAYOR, EXECUTIVE DEPARTMENT,  
CITY HALL, NEW YORK, February 4, 1898.

In pursuance of the authority contained in section 266, Chapter 378 of the Laws of 1897, a meeting is hereby called of the Mayor, Comptroller, Corporation Counsel, President of the Council and President of the Department of Taxes and Assessments, constituting a Board of Estimate and Apportionment, to be held at the office of the Mayor on Friday, February 4, 1898, at 4:30 o'clock P.M., for the purpose of presenting such business as may be brought before the Board.

ROBT. A. VAN WYCK, Mayor.

(CONTINUED.)

Admission of a copy of the minutes served upon on this 4th day of February, 1898.

ROBT. A. VAN WYCK, Mayor.

THOS. S. COLER, Comptroller.

JOHN WHALEN, Corporation Counsel.

RANDOLPH GUGGENBERGER, President of the Council.

THOS. L. FEITNER, President of the Department of Taxes and Assessments.

Present—Robert A. Van Wyck, the Mayor; Thos. S. Coler, the Comptroller; John Whalen, the Corporation Counsel; Randolph Guggenberger, the President of the Council; Thos. L. Feitner, the President of the Department of Taxes and Assessments.

The reading of the minutes of the meetings held January 27, 28, 31, February 1 and 2, 1898, was dispensed with.

On motion, the Board proceeded to the consideration of the Budget for the year 1898. The Comptroller presented the following:

OFFICE OF THE DISTRICT ATTORNEY OF THE COUNTY OF KINGS,  
January 13, 1898.

Departmental Estimate of the expenditure required in the above-mentioned office during the year 1898:

Salary of District Attorney	\$10,000 00
Salaries of Assistants	27,000 00
Salaries of Clerks	12,200 00
Salary of Messenger	1,200 00
Salary of Doorman	600 00
Salaries of Stenographers	4,700 00
Salaries of Detectives (12)	14,400 00
	\$70,100 00
Supplies and Contingencies	10,000 00
	\$80,100 00

J. T. MAREAN, District Attorney of Kings County.

In the Brooklyn tax levy of 1897 there was \$70,000 for the salary account of the District Attorney's office for the current Kings County fiscal year.

There is also an unexpended balance of over \$20,000 of the amount in the 1896 tax levy appropriated to the office for the preceding fiscal year.

The Comptroller made an oral report thereon and offered the following:

Resolved, That, pursuant to the provisions of section 30 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, be and the same are hereby, in part, appropriated and apportioned as follows:

DISTRICT ATTORNEY OF KINGS COUNTY.

Salaries—	
Salary of District Attorney	\$10,000 00
Salaries of Assistants, Clerks and Employees	60,100 00
	\$70,100 00
Contingencies	10,000 00
Total	\$80,100 00

Which was adopted by the following vote:  
Affirmative—The Mayor, Comptroller, Corporation Counsel, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller presented the following:

CLERK'S OFFICE, COUNTY COURT,  
KINGS COUNTY COURT-HOUSE,  
BROOKLYN, January 13, 1898.

To the Honorable the Board of Estimate of The City of New York:

GENTLEMEN—We beg leave to acknowledge the receipt of a resolution of your Board passed January 7, 1898, requesting that estimates of expenditure for the year 1898 be prepared and submitted to your Board by the various Departments, etc., of which the County Court of Kings County is one.

In response to said request we have the honor to submit the following as the statement of the moneys required for the said County Court of Kings County for the year 1898 for salaries and other purposes.

We find to the credit of the County Court of Kings County on December 31, 1897, the sum of \$62,656.46; this sum will be sufficient to pay the salaries and other expenses of this Court for seven-twelfths ( $\frac{7}{12}$ ) of the year 1898. It will be necessary for your Board to provide for the balance of the year 1898, namely, five-twelfths ( $\frac{5}{12}$ ) thereof, for the reason that since January 1, 1896, no provision has been made by the authorities of the City of Brooklyn for the change of the fiscal year from August to January, that of the County of Kings running from August to August, and that of the City of Brooklyn from January to January, it being thus apparent that the county appropriations were only sufficient for seven-twelfths ( $\frac{7}{12}$ ) of each fiscal city year, and we have been unable as yet to obtain this sum from the authorities of the City of Brooklyn, so that our fiscal year may terminate upon January 1.

We estimate that the sum of forty-three thousand dollars will be required for said five-twelfths ( $\frac{5}{12}$ ) of a year, to include salaries and all other expenses attendant upon the Court.

Respectfully submitted,

JOSEPH ASPINALL, }  
WM. B. HURD, JR. } County Judges, Kings County.

Statement of Judge's Clerks and other Employees of the County Court of Kings County,  
January 1, 1898.

Joseph Aspinall, County Judge	Per annum.	\$10,000 00
William H. Hunt, Jr., County Judge		10,000 00
Charles Y. Van Doren, Deputy and Chief Clerk		3,500 00
John B. Acker, Deputy		2,500 00
John F. Moore, Assistant Clerk		2,500 00
Charles H. Foley, Assistant Clerk		2,500 00
Michael H. Keely, Assistant Clerk		2,500 00
George H. Murphy, Assistant Clerk		2,500 00
James G. Fitzgerald, Assistant Clerk		1,800 00
Frank Kalt, Assistant Clerk		1,800 00
Thomas F. Battling, Assistant Clerk		1,800 00
John H. Meehan, Assistant Clerk		1,800 00
James McMahon, Assistant Clerk		1,800 00
John J. Pyburn, Assistant Clerk		1,800 00
John J. Garland, Assistant Clerk		1,800 00
Otto Wuest, Assistant Clerk		1,800 00
William Henstreet, Stenographer		3,000 00
Charles J. Joyce, Stenographer		3,000 00
William Aspinall, Confidential Clerk		2,000 00
William D. Cornell, Confidential Clerk		2,000 00
Joseph G. Giambalao, Interpreter		1,200 00
Gottfried G. Kautmann, Interpreter		1,200 00
Bernard Wolff, Interpreter		1,200 00
T. F. Donovan, Chief Officer		1,800 00
George C. Shevlin, Warden, Grand Jury		1,500 00
Peter F. Hagan, Officer, Acting Clerk		1,500 00
Benjamin P. Childs, Officer, Acting Clerk		1,500 00
Twenty-four (24) Court Attendants, twelve hundred dollars each		28,800 00
		\$99,700 00

2 Judges	\$20,000 00
2 Deputy Clerks	6,000 00
12 Assistant Clerks	34,400 00
2 Stenographers	6,000 00
2 Confidential Clerks	4,000 00
3 Interpreters	3,600 00
1 Chief Officer	1,800 00
1 Warden, Grand Jury	1,500 00
2 Officers, Acting Clerks	3,000 00
24 Officers	28,800 00
	\$99,700 00

And offered the following:

Resolved, That, pursuant to the provisions of section 30 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, be and the same are hereby, in part, appropriated and apportioned, as follows:

COUNTY COURT, KINGS COUNTY.

Salaries—	
Salaries of 2 Judges, at \$10,000 each	\$20,000 00
Salaries of Clerks and Employees	79,700 00
	\$99,700 00

Which was adopted by the following vote:

Affirmative—The Mayor, Comptroller, Corporation Counsel, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller presented the following:

KINGS COUNTY TREASURER'S OFFICE,  
January 29, 1898.

Hon. THOS. S. COLER, New York Comptroller:

DEAR SIR—I have the honor to inclose to you a comparative statement of salary and jury expenditures, increases, etc., as taken from our books.

You will readily see from the large increase in the number of courts during the last three years and the amount of jury fees paid in excess of former years, that it has become necessary under my predecessor's administration, as well as my own, to use one of the Tax Clerks mainly for this duty, to assist the regular Jury Clerk.

On the reverse side of the statement you will find the amount of county town taxes collected for 1897, also for twenty days in January of this year.

Respectfully,

JOHN W. KIMBALL.

	SALARY LIST, 1897	SALARY LIST, 1898.
Treasurer	\$5,000 00	\$5,000 00
Deputy	2,500 00	2,500 00
Chief Accountant, Assistant	2,500 00	2,500 00
Assistant Bookkeeper	1,500 00	1,500 00
Chief Clerk	2,500 00	2,500 00
Tax Clerk	2,000 00	2,000 00
Tax Clerk, ready a Jury Clerk	1,800 00	1,800 00
Jury Clerk	1,500 00	2,500 00
	\$20,300 00	\$21,300 00
Contingent and General Expense Fund	\$200 00	1,400 00
	\$20,500 00	\$22,700 00

Jurors' fees for 1898 (estimate)	\$100,000 00
Jurors' fees for 1897 (actual payments)	94,970 00
Jurors' fees for 1896 (actual payments)	71,085 00
Jurors' fees for 1895 (actual payments)	34,120 00
Increase in 1896 over 1895	\$16,965 00
Increase in 1897 over 1896	23,835 00
Estimated increase in 1898 over 1897	5,080 00





Description of Position, December, 1897.	SALARY.	Increase Decrease.	Additional Force.	SALARY.	BY OLD BOARD ASKED FOR 1897.	BY COMMISSIONER ASKED FOR BY OLD BOARD 1898.	Description, 1897, Discontinued.	1897 SALARY.	Proposed Increase.	ADDITIONAL FORCE.	SALARY.	1898.	
												Asked for by Old Board.	Asked for by Commissioner of Manhattan and Bronx.
5 Ambulance Drivers, 1897	\$450.00	.....	.....	.....	\$450.00	\$450.00	2 Hospital Helpers, each \$140.	\$420.00	.....	2, at \$140.	\$420.00	\$420.00	\$420.00
1 Stationer	.....	.....	.....	.....	.....	.....	10 Hospital Helpers, each at \$144.	1,440.00	.....	16, at \$144.	2,304.00	2,304.00	2,350.00
1 Stationer	.....	.....	.....	.....	.....	.....	2 Hospital Helper	280.00	.....	.....	.....	.....	280.00
1 Chief Clerk	.....	.....	.....	.....	.....	.....	Asked for by old Board for 1897:						
1 Cook	.....	.....	.....	.....	.....	.....	10 Hospital Helpers, each \$144.	1,440.00	.....	.....	.....	2,440.00	.....
1 Cook	.....	.....	.....	.....	.....	.....	2 Hospital Helpers,	280.00	.....	.....	.....	320.00	.....
1 Hospitaler	.....	.....	.....	.....	.....	.....	2 Ambulance Drivers, each \$200.	400.00	.....	.....	.....	2,000.00	.....
1 Inspector	.....	Allocated	.....	.....	.....	.....	Total: .....						
1 Inspector (1897)	.....	.....	.....	.....	.....	.....	\$1,540.00	.....	.....	.....	\$1,020.00	\$3,010.00	\$3,268.00

Harlem Hospital.

Description, 1897, Discontinued.	1897 SALARY.	Proposed Increase.	ADDITIONAL FORCE.	SALARY.	ASKED FOR BY OLD BOARD.	ASKED FOR BY COMMISSIONER OF MANHATTAN AND BRONX.
Supervising Nurse	\$500.00	.....	.....	.....	\$500.00	\$500.00
Druggist	.....	.....	.....	.....	100.00	200.00
Inspector	.....	.....	.....	.....	50.00	50.00
Drivers, 3, at \$300 each	900.00	.....	.....	.....	1,200.00	1,200.00
Hospital Orderly	.....	.....	.....	.....	150.00	200.00
Hospital Helpers (at \$144)	1,254.00	.....	16, at \$144	2,304.00	1,154.00	1,024.00
Hospital Helpers, 2, at \$120	240.00	.....	.....	.....	240.00	192.00
Laundress	.....	.....	.....	.....	.....	.....
Cook	.....	.....	.....	.....	50.00	50.00
Assistant Cook	.....	.....	.....	.....	100.00	100.00
Waitress	.....	.....	.....	.....	120.00	120.00
Asked for by old Board for 1897:						
10 Hospital Helpers, at each \$144	.....	.....	.....	.....	1,440.00	.....
2 Hospital Helper, at \$120	.....	.....	.....	.....	240.00	.....
2 Ambulance Drivers, at \$200 each	.....	.....	.....	.....	400.00	.....
Total: .....						
	\$1,540.00	.....	.....	\$1,800.00	\$3,030.00	\$2,728.00

Fordham Hospital.

Description, 1897, Discontinued.	1897 SALARY.	Proposed Increase.	ADDITIONAL FORCE.	SALARY.	ASKED FOR BY OLD BOARD.	ASKED FOR BY COMMISSIONER OF MANHATTAN AND BRONX.
Supervising Nurse	\$500.00	.....	.....	.....	\$500.00	\$500.00
Ambulance Drivers, 3, at \$300 each	900.00	.....	.....	.....	1,200.00	1,200.00
Apothecary	.....	.....	.....	.....	150.00	200.00
Skilled Helper	.....	.....	.....	.....	50.00	50.00
Cook	.....	.....	.....	.....	50.00	50.00
Waitress	.....	.....	.....	.....	100.00	100.00
Laundress	.....	.....	.....	.....	.....	.....
Assistant Laundress	.....	.....	.....	.....	114.00	114.00
Hospital Helper, 3, at \$120	360.00	.....	.....	.....	750.00	750.00
Hospital Helper, 2, at \$144	288.00	.....	2, at \$144	288.00	270.00	1,170.00
Nurse	.....	.....	.....	.....	.....	.....
Asked for by old Board for 1897:						
2 Night Nurses, at \$250 each	.....	.....	.....	.....	500.00	350.00
3 Hospital Helpers, at \$144 each	.....	.....	.....	.....	720.00	.....
2 Hospital Helper, at \$120	.....	.....	.....	.....	240.00	.....
1 Hospital Orderly, at \$100	.....	.....	.....	.....	100.00	.....
1 Ambulance Driver, at \$300	.....	.....	.....	.....	300.00	.....
Total: .....						
	\$1,540.00	.....	.....	\$370.00	\$3,118.00	\$3,194.00

City Hospital.

Description, 1897, Discontinued.	1897 SALARY.	Proposed Increase.	ADDITIONAL FORCE.	SALARY.	1898.	
					Asked for by Old Board.	Asked for by Commissioner of Manhattan and Bronx.
Supervising Nurse	\$1,200.00	.....	.....	.....	\$1,200.00	.....
Inspector	.....	.....	.....	.....	450.00	450.00
Apothecary	.....	.....	.....	.....	450.00	450.00
2 Drivers, each \$150	300.00	.....	.....	.....	1,500.00	1,500.00
1 Driver	.....	.....	.....	.....	250.00	250.00
Cook	.....	.....	.....	.....	250.00	250.00
Assistant Cook	.....	.....	.....	.....	.....	192.00
Hospital Orderly	.....	.....	.....	.....	200.00	200.00
Waitress	.....	.....	.....	.....	240.00	240.00
Laundress	.....	.....	.....	.....	240.00	240.00
Assistant Laundress	.....	.....	.....	.....	250.00	250.00

Description, Discontinued, 1897.	SALARY.	PROPOSED INCREASE.	ADDITIONAL FORCE.	SALARY.	ASKED FOR BY OLD BOARD, 1897.	ASKED FOR BY COMMISSIONER, 1898.
1 Superintendent	\$5,000.00	.....	.....	.....	\$5,000.00	\$5,000.00
1 Deputy Superintendent	1,500.00	.....	.....	.....	1,500.00	1,500.00
2 Supervising Nurses, at \$250	500.00	.....	.....	.....	1,500.00	1,500.00
2 Supervising Night Nurse	450.00	.....	.....	.....	450.00	450.00
1 Apothecary	.....	.....	.....	.....	300.00	300.00
1 Assistant Pathologist	1,000.00	.....	.....	.....	1,000.00	1,000.00
2 Chaplains, at \$150 each	300.00	.....	.....	.....	300.00	300.00
2 Engineers	.....	.....	.....	.....	300.00	300.00
2 Assistant Engineers, at \$720	1,440.00	.....	.....	.....	1,440.00	1,440.00
2 Foreman	.....	.....	.....	.....	300.00	300.00
1 Skilled Laborer	.....	.....	.....	.....	450.00	450.00







No. 1897	No. 1898	Dispositions.	Salary Paid 1897.	Amounts Added for 1898.	No. 1897	No. 1898	Dispositions.	Salary Paid 1897.	Amounts Added for 1898.
1	4	Male Servant	\$200.00	\$200.00	1	1	Fireman	\$200.00	\$200.00
1	4	Chambermaids, at \$1.00	140.00	200.00	1	2	Fireman, at \$1.00	1,200.00	1,000.00
1	3	Fireman	350.00	350.00	1	2	Leadmen, at \$5.00	500.00	600.00
1	1	Watchman, at \$1.00	500.00	500.00	1	1	Inspector	700.00	700.00
1	1	Laundress	240.00	240.00	1	1	Druggist	400.00	400.00
1	1	Night Orderly	100.00	100.00	1	2	Assistant Cooks, at \$1.00	480.00	400.00
1	1	Cook	200.00	200.00	1	1	Assistant Cook	100.00	120.00
1	1	Eastern Girl	144.00	144.00	10	11	Nurses, at \$1.00	1,800.00	2,000.00
		<b>Increase in Force—</b>			10	27	Assistant Nurses, at \$1.00	2,200.00	1,440.00
		Paid Nurses			2	1	Nurses, at \$1.00	1,200.00	1,200.00
		" "			1	1	" \$1.00	1,440.00	1,440.00
		Chambermaid			1	1	Nitrician	150.00	150.00
		Paid Nurse			1	1	Hospital Orderlies, at \$1.00	1,400.00	1,300.00
					1	1	" \$1.00	1,200.00	1,100.00
					1	1	" \$2.00	500.00	500.00
			\$1,900.00	\$1,794.00	1	1	Hospital Orderly		400.00
		<b>New 1898, Training School for Nurses.</b>			1	1	Hospital Orderlies, at \$1.00	400.00	340.00
		Superintendent	\$1,500.00	\$1,500.00	1	1	" \$1.00	140.00	150.00
		Assistant Superintendent	1,200.00	1,200.00	1	1	Hospital Orderly	20.00	30.00
		Head Nurse, at \$1.00	2,500.00	2,400.00	1	1	" "	140.00	140.00
		Graduate Night Nurse, at \$1.00	700.00	600.00	1	1	Hospital Helpers, at \$1.00	600.00	500.00
		Paid Nurses, at \$1.00	7,000.00	6,200.00	11	11	" \$1.00	1,000.00	1,000.00
		" \$1.00	412.00		1	1	Hospital Helpers, at \$1.00	140.00	140.00
		" \$1.00	5,200.00		1	1	Hospital Helpers	140.00	140.00
		Hospital Nurse	400.00	400.00	1	1	Student Nurses, at \$1.00	300.00	350.00
		Cook	100.00	100.00	1	1	" "	100.00	100.00
		Night Watchman	440.00	440.00	1	1	" "	100.00	100.00
		Watchman, at \$1.00	100.00	100.00	1	1	" "	100.00	100.00
		Kitchen Help	144.00	144.00	1	1	" "	100.00	100.00
		Scrubber	144.00	144.00	1	1	" "	100.00	100.00
		Charwoman	144.00	144.00	1	1	" "	100.00	100.00
		" "	30.00	30.00	1	1	" "	100.00	100.00
		Porter	120.00	120.00	1	1	" "	100.00	100.00
		Paid Nurses, at \$1.00		13,000.00	1	1	Hospital Nurses	2,400.00	2,400.00
		<b>Increase in Force—</b>			1	1	Student Nurses, at \$1.00	350.00	300.00
		Head Nurse			1	1	Nurses, at \$1.00		1,000.00
		Kitchen Help			1	1	Nurses		300.00
		Paid Nurses							2,000.00
			\$16,470.00	\$14,290.00					2,000.00
		<b>Lawrence Hospital</b>							
		Supervising Nurse	1,500.00	1,500.00					
		Inspector	480.00	480.00					
		Apothecary	400.00	400.00					
		Drivers, at \$1.00	2,000.00	2,000.00					
		Druggist	300.00	300.00					
		Watchman	300.00	300.00					
		Cook	200.00	200.00					
		Assistant Cooks		1,000.00					
		Laundress	40.00	40.00					
		Hospital Orderly	200.00	200.00					
		Hospital Helpers, at \$1.00	1,000.00	1,000.00					
		" \$1.00	200.00	200.00					
		Hospital Helpers	100.00	100.00					
		Assistant Laundress	180.00	180.00					
		<b>Increase in Force—</b>							
		Hospital Helpers							
		" "							
			\$4,900.00	\$4,700.00					
		<b>Washington Hospital</b>							
		Supervising Nurse	2,200.00	2,200.00					
		Assistant Apothecary	400.00	400.00					
		Drivers, at \$1.00	1,200.00	1,200.00					
		Student Help	800.00	800.00					
		Laundress	240.00	240.00					
		Assistant Laundress	144.00	144.00					
		Cook	260.00	260.00					
		Nurse		100.00					
		Watchman	160.00	160.00					
		Hospital Helpers, at \$1.00	720.00	1,100.00					
		" \$1.00	1,200.00	720.00					
		<b>Increase in Force—</b>							
		Hospital Helper							
					10	27			
					27	23			
		<b>Metropolitan Hospital, Brookville, N. Y.</b>							
		Superintendent	\$2,000.00	\$2,000.00					
		Inspector	600.00	600.00					
		Director	800.00	800.00					
		Cook	480.00	480.00					

20,140.00

\$7,940.00

\$2,700.00

\$1,100.00

144.00



No. City.	No. 1898.	Description.	SALARY PER MO.	AMOUNT ANNUAL.	No. City.	No. 1898.	Description.	SALARY PER MO.	AMOUNT ANNUAL.	
1	1	Chief Clerk	\$144 00	\$1,728 00	1	1	Hospital Helper	50 00	600 00	
2	2	Chief Clerk	144 00	1,728 00	2	2	Hospital Helper, at \$25	25 00	300 00	
3	3	Nurses (male), at \$200	1,200 00	1,200 00	3	3	Hospital Orderly	50 00	600 00	
4	4	Nurse (male)	100 00	1,200 00	4	4	Hospital Orderly, at \$25	25 00	300 00	
5	5	Morgue Keeper	100 00	1,200 00	5	5	Hospital Orderly	50 00	600 00	
6	6	Gardener	100 00	1,200 00	6	6	Hospital Orderly, at \$25	25 00	300 00	
7	7	Tinsmith	75 00	900 00	7	7	" " at \$200	200 00	2,400 00	
8	8	Helpers (male), at \$25	144 00	1,728 00	8	8	Maternity Helper, at \$25	25 00	300 00	
9	9	Receiving Orderly (female)	50 00	600 00	9	9	Skilled Helper	50 00	600 00	
10	10	Hospital Orderly	50 00	600 00	10	10	Hospital Orderly	50 00	600 00	
11	11	Cook (male)	114 00	1,368 00	11	11	<i>General Hospital</i>			
12	12	Hospital Helper (female)	50 00	600 00	12	12	Orderly, at \$25	25 00	300 00	
13	13	Hospital Orderly (female), at \$25	25 00	300 00	13	13	Nurses at \$25	250 00	3,000 00	
14	14	Laundry	50 00	600 00	14	14	Additional appointments—			
<b>Additional Appointments—</b>				422,700 00	Night Nurse				50 00	600 00
15	15	Chief Cook	100 00	1,200 00	15	15	Increase in force—			
16	16	Baker	50 00	600 00	16	16	Nurses	1,000 00	12,000 00	
17	17	Assistant Superintending Nurse	100 00	1,200 00	17	17	Hospital Helper	50 00	600 00	
18	18	Electrician, at \$40	480 00	5,760 00	18	18	Hospital Orderly	50 00	600 00	
<b>Increase in Force—</b>				1,000 00	Total				1,000 00	12,000 00
19	19	Inspector	100 00	1,200 00	19	19	<i>Sanitary Board, Health and Schools</i>			
20	20	Fireman	100 00	1,200 00	20	20	Superintendent	500 00	6,000 00	
21	21	Nurse (male)	100 00	1,200 00	21	21	Matron	45 00	540 00	
22	22	" (male)	100 00	1,200 00	22	22	Chaplain	50 00	600 00	
23	23	Hospital Helper (male)	50 00	600 00	23	23	"	50 00	600 00	
<b>Total</b>				491,700 00	5,900,400 00	24	24	"	50 00	600 00
<i>Boston Hospital</i>				450 00	5,400 00	25	25	Teacher	75 00	900 00
25	25	Superintending Nurse	150 00	1,800 00	26	26	Teachers, at \$20	400 00	4,800 00	
26	26	Druggist	100 00	1,200 00	27	27	"	200 00	2,400 00	
27	27	Inspector	100 00	1,200 00	28	28	Cook	50 00	600 00	
28	28	Electrician, at \$40	480 00	5,760 00	29	29	Assistant Cook	50 00	600 00	
29	29	Cook	100 00	1,200 00	30	30	Director, at \$25	250 00	3,000 00	
30	30	Assistant Cook	50 00	600 00	31	31	"	50 00	600 00	
31	31	Laundress	50 00	600 00	32	32	Teller	100 00	1,200 00	
32	32	Waitress	50 00	600 00	33	33	Inspector	100 00	1,200 00	
33	33	Hospital Orderly	50 00	600 00	34	34	"	50 00	600 00	
34	34	Hospital Helper, at \$25	1,218 00	14,616 00	35	35	Sanitary	50 00	600 00	
35	35	Hospital Helper, at \$20	300 00	3,600 00	36	36	"	50 00	600 00	
<b>Increase in Force—</b>				1,000 00	12,000 00	37	37	"	50 00	600 00
36	36	Hospital Helper	50 00	600 00	38	38	"	50 00	600 00	
37	37	Hospital Orderly	50 00	600 00	39	39	"	50 00	600 00	
<b>Total</b>				45,000 00	540,000 00	40	40	Gardener	100 00	1,200 00
<i>City Hospital</i>				450 00	5,400 00	41	41	Shoemaker	50 00	600 00
41	41	Superintendent	500 00	6,000 00	42	42	Pharmacist	50 00	600 00	
42	42	Deputy Superintendent	400 00	4,800 00	43	43	Janitor	50 00	600 00	
43	43	Chaplain, at \$25	250 00	3,000 00	44	44	Bathmatman	50 00	600 00	
44	44	Engineer	100 00	1,200 00	45	45	Laundress	50 00	600 00	
45	45	Assistant Engineers, at \$20	1,100 00	13,200 00	46	46	"	50 00	600 00	
46	46	Apothecary	100 00	1,200 00	47	47	Hospital Helper, at \$25	1,200 00	14,400 00	
47	47	Assistant Apothecary	50 00	600 00	48	48	"	50 00	600 00	
48	48	Pathologist	1,000 00	12,000 00	49	49	"	50 00	600 00	
49	49	Nurses, at \$24	720 00	8,640 00	50	50	Hospital Orderly, at \$20	1,000 00	12,000 00	
50	50	Battlem	50 00	600 00	51	51	"	50 00	600 00	
51	51	Domestic	50 00	600 00	52	52	"	50 00	600 00	
52	52	"	50 00	600 00	53	53	"	50 00	600 00	
53	53	Chief Clerk	100 00	1,200 00	54	54	"	50 00	600 00	
54	54	Assistant Cook	50 00	600 00	55	55	"	50 00	600 00	
55	55	Dinner's Cook	50 00	600 00	56	56	"	50 00	600 00	
56	56	Superintendent's Cook	50 00	600 00	57	57	"	50 00	600 00	
57	57	Skilled Laborer	150 00	1,800 00	58	58	"	50 00	600 00	
58	58	Skilled Helper	50 00	600 00	59	59	"	50 00	600 00	
59	59	"	50 00	600 00	60	60	"	50 00	600 00	
60	60	Seamstress	50 00	600 00	61	61	Waitress	50 00	600 00	
61	61	Inspectors, at \$20	500 00	6,000 00	62	62	Seward	50 00	600 00	
62	62	Inspector	100 00	1,200 00	63	63	Skilled Helper	50 00	600 00	
63	63	Supervising Nurse, at \$25	1,250 00	15,000 00	64	64	Waiter	50 00	600 00	
64	64	Fireman	100 00	1,200 00	65	65	Inspector	100 00	1,200 00	
65	65	Morgue Superintendent	100 00	1,200 00	66	66	Increase in force—			
66	66	Florist	50 00	600 00	67	67	Hospital Helper	50 00	600 00	
67	67	Laundress	50 00	600 00	68	68	Hospital Orderly	50 00	600 00	
68	68	Assistant Laundress	50 00	600 00	69	69	<i>General Hospital</i>			
69	69	Carpenter	100 00	1,200 00	70	70	Assistant Chief of Staff	500 00	6,000 00	
70	70	Female Closets room Keeper	100 00	1,200 00	71	71	Stenographer	50 00	600 00	
71	71	Hospital Helpers, at \$20	50 00	600 00	72	72	Fireman	100 00	1,200 00	
72	72	"	50 00	600 00	73	73	Fireman, at \$25	1,200 00	14,400 00	
73	73	"	50 00	600 00	74	74	Blasphemy	50 00	600 00	
74	74	"	50 00	600 00	75	75	Engineer	100 00	1,200 00	
75	75	"	50 00	600 00	76	76	Cook	50 00	600 00	
76	76	"	50 00	600 00	77	77	Cook	50 00	600 00	

No. Ord.	No. 1898	Description	Budgeted Part, 1897	Amounts Allocated, 1898
1	1	Mainten.	200 00	200 00
2	2	Gasometers	150 00	150 00
3	3	Night Watchmen	480 00	480 00
4	4	Coal Expenses	80 00	80 00
5	5	Assessors' Salaries	200 00	200 00
6	6	Expenses	300 00	300 00
7	7	Printing	100 00	100 00
8	8	Provision	200 00	200 00
9	9	Insurance	200 00	200 00
10	10	Lighting	100 00	100 00
11	11	Water	100 00	100 00
12	12	Laundry	400 00	400 00
13	13	Hospital Expenses	1,500 00	1,500 00
14	14	Board of Health	1,400 00	1,400 00
15	15	Water	100 00	100 00
16	16	Hospital Orderlies	200 00	200 00
17	17	Assessors' Salaries	200 00	200 00
18	18	Assessors' Salaries	200 00	200 00
19	19	Assessors' Salaries	200 00	200 00
20	20	Assessors' Salaries	200 00	200 00
21	21	Assessors' Salaries	200 00	200 00
22	22	Assessors' Salaries	200 00	200 00
23	23	Assessors' Salaries	200 00	200 00
24	24	Assessors' Salaries	200 00	200 00
25	25	Assessors' Salaries	200 00	200 00
26	26	Assessors' Salaries	200 00	200 00
27	27	Assessors' Salaries	200 00	200 00
28	28	Assessors' Salaries	200 00	200 00
29	29	Assessors' Salaries	200 00	200 00
30	30	Assessors' Salaries	200 00	200 00
31	31	Assessors' Salaries	200 00	200 00
32	32	Assessors' Salaries	200 00	200 00
33	33	Assessors' Salaries	200 00	200 00
34	34	Assessors' Salaries	200 00	200 00
35	35	Assessors' Salaries	200 00	200 00
36	36	Assessors' Salaries	200 00	200 00
37	37	Assessors' Salaries	200 00	200 00
38	38	Assessors' Salaries	200 00	200 00
39	39	Assessors' Salaries	200 00	200 00
40	40	Assessors' Salaries	200 00	200 00
41	41	Assessors' Salaries	200 00	200 00
42	42	Assessors' Salaries	200 00	200 00
43	43	Assessors' Salaries	200 00	200 00
44	44	Assessors' Salaries	200 00	200 00
45	45	Assessors' Salaries	200 00	200 00
46	46	Assessors' Salaries	200 00	200 00
47	47	Assessors' Salaries	200 00	200 00
48	48	Assessors' Salaries	200 00	200 00
49	49	Assessors' Salaries	200 00	200 00
50	50	Assessors' Salaries	200 00	200 00

No. Ord.	No. 1898	Description	Budgeted Part, 1897	Amounts Allocated, 1898
1	1	Printing	500 00	500 00
2	2	Salaries	100 00	100 00
3	3	Gasometers	100 00	100 00
4	4	Gasometers	100 00	100 00
5	5	Gasometers	100 00	100 00
6	6	Gasometers	100 00	100 00
7	7	Gasometers	100 00	100 00
8	8	Gasometers	100 00	100 00
9	9	Gasometers	100 00	100 00
10	10	Gasometers	100 00	100 00
11	11	Gasometers	100 00	100 00
12	12	Gasometers	100 00	100 00
13	13	Gasometers	100 00	100 00
14	14	Gasometers	100 00	100 00
15	15	Gasometers	100 00	100 00
16	16	Gasometers	100 00	100 00
17	17	Gasometers	100 00	100 00
18	18	Gasometers	100 00	100 00
19	19	Gasometers	100 00	100 00
20	20	Gasometers	100 00	100 00
21	21	Gasometers	100 00	100 00
22	22	Gasometers	100 00	100 00
23	23	Gasometers	100 00	100 00
24	24	Gasometers	100 00	100 00
25	25	Gasometers	100 00	100 00
26	26	Gasometers	100 00	100 00
27	27	Gasometers	100 00	100 00
28	28	Gasometers	100 00	100 00
29	29	Gasometers	100 00	100 00
30	30	Gasometers	100 00	100 00
31	31	Gasometers	100 00	100 00
32	32	Gasometers	100 00	100 00
33	33	Gasometers	100 00	100 00
34	34	Gasometers	100 00	100 00
35	35	Gasometers	100 00	100 00
36	36	Gasometers	100 00	100 00
37	37	Gasometers	100 00	100 00
38	38	Gasometers	100 00	100 00
39	39	Gasometers	100 00	100 00
40	40	Gasometers	100 00	100 00
41	41	Gasometers	100 00	100 00
42	42	Gasometers	100 00	100 00
43	43	Gasometers	100 00	100 00
44	44	Gasometers	100 00	100 00
45	45	Gasometers	100 00	100 00
46	46	Gasometers	100 00	100 00
47	47	Gasometers	100 00	100 00
48	48	Gasometers	100 00	100 00
49	49	Gasometers	100 00	100 00
50	50	Gasometers	100 00	100 00

No. Ord.	No. Nov. Ord.	No. 1898	Description	Salaries, November, 1897	Salaries, August, 1897	Amounts Allocated, 1898
1	1		Departmental	44,200 00	41,000 00	
2	2		Engineers' Salaries	5,000 00	5,000 00	
3	3		Night Officers' Salaries	1,400 00	700 00	
4	4		Physicians' Salaries	1,000 00	500 00	
5	5		Helpers	500 00	300 00	
6	6		"	444 00	444 00	
7	7		Assistant Superintendent	1,000 00	1,000 00	
8	8		Investigators, at \$100	1,000 00	1,000 00	
9	9		Helpers, at \$100	400 00	400 00	
				49,144 00	45,014 00	49,000 00

COMMISSIONER OF PUBLIC CHARITIES,  
BOROUGH OF BROOKLYN AND QUEENS, NO. 20 ELM PLACE,  
BOROUGH OF BROOKLYN, NEW YORK CITY, JANUARY, 25, 1898.

To the Board of Estimate and Apportionment of The City of New York:  
GENTLEMEN—I submit to your Honorable Body the following as an estimate of the expenses of this Department for the Boroughs of Brooklyn and Queens:

Salaries	\$106,116 00
Supplies	184,804 31
Additions, alterations, repairs	10,000 00
Fire escapes	12,000 00
Burial of pauper dead	3,000 00
Transportation of paupers	1,000 00
Four adult blind	10,000 00
Reus	5,564 00
Donations to G. A. R. Veterans	14,925 64
Temporary relief	5,000 00
County wards	397,742 50
Contingent Expenses—	
Foundlings	500 00
Investigators' disbursements	1,000 00
Postage, \$500; general disbursements, \$1,000	1,500 00
<b>Total</b>	<b>\$751,152 45</b>

BROOKLYN, N. Y., January 25, 1898.  
To the Board of Estimate and Apportionment of The City of New York:  
GENTLEMEN—The following positions exist in the Department of Charities for the Boroughs of Brooklyn and Queens:

Commissioner, per annum	\$7,500 00
Deputy Commissioner, per annum	5,000 00
Chief Clerk, per annum	2,500 00
Bookkeeper, per annum	1,800 00
Relief Clerk, per annum	2,200 00
2 Clerks, per annum each	1,800 00
Clerk, per annum	1,200 00
Warrant Officer, per annum	1,200 00
Warrant Officer, per annum	1,000 00
Investigator, per annum	1,200 00
5 Investigators, per annum each	1,000 00

2 Examiners in Lunacy, per annum each	\$1,800 00
Stenographer, per annum	900 00
Messenger, per annum	1,000 00
Janitor, per annum	480 00
Morgue Keeper, per annum	1,500 00
Stenographer, per annum	2,400 00
Storekeeper's Clerk, per annum	1,500 00
Storekeeper's Clerk, per annum	900 00
Baker, per annum	600 00
Superintendent Almshouse, per annum	1,800 00
Steward, per annum	1,200 00
2 Matrons, per annum each	480 00
Assistant Matron, per annum	420 00
Cook, per annum	480 00
Waitress, per annum	144 00
Watchman, per annum	144 00
2 Chaplains, per annum each	420 00
Engineer, per annum	1,200 00
Fireman, per annum	780 00
Driver, per annum	720 00
9 Drivers, per annum each	600 00
2 Carpenters, per day each	2 75
Plasterer, per day	3 25
2 Plumbers, per day each	3 00
Steam Fitter, per day	3 00
Mason, per day	5 00
Medical Superintendent Hospital, per annum	3,500 00
Assistant Medical Superintendent, per annum	1,000 00
Steward, per annum	1,000 00
Clerk, per annum	600 00
Apothecary, per annum	1,200 00
Apothecary, per annum	780 00
Apothecary, per annum	480 00
Engineer, per annum	1,200 00
Fireman, per annum	780 00
Laundryman, per annum	600 00
Watchman, per annum	420 00
Cook, per annum	360 00
Cook, per annum	240 00
Cook, per annum	300 00
Morgue Keeper, per annum	360 00
Laborer, helper, per annum	300 00
Stenographer, per annum	210 00
Elevator Operator, per annum	240 00
Doorman, per annum	288 00
Doorman, per annum	210 00
Attendant, per annum	240 00
Attendant, per annum	210 00
Nurse, per annum	360 00
5 Nurses, per annum each	300 00
3 Nurses, per annum each	264 00
6 Nurses, per annum each	240 00
14 Nurses, per annum each	210 00
Supervisor Training School, per annum	600 00
Supervising Nurse, per annum	600 00
2 Supervising Nurses, per annum each	420 00
Matron, per annum	480 00
U. R. Nurse, per annum	360 00
School Teacher, per annum	720 00
Seamstress, per annum	240 00
Waitress, per annum	192 00
Waitress, per annum	240 00
Waitress, per annum	210 00
Waitress, per annum	192 00
Waitress, per annum	144 00
Laundress, per annum	210 00
Laundress, per annum	240 00
2 Laundresses, per annum each	144 00
9 Senior Nurses, per annum each	300 00
3 Nurses, per annum each	240 00
6 Nurses, per annum each	210 00
3 Nurses, per annum each	168 00
12 Paup' Nurses, per annum each	90 00

Total	\$99,616 00
Salaries for 1898	\$99,616 00
For additional employees by reason of the annexation of Queens County, consisting of 1 Clerk, \$1,500; 4 Assistant Physicians, \$500 each; 3 Investigators, \$1,000 each	6,500 00
Total	\$106,116 00

<i>Supplies.</i>	
Year 1897	\$135,367 50
Estimated increase for the support of paupers and sick from the Borough of Queens, 10 per cent	15,367 00
Total	\$172,004 31
Furnishing of 2 Administration buildings, estimated cost, \$2,500 each	5,000 00
For estimated increase of pauper and sick for the Borough of Kings for the year 1898	7,800 00
Total	\$184,804 31

<i>Additions, Alterations, Repairs.</i>	
Crematory, at Almshouse for Almshouse and Hospital, estimated cost	\$3,500 00
Repairs to buildings, estimated	6,500 00
Total	\$10,000 00
Fire-escapes	\$12,000 00
Burial of pauper dead— For burial of pauper dead in Borough of Brooklyn, estimated	\$1,500 00
For burial of pauper dead in Borough of Queens, estimated	1,500 00
Total	\$3,000 00

Transportation of persons to be sent to other States or Countries, estimated	\$1,000 00
Poor adult blind	10,000 00
Rents— No. 27 Elm place	\$900 00
No. 29 Elm place	1,400 00
No. 156 Third street, Long Island City	264 00
Probable increase	500 00
Rent for branch offices, Queens County, other than Long Island City	300 00

<i>Grand Army Veterans.</i>	
Borough of Brooklyn in 1897	\$7,225 64
Borough of Queens— Flushing	1,000 00
Jamaica	900 00
Hempstead	1,500 00
Newtown	500 00
Long Island City	2,500 00
Increase for Borough of Brooklyn for 1898	1,300 00
Total	\$14,925 64

Temporary relief	\$25,000 00
<i>County Wards.</i>	
December 31, 1897, 3,468 children in various homes, at 25 cents per day amounts to	\$314,925 00
This does not include the cost of maintenance of children in Queens County where a different system prevailed. I have thus far received reports of only 178 children maintained in the Borough of Queens. I am satisfied that there is a large number not yet reported and will not be until they present their bills. I estimate the cost of maintenance for children from the Borough of Queens at	75,000 00
Estimated increase of number of children from both Boroughs for the year 1898, 2 per cent	7,820 00
Total	\$397,749 00
Contingent expenses— Foundlings	\$500 00
Investigators' disbursements	1,000 00
Postage, \$500; general disbursements, \$1,000	1,500 00

<i>ESTIMATE OF EXPENSES, PUBLIC CHARITIES—BOROUGH OF RICHMOND.</i>		
	1897	1898
1. Salary, Commissioner	1,000 00	1,000 00
2. " Deputy Commissioner, subject to approval of Board of Estimate and Apportionment and Municipal Assembly	1,800 00	1,800 00
3. " Clerk in Commission	1,000 00	1,000 00
4. " Investigators, temporary relief, vacancies and indigent persons, (over 100)	1,500 00	1,500 00
5. " Superintendent and Keeper of Almshouse and County Farm	1,000 00	1,000 00
6. " Clerk at Almshouse	400 00	400 00
7. " Matron at Almshouse	480 00	480 00
8. " Assistant Matron at Almshouse	420 00	420 00
9. " Steamcooks at Almshouse	300 00	300 00
10. " Foreman and Farmmen at Almshouse	400 00	400 00
11. " Burial at Almshouse	1,400 00	1,400 00
12. " Watchman at Almshouse	420 00	420 00
13. " Physicians at Almshouse	200 00	200 00
14. Children's board	100 00	100 00
15. Almshouse	1,000 00	1,000 00
16. Money, fish and poultry	1,000 00	1,000 00
17. Housewary, fuel, implements, furniture and wood	1,000 00	1,000 00
18. Dry goods and clothing	1,000 00	1,000 00
19. Blacksmithing and tailory	1,000 00	1,000 00
20. Medicines	1,000 00	1,000 00
21. Hospital charges	1,000 00	1,000 00
22. Lumber and iron materials	1,000 00	1,000 00
23. Fuel and wood	1,000 00	1,000 00
24. Oil, coal and kerosene	1,000 00	1,000 00
25. Bedsteads, mattresses and blankets	1,000 00	1,000 00
26. Repairs to buildings, etc., white lead	1,000 00	1,000 00
27. Contingencies, to wit—Dumpling for Laundry, 2 years, 2 hours, 2 hay-racks, 1 miscellaneous supplies, telephone apparatus	775 94	775 94
28. Temporary relief (chapter 339, Laws of 1897)	1,200 00	1,200 00
29. Relief of indigent veterans (chapter 706, Laws of 1897; chapter 106, Laws of 1888)	1,000 00	1,000 00
Total	\$10,110 00	\$10,110 00

NOTE—  
Item 4. Investigators take the place of Town Overseers of the Poor, who investigated and distributed the temporary relief (Our-door Poor), under chapter 239, Laws of 1890. Compensation of these Overseers, from November, 1896, to November, 1897, was \$2,182, paid out of the County funds, and not out of the moneys appropriated for the Poorhouse account.  
Item 28. See chapter 339, Laws of 1897. Amount levied in the budget adopted by the Board of Supervisors December 28, 1897.  
Item 29. See chapter 706, Laws of 1897; chapter 261, Laws of 1888. Amount levied in the budget adopted by the Board of Supervisors December 28, 1897.  
GENERAL NOTE.—The amount levied by the Board of Supervisors (December 28, 1897, County Budget), for the maintenance, etc., of the Poorhouse is \$25,000. Of this amount \$5,000 is to pay for indebtedness incurred in excess of the appropriation for 1897, leaving \$20,000 for 1898.

<i>RECAPITULATION.</i>	
Total estimated for 1898	\$41,176 00
Total 1897	31,579 65
Excess 1898 over 1897	\$9,596 35
Estimated for 1898	\$41,176 00
Levied by Board of Supervisors for expenses, 1898— Poorhouse	\$20,000 00
Temporary relief	3,741 00
Veterans	1,000 00
Total	24,741 00
Balance	\$16,435 00

DEPARTMENT OF PUBLIC CHARITIES,  
COMMISSIONERS' OFFICE, NO. 66 THIRD AVENUE,  
NEW YORK, January 20, 1898.

To the Honorable the Board of Estimate and Apportionment:  
GENTLEMEN—At the hearing before your Honorable Board yesterday, the Mayor requested me to send to you, in writing, a report from the Supervising Engineer of this Department concerning needed alterations and repairs. I have the honor to inclose such report.  
The sum of \$50,000 appropriated for repairs and alterations last year was insufficient; therefore I estimate that at least \$50,000 will be needed this year for ordinary necessary repairs and alterations. In addition to this \$50,000, the Supervising Engineer reports that \$46,900 will be necessary for work which must be taken up in 1898; this makes a total of \$96,900. I have asked you for only \$75,000, which is \$21,900 less than the estimate of the Supervising Engineer.  
Yours respectfully,  
JOHN W. KELLER, President.

DEPARTMENT OF PUBLIC CHARITIES,  
SUPERVISING ENGINEER'S OFFICE, NO. 66 THIRD AVENUE,  
NEW YORK, January 26, 1898.

Hon. JOHN W. KELLER, President:  
DEAR SIR—The amount allowed for Alterations and Repairs in 1897 was \$50,000, the entire amount of which was expended for repairs of all kinds to buildings and apparatus; and that this amount was insufficient is shown by the many roofs which are now in need of renewal, and other repairs which are urgently necessary.  
Additional work which must be taken up in 1898 is:  
Repairs to Infants' Hospital \$10,000 00  
Gas-works at Randall's Island 2,500 00  
Renewal of boiler plant, etc., Infants' Hospital 12,000 00



George Berry, Assistant Engineer	\$1,500 00
H. H. Claxton, Assistant Engineer	1,500 00
W. T. Vajen, Assistant Engineer	1,500 00
Franz Knauer, Computer and Draughtsman	1,500 00
Edgar Schroeders, Computer and Draughtsman	1,300 00
A. Perzel, Computer and Draughtsman	1,620 00
J. P. Binze, Computer and Draughtsman	1,500 00
F. Schlesinger, Computer and Draughtsman	1,320 00
J. J. Arnaud, Computer and Draughtsman	1,300 00
Robert A. Wimmer, Computer and Draughtsman	1,200 00
Charles Basath, Computer and Draughtsman	1,320 00
E. A. Pacilio, Computer and Draughtsman	1,380 00
J. L. Whalen, Computer and Draughtsman	1,200 00
Irving H. Clark, Computer and Draughtsman	1,080 00
Alex. Nagy, Computer and Draughtsman	1,140 00
Fred. Drews, Computer and Draughtsman	1,200 00
C. H. Vanderbilt, Computer and Draughtsman	1,080 00
L. J. Klechka, Computer and Draughtsman	1,200 00
William F. Laase, Computer and Draughtsman	1,140 00
Norman Croeger, Draughtsman	1,500 00
Fred. Ehrenberg, Draughtsman	1,440 00
C. L. von Logau, Draughtsman	1,140 00
Louis Hermeneau, Topographical Draughtsman	1,140 00
Arnold Dulon, Topographical Draughtsman	1,200 00
Albano Bolce, Topographical Draughtsman	1,100 00
B. Windawsky, Topographical Draughtsman	1,000 00
Ernest J. Plassman, Topographical Draughtsman	1,200 00
Henry Milan, Topographical Draughtsman	900 00
Benjamin W. Homans, Topographical Draughtsman	1,140 00
Leroy F. Cox, Topographical Draughtsman	1,200 00
Henry Klutz, Topographical Draughtsman	900 00
H. J. Kaeppel, Topographical Draughtsman	900 00
Otto A. Ebbinghaus, Mechanical Draughtsman	1,140 00
George C. Hillman, Assistant	1,320 00
Fred. F. Fuess, Assistant	1,200 00
Sidney B. Cady, Assistant	1,080 00
H. Schwarz, Transitman	1,020 00
William Kumble, Transitman	1,200 00
F. M. Hartmann, Transitman	1,080 00
George E. Woesche, Transitman	1,080 00
A. B. Satterlee, Transitman	1,080 00
E. P. Raussey, Transitman	1,200 00
John F. Turpey, Leveller	1,320 00
Philip Aylett, Leveller	900 00
C. P. Bonnett, Leveller	1,140 00
Camille Maseru, Leveller	1,140 00
C. C. Guion, Leveller	900 00
C. F. Peabody, Leveller	1,000 00
P. J. Murphy, Leveller	900 00
F. J. Ackerman, Rodman	1,400 00
G. F. Lawrence, Rodman	1,080 00
H. E. Goenner, Rodman	1,000 00
C. J. Muller, Rodman	900 00
P. J. Tracy, Rodman	1,020 00
August Friedrich, Chairman	840 00
Martin Bernhardt, Chairman	720 00
Daniel J. Williams, Chairman	900 00
William J. O'Grady, Chairman	1,080 00
Thomas A. Dorey, Chairman	900 00
N. G. Hillsburgh, Chairman	900 00
William M. Bacon, Chairman	780 00
Peter H. Shori, Chairman	780 00
Herbert R. Murgatroyd, Chairman	780 00
Timothy H. Brennan, Chairman	780 00
Benjamin F. McGill, Chairman	720 00
Adam Huebner, Chairman	1,000 00
George C. Janverin, Chairman	720 00
Louis Griefenberg, Axeman	1,000 00
F. Blum, Axeman	1,000 00
William Roland, Jr., Axeman	840 00
Alex. Parker, Axeman	720 00
W. J. Seiffert, Axeman	780 00
George A. Hefter, Axeman	720 00
J. Sebeh, Axeman	720 00
Martin Noss, Axeman	720 00
George L. White, Axeman	720 00
Richard B. Wright, Axeman	780 00
Chester G. Coles, Axeman	720 00
Thomas B. Skonston, Axeman	720 00
John J. Schneider, Axeman	720 00
William H. Gilliland, Axeman	720 00
James H. Hopkins, Axeman	720 00
William Dieseloff, Axeman	720 00
Samuel A. Repper, Axeman	720 00
Henry Brantner, Axeman	720 00
Edward T. Ebert, Axeman	720 00
Eugene Nagy, Axeman	720 00
Peter F. Vaupel, Axeman	780 00
W. A. Sharp, Axeman	840 00
Charles A. Brubaker, Axeman	720 00
James Fitzgerald, Axeman	720 00
Victor H. Reichelt, Axeman	720 00
Frederick G. Hartvigson, Axeman	720 00
Alfred R. Loweth, Axeman	720 00
John McAniff, Axeman	720 00
William J. McGrory, Axeman	720 00
Charles D. Kayser, Axeman	720 00
F. H. Smith, Clerk	1,500 00
A. Hayer, Clerk	1,500 00
G. H. Patrick, Stenographer and Typewriter	1,000 00

BOROUGH OF THE BRONX.

The importance of completing the work in this borough is manifest, as the following statement will show:

Triangulation work east of the Bronx river.

The work of the field parties in making topographical surveys in the same territory.

The additional and necessary office work to plot, compute and to make record maps for the topographical field parties.

For making maps and profiles of the street system east of the Bronx river.

The largely increased demands for searches, calculations and maps in the matter of acquiring title to avenues and streets, which in 1897 cost \$73,810 (these searches are requested from time to time by the Corporation Counsel for the use of the Commissioners of Estimate and Assessments).

Making computations and plans for the sewerage and drainage system.

The establishment of bench marks and running levels over the entire territory of the Borough of The Bronx.

The appropriation necessary to carry out this work was exhaustively discussed before the last Board of Estimate and Apportionment, and in the Final Estimate adopted December 30, 1897, the amount appropriated was \$183,075. In our first estimate, presented on the 18th instant, the same sum was asked for. In this estimate \$156,675 is asked for, which is \$26,400 less than allowed in the Final Estimate of December last.

To make a further reduction would mean a further postponement of the completion of the topographical survey of the Borough of The Bronx. It is essential that this work should be hurried along with the least possible delay, for until the survey is finished and the map showing the street system and grades is adopted by the Board of Public Improvements, an opportunity will not be afforded to property-owners to subdivide their lands east of the Bronx river, nor can public improvements be started.

There is another matter to be considered in connection with this appropriation. Included in it is the sum of \$75,000 to meet the expenses of furnishing, upon application of the Corporation Counsel, maps for the use of the Commissioners of Estimate and Assessment. The magnitude of this work can be more readily understood when the fact is stated that at present there are over

three hundred proceedings for street openings under way, for which use the following maps will be required in each case:

- (1) Rule maps in triplicate and technical descriptions of lands to be taken by the City for streets, etc.
- (2) Surveys to locate and to obtain dimensions of lands, buildings, fences, etc., within the lines of the streets to be opened and to ascertain the materials of which the buildings are constructed.
- (3) Draft benefit maps, showing the plots or parcels of lands to be assessed.
- (4) Damage and benefit maps (two sets of final copies).
- (5) Profiles and miscellaneous maps required by each Board of Commissioners of Estimate and Assessment.
- (6) The preparation of maps and catalogues for the sale of buildings and other encroachments taken by the City for acquiring title.

The importance of this work cannot be magnified. When these maps are called for by the Corporation Counsel the force of Engineers, Draughtsmen and Computers must be adequate. If not, delays are unavoidable. The several commissions must adjourn from time to time, which will add largely to the expenses, as well as postponing the beginning of improvements.

The cost of preparing plans for sewerage districts must also be taken out of this appropriation. This involves the remodeling of all former plans of sewerage districts that were not retained as the final maps of the Twenty-third and Twenty-fourth Wards, together with maps and plans for the construction of drains requested by the Board of Health, the Commissioner of Sewers, or the Board of Public Improvements.

The item of \$20,000 allowed by the last Board of Estimate and Apportionment for surveys and plans for the Grand Boulevard and Concourse, is in the estimate reduced to \$10,000.

The item of monumenting streets and avenues, for which the last Board of Estimate and Apportionment allowed \$30,000, is cut down to \$20,000.

The item of \$40,000, included in the first estimate "For furnishing the Commissioners of Highways and Sewers with necessary lines and data after removal of monuments and replacing the same," is reduced to \$8,000.

The items of "Lithographing and printing maps and plans" (\$4,000), and the item of "Copying records in the various Registers' offices and Courts of Record" (\$3,200), remains the same as in the Final Estimate last December.

THE BOROUGH OF MANHATTAN, BROOKLYN, QUEENS AND RICHMOND.

The salary list of the President, Secretary of the Board, Engineer and other employees connected with the main office is reduced \$90 from the first estimate, making the amount now asked for \$39,010.

For the Engineer and other employees in charge of Street Openings for the Borough of Manhattan, \$9,800. This amount is not changed. It has been the same for the past two years.

The appropriation for Engineers and other employees asked for in the first estimate, to prepare a map for the Borough of Manhattan, was \$32,500, which in this estimate has been reduced to \$51,380, a reduction of \$940.

For the same work in the Borough of Brooklyn the reduction made, as compared with the first estimate, is \$8,400; for the Borough of Queens, \$5,000, and for the Borough of Richmond, \$3,300.

There is no way to compare appropriations for Borough corps of Topographical Engineers (outside The Bronx) with the expense of former years, for the reason that work of this character was formerly done by the City or County Surveyors, and paid by fees.

Contingencies.

In the first estimate \$20,000 was asked for. This fund is intended to meet the expenses of transportation of field parties in all the boroughs; telegraph, telephone, postage, providing stakes to mark the places where monuments are to be located, sharpening tools and for other charges which cannot be paid except out of a contingency fund. In all probability, the original amount asked for will be needed, but by care and watchfulness over small expenditures, \$15,000 may last until the close of the year.

Monuments, Surveying Instruments, etc.

The items for monumenting streets and avenues in the boroughs of Manhattan, Brooklyn, Queens and Richmond, \$4,300; surveying instruments, drawing material and map supplies, \$8,700, and for office fixtures, including map and record cases, \$4,350, cannot be reduced without incurring the risk of being compelled later in the year to apply for a transfer from some unexpended balance.

BROOKLYN.

The employees of the former City of Brooklyn who were occupied in surveying, mapping and preparing sewerage plans have been assigned to departments other than the Board of Public Improvements, and no assignment of any employee was made to the Board of Public Improvements.

It is found that the surveys, maps and monumenting of this borough have been much neglected, creating great confusion in the fixing of property lines and the improvement of the public streets, there being several benches or datum for the same points differing from each other. Especially is this the case in the established grades; there is over one foot of difference between the datum of high water used for paving and regulating the streets and that used for sewers. The difference in record monumenting positions is still greater.

This state of things should be corrected in order to prevent litigation, which is sure to follow the use of the several erroneous benches and established points.

The following amounts are required:

Salaries of Engineers, Clerks, Assistants and other Employees in the Borough of Brooklyn.	
2 Assistant Engineers, at \$2,000 each	\$4,000 00
4 Transitmen, at \$1,500 each	6,000 00
4 Rodmen, at \$1,000 each	4,000 00
8 Axemen, at \$780 each	6,240 00
4 Laborers, at \$600 each	2,400 00
4 Draughtsmen, at \$1,200 each	4,800 00
1 Computers, at \$1,200 each	3,600 00
	<hr/>
	\$31,040 00

QUEENS.

In the Borough of Queens, which includes Long Island City, the public records are in a most confused and incomprehensible state, and it will require great patience and work to calculate them and put them in proper shape for reference.

In Long Island City a most deplorable state of things exists, and public improvements have been carried on by a commission called the General Improvement Commission. The work under his Board was devoted to general surveying of the city and the construction of street sewers and pavements. There is no authentic completed map of the city. The work of surveying in this borough will be the determining of this boundary line, which is a primary duty of the Board of Public Improvements. The fixing of the relative position of the several village and town corporations, and providing layouts, is also a primary requisite.

The amount asked for is required.

Salaries of Engineers, Surveyors, Clerks, Assistants and other Employees, Borough of Queens.	
1 Chief Assistant Engineer, \$3,500	\$3,500 00
4 Assistant Engineers, \$2,000 each	8,000 00
4 Transitmen, \$1,500 each	6,000 00
4 Rodmen, \$1,000 each	4,000 00
8 Axemen, \$780 each	6,240 00
4 Laborers, \$600 each	2,400 00
3 Draughtsmen, \$1,500 each	4,500 00
1 Clerk, \$1,200	1,200 00
1 Messenger, \$800	800 00
	<hr/>
	\$36,640 00

RICHMOND.

All the employees of the former County of Richmond who were occupied in surveying, mapping and preparing sewerage plans have been assigned to other departments, and none were assigned to the Board of Public Improvements.

No official maps of the Borough, showing the street and sewerage system, are to be had. In fact, there seems to have been no public care of the records, excepting in a few of the towns. It is almost impossible to locate property lines from the established monuments and datum.

The work of surveying has been done by local surveyors, whose surveys do not agree with each other. There is no official map of the borough, and the printed maps published cannot be used for official purposes. A survey of the borough is absolutely needed in order to lay out the system of roads and sewers.

There is no official tax map to be found. It seems that taxes have been levied without reference to maps or bounds.

The force asked for is immediately needed for the work of surveying.

Salaries of Engineers, Surveyors, Clerks, Assistants and other Employees in the Borough of Richmond.

Table listing salaries for various roles: Chief Assistant Engineer (\$3,500), Assistant Engineers (\$2,000 each), Transitmen (\$1,500 each), Rodmen (\$1,000 each), Assemen (\$750 each), Sounders (\$600 each), Chief Computer (\$1,500), Draughtsmen (\$1,500 each), Mapping and Record Copying Clerk (\$1,500).

\$37,640 00

Contingencies.

Transportation, telegraph, telephone, postage, providing wakes, sharpening tools, etc., in the Boroughs of Manhattan, Bronx, Brooklyn, Queens and Richmond... \$15,000 00

Expenses for the Boroughs of Manhattan, Brooklyn, Queens and Richmond, for— Monumenting streets and avenues \$4,000 00 Surveying instruments, drawing material and map supplies 8,700 00 Office fixtures, including map and record cases 4,350 00 \$17,250 00

REAPPROPRIATION.

Table with columns: Description, Final Estimate December 30, 1897, Proposed Estimate. Rows include: Surveying, laying out, maps, plans, etc.; Copying records; Furnishing Committees of Highways and Sewers; Monumenting streets and avenues; Salaries, Main Office; Contingencies; Monumenting streets and avenues in the Boroughs of Manhattan, Brooklyn, Queens and Richmond; Office fixtures.

Reduction from first estimate, \$75,046.

MAURICE F. HOLAHAN, President

CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, January 31, 1898.

To the Board of Estimate and Apportionment:

GENTLEMEN—The Comptroller respectfully submits the following report in regard to the Departmental Estimate submitted by the President of the Board of Public Improvements for the year 1898:

The several amounts appropriated in December, 1897, for expenditure in 1898, applicable for the purposes of this Board, aggregate \$282,135. The amount originally requested by the President of the Board of Public Improvements in his January estimate was \$498,705. In a supplemental estimate subsequently presented this amount was reduced to \$419,095. The several amounts recommended by the Comptroller aggregate \$282,485. The reductions recommended by the Comptroller may be summarized as follows:

The appropriation of \$31,250, requested for map-making in the Borough of Manhattan, is not allowed. In lieu thereof it is suggested that the amount, \$156,675, requested for completing the work of the Topographical Bureau in the Borough of The Bronx, be made applicable also to expenditure in the Borough of Manhattan. For the Topographical Bureau of the former Department of Street Improvements in the Twenty-third and Twenty-fourth Wards there was allowed in the December Final Estimate of The City of New York for 1898, the sum of \$183,075. This was an extremely liberal appropriation, the amount allowed for this purpose in 1897 having been only \$105,000. It is believed that the amount recommended, i. e., \$156,675, will be sufficient to include, with the work now in progress in the Borough of The Bronx, such additional work as may be necessary to be performed in the upper part of the Borough of Manhattan.

The appropriation of \$29,000 made for plans and surveys for the Grand Boulevard and Concourse is not recommended.

The amount, \$8,000, requested by the President of the Board for lines and plans for the Commissioners of Highways and Sewers, is allowed, this amount being more than offset by the reduction of \$10,000 in the appropriation for monumenting avenues and streets in the Borough of The Bronx.

The manner in which reductions have been made in the appropriation requested for salaries, main office, and salaries, Borough of Brooklyn, is shown in the summary statement herewith submitted. In place of the appropriations, \$50,640 and \$37,640, requested respectively for the Boroughs of Queens and Richmond, the sum of \$21,500 is recommended to serve for both Boroughs. While the appropriation for a general map or plan of the whole City of New York is an excellent purpose, which should some day be carried into complete effect, it should be remembered that the main object of such a map is to aid in the material development of the city and in the execution of public improvements, and not, as in the case of tax maps, the plotting of property upon which assessments for taxation are based. In other words, it is a medium for an expenditure of money rather than for the collection of taxes. From this point of view it is believed, therefore, that the City should not attempt to carry out all this work at once in the Boroughs of Queens and Richmond, but only to provide for surveying parties to work in such districts of these boroughs as may be at present ripe for material development.

The work now progressing in the Borough of The Bronx is so nearly completed that it is believed that it would be poor economy to interrupt it at this time. Within a year or so, however, when this work is completed, it will be possible to devote the money now appropriated for this purpose for use in other portions of the new city. In this way the large expense of preparing a map or plan for the entire city will be equitably distributed over a number of years.

Attention is called to the provisions of section 444 of the Charter, which provides that "The Board of Public Improvements may, from time to time, for so long a time as may be necessary, detail such employees from any department as they may deem necessary to assist the President of the Board of Public Improvements in carrying out the duties imposed upon him by this act."

From this section it would seem clear that it was not the spirit of the Charter that the President of the Board of Public Improvements should steadily maintain a separate engineering force of such size as to enable him, unaided, to carry into execution all the duties with which he is charged. By detaching such men as can be spared from the numerous engineers elsewhere provided for, it is believed that, with the appropriation recommended by the Comptroller, the President of the Board of Public Improvements will be amply able to discharge his duties with promptness and efficiency.

Respectfully, BRD S. COOPER, Comptroller.

And offered the following:

Resolved, That, pursuant to the provisions of section 10 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, be and the same are hereby, in part, appropriated and apportioned as follows:

BOARD OF PUBLIC IMPROVEMENTS.

Table listing salaries of the President of the Board of Public Improvements, Secretary and Employees, including salaries of Engineers, etc., of Street Openings; Contingencies; Monumenting—Boroughs of Manhattan, Brooklyn, Queens and Richmond; Monumenting avenues and streets, Borough of The Bronx; Surveying instruments, etc.; Copying records.

\$163,500 00

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, Corporation Counsel, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller presented the following:

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, New York, January 18, 1898.

Hon. ROBERT A. VAN WYCK, Mayor, and Chairman Board of Estimate and Apportionment: DEAR SIR—Pursuant to the provisions of sections 10 and 226 of the Charter of The City of New York, I submit the following estimate of the amounts required to properly conduct the business of the Department of Highways during the present year:

SALARIES—DEPARTMENT OF HIGHWAYS.

Table listing salaries for various roles: Commissioner (\$7,500 00), Deputy Commissioner (5,000 00), Secretary (3,000 00), Chief Engineer (5,000 00), Consulting Engineer (5,000 00), Assistant Engineer (3,000 00), Chief Clerk (3,500 00), General Bookkeeper (3,000 00), Corresponding Clerk (2,500 00), Contract Clerk (3,000 00), Assistant Contract Clerk (2,500 00), Audit Clerk (2,000 00), Four Clerks, at \$1,500 each (6,000 00), Two Messengers, at \$1,200 each (2,400 00), One Messenger (1,200 00), Two Stenographers and Typewriters, \$20 per week (2,080 00), Cashier (3,000 00), Clerk (1,800 00), Clerk (1,500 00).

\$65,680 00

In my judgment, all these officers are necessary, and the amount asked for should be granted.

BOILING EXAMINATIONS FOR GRADING CONTRACTS.

Estimate for 1898, \$2,000 00

Last year the sum of \$5,000 was appropriated for boiling examinations for grading and sewer contracts. As sewer contracts are not under the Department, I think \$2,000 will be sufficient for boiling examinations to determine the approximate quantities of earth and rock excavation in grading works, as a basis for preliminary estimates and bids for contracts.

BOULEVARDS, ROADS AND AVENUES—MAINTENANCE OF.

Estimate for 1898 \$174,090 00

Improvement of Boulevard plots 45,000 00 Resurfacing roadways 18,866 00

The first item of \$174,090 is necessary to maintain, repair and sprinkle over 20 miles of macadam roadways. This sum was asked for in the departmental estimate of the Department of Public Works, but was cut down to \$132,250, which is inadequate. I therefore ask that the full amount herein called for be appropriated. The improvement of the park plots on the Boulevard has given much satisfaction to the public, and many demands for the extension of this work have been received. It cannot be extended as far as necessary unless the amount of \$25,000 be appropriated. A potent reason why this item should not be reduced is that the Board of Aldermen, voicing public sentiment, passed a resolution last year, requesting the Board of Estimate and Apportionment to appropriate the amount herein estimated as necessary to extend and complete this important work.

The amount of \$18,866 is required to resurface an area of 31,444 square yards on St. Nicholas avenue, from one Hundred and Twenty-fifth to One Hundred and Forty-fifth street. This improvement is very necessary and is urgently called for by taxpayers using that thoroughfare.

BOULEVARDS, ROADS AND AVENUES—MAINTENANCE OF—SALARIES.

Table listing salaries: Superintendent (\$3,000 00), Clerk (1,500 00), Two Clerks, at \$1,000 each (2,000 00).

\$6,500 00

This salary list is as small as I can make it consistent with the efficient performance of the work. In this estimate \$1,000 is included for an additional Clerk, whose services are necessary, and the sum heretofore appropriated under the heading is further increased by transferring to this account from the general salary list the salary of the Superintendent—\$3,000.

CONTINGENCIES—DEPARTMENT OF HIGHWAYS.

Estimate for 1898 \$4,500 00

By the Final Estimate for 1897, \$5,000 was allowed for contingencies, Department of Public Works. I estimate that half this amount, \$2,500 will be required for postage, telegraphing, expressage and traveling expenses of officers of this Department, also other incidental expenses that must be incurred from time to time.

FLAGGING SIDEWALKS AND FENCING VACANT LOTS IN FRONT OF CITY PROPERTY.

Estimate for 1898 \$2,000 00

This amount is required to flag and repair sidewalks and to erect and to maintain fences in front of city property. The same sum was allowed for this purpose in 1897 and has been appropriated for 1898.

ONE HUNDRED AND FIFTY-FIFTH STREET VIADUCT—MAINTENANCE AND REPAIRS.

Table listing costs: Cleaning and painting, 600,000 square feet at 8 cents per foot (\$48,000 00), Repairs and maintenance (sweeping) \$750 00, Repairs to sidewalks and pavements 3,000 00.

\$51,750 00

This estimate is made by the Consulting Engineer of this Department, who reports that, in his opinion, \$48,000 is the lowest figure at which the structure can be thoroughly scraped and painted so that the improvement will be permanent and corrosion prevented for a number of years.

The other items, aggregating \$3,750, are necessary for the purposes indicated. In the Final Estimate for 1898 the old Board of Estimate and Apportionment allowed only \$15,000 for this work. This sum is absolutely inadequate if the whole viaduct is to be painted, and it is advisable to paint the entire structure so as to prevent further deterioration by rust.

REMOVING OBSTRUCTIONS ON STREETS AND AVENUES.

Estimate for 1898 \$15,000 00

In 1897 this amount was appropriated for removing obstructions and incumbrances from streets and avenues. Prior to 1896 a larger amount was allowed for this purpose. It was found last year that the work could be done for this sum, and I estimate that a less amount for 1898 would not be adequate. The old Board of Estimate and Apportionment apparently recognized this fact and allowed \$15,000 in the Final Estimate for 1898. Besides removing obstructions from streets and avenues, the Bureau of Incumbrances is required to remove dead and dangerous

uses, stumps, dirt, stone and rubbish. To this appropriation is also charged the traveling expenses of the Inspector of the Bureau and the horse and wagon hire for the Superintendent. The salaries of the Inspector's Helper, Foreman and Laborers in the Corporation Yard are also drawn from this account. It is therefore evident that the sum asked for could not be reduced without detriment to the interests of the city.

REMOVING OBSTRUCTIONS ON STREETS AND AVENUES—SALARIES.

Estimate for 1898..... \$13,700 00

This item is required for the following salaries:

Table listing salaries for Superintendent, Clerks, Inspectors, and Keeper Corporation Yard.

The services of all these officers are required to properly perform the duties belonging to this division of the Department of Highways. The estimate is reasonable and I ask that it be allowed. The salary of the Superintendent was heretofore included in the general salary account.

REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

Estimate for 1898..... \$350,000 00

The sum of \$350,000 for this work was included in the departmental estimate of the Department of Public Works for 1898, but was reduced to \$325,000. This reduction was not warranted in view of the fact that in 1897 \$300,000 was allowed, and it was found necessary to supplement this sum by \$68,000, transferred from an unexpended balance of appropriation for 1896.

An idea of the large amount of work to be charged to this account may be obtained from the fact that 6,500,000 square yards of stone-block pavements have to be kept in repair, involving a very heavy outlay for labor and materials. The estimated amount only provides for the expenditure of 5.4 cents per square yard per annum for maintenance of pavements, and should be allowed in full.

The sum of \$20,000 for maintaining asphalt pavements for which existing contracts will expire must be allowed.

REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING—SALARIES.

Estimate for 1898..... \$44,000 00

The salaries included in this estimate are as follows:

Table listing salaries for Superintendent, Inspector of Subsurface Construction, Assistant Inspectors, Clerks, Messenger, Engineer Inspector, and Stenographer and Typewriter.

This staff is deemed necessary to efficiently perform the duties required of them under this title.

REPAVING STREETS AND AVENUES.

Estimate for 1898..... \$450,000 00

While chapter 476 of the Laws of 1875 provided that a sum not exceeding \$500,000 in any one year might be appropriated, that amount has never been allowed by the Board of Estimate and Apportionment. In the estimate of the Commissioner of Public Works \$600,000 was asked for this year, but only \$245,000 was allowed. I am sure this amount is inadequate and I think that \$450,000, estimated by me, is necessary to enable this Department to replace old and defective pavements with new ones. There are in this city at the present time an estimated area of 3,000,000 square yards of old stone block pavements. If funds were available all this vast area ought to be repaved. (See chapter 476, Laws of 1875, and section 230 of the Greater New York Charter).

REPAVING STREETS AND AVENUES—SALARIES.

Estimate for 1898..... \$24,100 00

The salaries to be paid from this account are:

Table listing salaries for Superintendent, Clerks, Inspectors, Engineer Inspector, and Inspectors on Contract Work.

This list includes only such officers as are considered necessary, and the full amount of this estimate ought to be allowed.

ROADS, STREETS AND AVENUES, UNPAVED, MAINTENANCE OF AND SPRINKLING.

Estimate for 1898..... \$54,000 00

This appropriation is needed to maintain unpaved streets and partially paved roads in the upper section of the Borough of Manhattan. The traffic on many of these roads and streets is very heavy, and I am of opinion that a less amount than that estimated would be inadequate, especially as a considerable amount of this appropriation must be expended for sprinkling to allay the dust in dry weather during the summer months.

ROADS, STREETS AND AVENUES UNPAVED, MAINTENANCE OF AND SPRINKLING—SALARIES.

Estimate for 1898..... \$5,000 00

This amount is required for the salary of the Superintendent, who will also have charge of regulating and grading work. Heretofore a Superintendent has been in charge of regulating and grading alone.

INSPECTION OF SIDEWALKS AND REMOVING OF HOUSES.

Estimate for 1898..... \$4,000 00

This sum is required to pay for Inspectors of Sidewalks and for the removing of houses. Inspectors on this work are absolutely necessary, and the estimate is as low as it can reasonably be made.

INSPECTORS OF PAVING—SALARIES.

Estimate for 1898..... \$10,000 00

This sum is required to pay for the services of Inspectors on contract work (ten in number).

MAINTENANCE OF EIGHTH AVENUE PAVEMENT.

Estimate for 1898..... \$10,200 00

This amount is payable for the maintenance of the pavement on Eighth avenue, from Thirtieth to Fifty-ninth street, under an existing contract. The item can therefore not be reduced.

RECAPITULATION.

Summary table with columns: Being Committed for Grading, Allowed for 1898, Disbursement in Highways, Estimate for 1898.

Table with columns: Allowed for 1898, Disbursement in Highways, Estimate for 1898. Lists various street projects and their costs.

Salaries—Estimate for 1898.

Table listing salaries for Commissioner, Deputy Commissioner, Chief Engineer, Consulting Engineer and Clerks, and other roles.

The amounts allowed for salaries for 1898 by the old Board of Estimate and Apportionment are not given here, because, under the reorganization, it has been necessary to make such changes in the salary-roll as render comparison impracticable.

BOROUGH OF BRONX.

The following is an estimate of the amounts required to conduct the public business of the Department of Highways for the Borough of The Bronx for the year 1898:

Table with columns: Appropriation for 1898, Available to Highways 1898, Required for 1898. Lists various items like Salaries, Contingents, Maintenance, etc.

In the foregoing statement of the appropriations of the Board of Estimate and Apportionment for the Department of Street Improvements, Twenty-third and Twenty-fourth Wards, being the Final Estimate for 1898, the following items, or partial items, are applicable to the use of the Department of Highways in the Borough of The Bronx and should be increased as explained in note on each item:

Table with columns: Available to Highways for 1898, Required for 1898. Lists items like Salaries, Telephone, Maintenance, etc. with detailed notes on each.

APPLICABLE TO HIGHWAYS AND BRIDGES

Table with 2 columns: Description of work and Amount. Includes items like 'Due to the large amount of buildings, fences, etc., sold on streets', '12. Preliminary surveys, etc., on highways', '13. Rock-landings, covered by law', '14. Standard benchmarks', '15. Grand Boulevard and University construction', '17. Wagon track for transplanting trees, etc.'

BOROUGH OF BROOKLYN.

The following is an estimate of the funds required for the proper conduct of the business of the Department in Brooklyn for the year 1898:

DEPUTY COMMISSIONER'S OFFICE—SALARIES.

Table listing salaries for Deputy Commissioner, Secretary, Chief Clerk, Stenographers, Complaint Clerk, Permit Clerks, Notice Clerk, Messenger, Cashier, Assistant Cashier, Bookkeeper, and Assistant Bookkeeper.

These items have never before appeared in the appropriation for the Bureau of the Department of City Works, corresponding to the new Department of Highways, as the general administration was provided for by the appropriation for the Commissioner's Office of the Department of City Works, while Permit Clerks and Complaint Clerks were located in the different bureaus.

ENGINEER'S OFFICE—SALARIES.

Table listing salaries for Engineer in Charge, First Assistant Engineer, Assistant Engineers, Levelers, Rodmen, Chemist, Assistant Chemist, Stenographer, Clerks, and Messengers.

This allowance is necessary to properly plan and execute the work contemplated for the coming year, which it is expected will be at least as great as that done during the past year, when the force was barely sufficient to properly supervise the work.

BUREAU OF STONE AND ASPHALT PAVING.

Table listing salaries for Superintendent, Clerk, General Inspector of Asphalt Pavement, General Inspector of Stone Paving, and Foremen, plus allowances for repairs to asphalt pavement and for repairs to and renewal of stone pavements.

This amount is unquestionably needed for the Borough of Brooklyn for the present year. There are in that borough 244 miles of cobble-stone pavement, nearly all of which is in bad condition.

The repairs to this kind of pavement are unsatisfactory and not economical, and it is wiser to substitute new pavements thereof whenever possible—granite where the traffic is heavy, and asphalt where sanitary conditions are bad. Asphalt pavements have been confined largely in the past to the best residential districts, while the poorer tenement districts have been neglected, and provision should now be made to pave some of the streets in the latter class.

The amount allowed will provide only for a few of the streets imperatively in need of repaving. There are also 111 miles of granite pavement, much of which required extensive repairs and relaying.

There are about 15 miles of asphalt pavement not under guaranty, amounting to about 300,000 square yards, for the maintenance of which no contract exists, and which must be provided for as early in the year as possible.

BUREAU OF UNPAVED STREETS AND MACADAMIZED ROADS.

Table listing salaries for Superintendent, General Inspector, and allowances for repairs to macadamized streets and roads, and for sprinkling macadamized streets.

The above is necessary for the maintenance of the 63 miles of macadamized streets and about 150 miles of unpaved roads in the Borough of Brooklyn. 94 miles of the unpaved roads were laid for last year.

It has been clearly demonstrated that the sprinkling of the macadamized roads not only makes them far more comfortable for general use, but materially adds to the life of the roadway, and the allowance of the item for sprinkling is, therefore, strongly urged.

BUREAU OF REGULATING AND GRADING.

Table listing salaries for Superintendent, Clerk, and Inspectors of Flagging and Fencing, and Inspectors of Concrete Sidewalks.

Work of this kind has been heretofore paid for by assessment, and any additional expense for the conduct of this Bureau will be included in the assessments and paid for by the property-owners.

BUREAU OF INCUMBRANCES.

Table listing salaries for Superintendent, Complaint Clerk, Notice Clerk, Inspectors of Incumbrances, Inspectors of Trees, and Messenger, plus allowance for removal of incumbrances.

The removal of incumbrances and the investigation of all complaints of same were formerly attended to in the Bureau of Street Cleaning, Department of City Works, and they were not taken care of by the Bureau which has now become the Department of Highways.

It is hoped that the ordinances affecting incumbrances on streets will be rigidly enforced during the year, and as there are a great many encroachments, \$10,000 is asked for to provide for such removals in cases where the cost of doing the same cannot be recovered.

Summary.

Summary table listing total costs for Deputy Commissioner's Office, Engineer's Office, Bureau of Stone and Asphalt Paving, Bureau of Unpaved Streets and Macadamized Roads, Bureau of Regulating and Grading, and Bureau of Incumbrances.

BOROUGH OF QUEENS.

The work of the Department of Highways in the Borough of Queens will consist of—

- 1. The finishing of contracts for roads under construction (20.50 miles).
2. The construction of roads under contract not yet commenced (9 miles).
3. The repairing, resurfacing, renewing, sprinkling, etc., of completed highways (about 153 miles).
4. The engineering and supervision of roads under construction.
5. The preparation of plans and specifications and the letting of contracts for what-ever work may be required by the taxpayers in the matter of highway construction.
6. The turnpiking of country roads, cleaning, renewing and repairing of culverts and care of washouts, together with the inspection and supervision necessary for the proper maintenance of sidewalks, the clearing of incumbrances and the exactions from the various street railway companies of the proper maintenance of the highways in and between their tracks.

I inclose an itemized list for the maintenance of the roads, the other and engineering force required, and the necessary supplies and stationery for the proper running of the Department for the year 1898:

Table listing costs for Salaries—Commissioner, Engineers and clerical force; Maintenance, improvement and construction of streets and roads; and Contingencies.

1. Salaries \$14,800 00

This amount of \$14,800 is that estimated as the necessary cost of paying the salaries of the Deputy Commissioner, Engineers and clerical force of the Department at the branch office in Queens, as follows:

Table listing salaries for Deputy Commissioner, Chief Engineer, Assistant Engineer, Chief Clerk, Permit Clerk, Cashier, Stenographer, and Messenger.

2. Maintenance and construction of streets and roads in Borough of Queens \$105,000 00

This item, \$105,000, includes the necessary cost of properly maintaining the roads of the new city in the borough and is based on the following estimations, each of which will be hereinafter explained in detail:

Table listing costs for Streets and roads in Long Island City, Town of Newtown, Town of Jamaica, Town of Flushing, and Town of Hempstead.

The above item a is based upon the actual appropriation of the Common Council of Long Island City, December 31, 1897, for the "removal of ashes, garbage and cleaning the streets, sewers and basins and keeping same in repair" in the said city during the coming year, and for the repair, repaving and improvement of specific avenues in different wards of said city. The item \$150,000 includes then—

- 1. That part of the actual appropriation "for the removal of ashes, garbage and cleaning the streets, sewers and basins, and keeping same in repair," which is deemed applicable to the Department of Highways and is estimated at \$75,000 00.
2. Actual appropriation for completing the improvement of Grand avenue, Long Island City, \$40,000 00.
3. Actual appropriation for repairing and repaving Flushing avenue, Fourth Ward, Long Island City, \$10,000 00.
4. For repairing and macadamizing the Shore road, Fifth Ward, Long Island City, \$15,000 00.
5. For repairing and repaving Flushing avenue, Fifth Ward, Long Island City, \$10,000 00.

The above item b is the amount needed for the maintenance of the streets and roads of the new city situated in the old Town of Newtown, and is based on Engineer's estimates from the following facts and personal observations:

TOWN OF NEWTOWN.

35.32 miles of roads have been given out in various contracts by the Highway Commissioner of the town, to be improved either with macadam or granite-block pavement for the total cost of \$530,000, as per Engineer's estimate, \$620,000 being raised by the sale of bonds; the balance, \$40,000, being estimated for engineering expenses and contingencies, etc. Of this sum of \$530,000



\$393,000 has been paid up to date on the various contracts by Engineer's estimates. Of this, sixteen roads (17 miles) have not been finished; thirteen roads (9 miles) have not been commenced, leaving eight roads (9 miles) completed.

No provision made for the maintenance. The item c, \$10,000, is the amount needed for the maintenance of the streets and roads of the new city situated in the old Town of Jamaica, twenty-four miles, being based on Engineer's estimates from the following facts and personal observation:

TOWN OF JAMAICA.

Fifty-two miles of macadam roads built; all contracts have been finished. No provision made for the maintenance.

VILLAGE OF JAMAICA.

Twenty-two miles of streets improved with macadam, of which three and one-half miles are unfinished, for which \$35,000 was left in the hands of the late Village Treasurer to finish said streets. There was also left in the hands of the late Village Treasurer \$11,500 percentages retained on finished contracts.

No provision made for the maintenance. The item d, \$10,000, is the amount needed for the maintenance of the streets and roads of the new city situated in the old Town of Flushing, fifty-one miles, being based on Engineer's estimate of the cost of the work.

The item e, \$10,000, is the amount needed for the maintenance of the streets and roads, 20 miles, of the new city situated in the old Town of Hempstead, being based on the Engineer's estimate of the cost of the work.

3. Maintenance, construction and improvement of streets and roads, Borough of Queens—Salaries and supplies \$53,864 00

This item includes the aggregate amount of the salaries of the persons employed in the technical and supervisory work of the Department as above specified, as follows:

Table listing salaries for various positions: 3 Transitmen, 2 Levelers, 4 Rodmen, 4 Chainmen, 4 Axemen, 2 Draughtsmen, 1 Chief Inspector, 25 Assistant Inspectors, 1 Stableman. Total: \$48,600 00

The subdivision "supplies" of this item includes the aggregate cost of these articles and instruments which shall be permanently used in the work of the Department, as follows:

Table listing supplies: 2 transits, 2 levels, 4 self-reading rods, 12 plumb-bobs, 6 steel tapes, draughting materials, 2 horses and 2 light wagons, 2 horses and two two-seated wagons, horse and wagon, maintenance of horses, 2 bicycles. Total: \$5,264 00

The above subdivision, "supplies," might, perhaps, be more appropriately included in the appropriation c—for maintenance—which is, of course, at times subject to the expense attendant upon the occasional purchase of articles needed for the work; but I have distinguished these as articles of permanent necessity. If there is any objection to this subdivision of estimates, the item "supplies," under 3 may be transferred to 2.

4. Contingencies \$1,250 00

Table listing contingencies: Telephone rental, Traveling expenses for field parties, Miscellaneous. Total: \$1,250 00

Borough of Richmond.

The following is an estimate of the amounts necessary to maintain the Department of Highways in this borough:

In presenting the same permit me to call your attention to the fact that, under provisions of chapter 535 of the Laws of 1890, the County of Richmond has, to date, completed about seventy-three and one-half (73 1/2) miles of macadam and Telford macadam highways, and also signed contracts for the completion of about twenty miles of road construction of the same class, for which money has been raised by the sale of bonds, and is now at the credit of the Department of Highways of this borough. In addition to this contracts have been let under authority of section 70 of the County Law and chapter 686 of the Laws of the State of New York, for about forty (40) miles of macadam highway improvements, and the money also raised for the same, thus making the work of the Department of Highways for the borough for the year 1898—

First—The construction of about sixty (60) miles of highway improvement, for which bonds have been sold.

Second—The preparation of plans and specifications and the letting of contracts for whatsoever amount of assessment work as may be required by the taxpayers in the matter of highway construction.

Third—The repairing, resurfacing, renewing, sprinkling and rolling of the heretofore constructed macadam highways (about 113 miles).

Fourth—The repaving of country roads, cleaning, renewing and repairing of culverts and the care of sidewalks, together with the inspection and supervision necessary for the proper maintenance of sidewalks, clearing of incumbrances, and the exacting from the various street railway companies of the proper maintenance of the highways in and between their tracks.

I further desire to call your attention to the fact that of the total amount of money which I shall ask for the maintenance of the Department during 1898, \$30,000 has been provided in the County Budget of 1897, a portion of which is to be expended under two maintenance contracts made by the County of Richmond and expiring on May 25 and August 1, 1898, respectively. I also beg at this time to call your attention to the fact that it will probably be held that the Street Cleaning Department is not permitted by law to clean either earth roads or roads improved with either macadam or Telford pavement. In the event of that proving true, the Highway Department in this borough will be called upon to perform all the street cleaning on the island, leaving for the Department of Street Cleaning the collection of garbage and ashes alone. This matter should be brought to the attention of the Board of Estimate and Apportionment and provisions for the necessary moneys made.

In presenting this report, permit me to state that the estimate will be itemized and numbered and explanatory pages appended for reference opposite like numbers.

Estimate.

OFFICE—SALARIES.

Table listing office salaries: 1. Deputy Commissioner and Chief Engineer, salary \$5,000; 2. Engineer in Charge; 3. One Chief Clerk; 4. One Assistant Clerk; 5. One Permit and Incumbrance Clerk; 6. One Messenger.

MAINTENANCE, CONSTRUCTION AND PRELIMINARY SURVEYS—SALARIES.

Table listing maintenance salaries: 7. One Assistant Engineer; 8. Two Transitmen; 9. Three Levelers; 10. Three Rodmen; 11. Four Chainmen; 12. Four Axemen; 13. One Draughtsman.

Table listing items 14-20: One General Inspector; Two transits; Two levels; Two self-reading rods; One New York rod; Plumb-bobs; Tapes.

MAINTENANCE.

Table listing items 21-27: Five Assistant Inspectors; Horse and wagon; Two bicycles; Rent of Corporation Yard; Rent of offices; Flag sidewalks; Maintenance of streets, roads and avenues.

CONTINGENCIES.

Table listing items 28-32: Miscellaneous supplies; Stationery and draughting materials; Furniture, etc.; Traveling expenses of field parties; Statement as to Street Cleaning.

Summary of Estimates.

Summary table: Office salaries (\$6,300 00), Maintenance, construction and preliminary surveys (\$40,314 00), Contingencies (\$1,250 00), Total (\$47,864 00).

NOTE.—In the preparation of the estimate the request for moneys has been divided into "Office Salaries," "Maintenance, Construction and Preliminary Surveys," "Miscellaneous" and "Contingencies," together with a statement as to the street cleaning within the Borough of Richmond.

OFFICE—SALARIES.

Item No. 1.—In pursuance of authority granted by sections 452, 453 and 459 of chapter 529 of the Laws of 1897, Henry P. Morrison has been appointed by the Commissioner of Highways of the City of New York, as Deputy Commissioner and Chief Engineer of Highways, and by the Commissioner of Sewers of the City of New York, as Deputy Commissioner and Chief Engineer of Sewers of the City of New York, for the Borough of Richmond; therefore, one-half the salary shall be drawn from the Department of Highways and one-half from the Department of Sewers.

Item No. 2.—The Engineer in Charge of Highways will be held responsible for the supervision of the survey work, the preparation of the assessment rolls, have full charge of the construction of highways, and shall assist the Deputy Commissioner and Chief Engineer in the establishment of lines and grades and the preparation of specifications therefor. He shall also have general supervision of the detail work of the Department, and shall be held responsible for the class of workmanship performed under contract.

Item No. 3.—Chief Clerk, as indicated. He shall have full charge and direction of the clerical force of this Department.

Item No. 4.—Assistant Clerk, as indicated.

Item No. 5.—Permit and Incumbrance Clerk, as indicated.

Item No. 6.—Messenger, as indicated.

MAINTENANCE, CONSTRUCTION AND PRELIMINARY SURVEYS.

Item No. 7.—The Assistant Engineer shall have charge of the field party on construction and preliminary work and shall give lines and grades on construction and assist in occupation, also preparation of payments, etc.

Item No. 8.—The Transitmen shall run the transits and, when necessary, shall take charge of party.

Items Nos. 9, 10, 11 and 12.—The field parties for the giving of lines and grades on the construction now contracted for, and such preliminary surveys as may be necessary for the construction of highways ordered by the Board of Public Improvements from time to time.

Item No. 13.—The Draughtsman shall prepare the necessary plans and, when not engaged on that class of work, he shall prepare an office reference plan of the existing highway system of the borough.

Item No. 14.—The duties of the General Inspector shall be to supervise the work of the Inspectors, pass upon the construction, detail and direct the work of the Assistant Inspectors, and to have supervision of the weekly reports furnished by the Inspectors on new work.

Items Nos. 15, 16, 17, 18, 19 and 20.—It will be necessary to purchase surveying instruments, rods, bobs, tapes, etc., as the county and village governments have never owned any.

MAINTENANCE.

An Inspector shall be located in each ward of the borough. It shall be the duty of these Inspectors to report all necessary repairs, incumbrances, sidewalk and crosswalk defects, and have general supervision over repair gangs, sprinkling wagons and steam-roller repair gangs.

Item No. 22.—Much of the work presented in the county is so located as to be inaccessible except by the use of a horse and wagon. It will be more economical to purchase and keep team to pay livery hire for the same.

Item No. 23.—Two bicycles for emergency work.

Item No. 24.—A yard for the storing of materials and incumbrances.

Item No. 25.—Office rent, as indicated. In the event of the Comptroller securing by lease a borough building this item may be withdrawn.

Item No. 26.—Flagging where necessary, after refusal to comply with the directions of the Department.

Item No. 27.—The amount of money asked for under this item has been carefully estimated. It included the patching, general repair work, maintenance and cleaning of culverts, sprinkling and the repairing of storm damage on about one hundred and thirteen (113) miles of improved macadam and Telford pavement; the readjustment and removal where necessary of curbs and gutters; the repairing and renewing of crosswalks, cleaning of snow from sidewalks in front of vacant property held by non-resident owners and the removal of incumbrances.

The amount of money heretofore expended in the Borough of Richmond by the various governments having jurisdiction has been taken as a basis for the present estimate. Little, if any, attention has been given heretofore to the dirt roads of this borough, with the result that, in the early and late seasons of the year, they have in many instances been practically impassable, whereas a small expenditure would remedy the defects. This has been taken into consideration in the present estimate, as has also the condition of culverts in existing sections on unimproved roads. I believe that the appropriation should be granted as asked for, and in the event of its being possible to preserve a balance in the credit of the fund at the close of the year, every effort will be made by this Department to secure the same.

CONTINGENCIES.

Item No. 28.—Stakes, axes, nails, paint, postage, card, chalk, telephone, etc.

Item No. 29.—Stationery and draughting materials, as indicated.

Item No. 30.—Office furniture rendered necessary by removal.

Item No. 31.—As indicated.

Item No. 32.—I beg respectfully to call your attention to the fact that I have been informed by the Commissioner of Street Cleaning that he is of the opinion that his Department has no jurisdiction in the matter of cleaning dirt roads and macadam streets or highways; that, as required by law, his Department operates exclusively on streets, roads or highways which have been improved with black, asphalt or cobble pavement. It would therefore appear that the Board of Estimate and Apportionment must make provision for the cleaning of the streets, roads and avenues in the Borough of Richmond through this Department, as the only improvements in the paving line are those of macadam or Telford.

The amount of money estimated for this purpose for the year 1898, exclusive of the removal of ashes and garbage, which will be attended to by the Street Cleaning Department, will be presented at the Board meeting should they desire it.

Summary of Estimates for all Boroughs.

Summary table: Borough of Manhattan (\$1,354,586 00), Borough of The Bronx (\$1,115,280 00), Borough of Brooklyn (\$478,151 00), Borough of Queens (\$264,914 00), Borough of Richmond (\$33,184 00), Total (\$3,346,095 00).

Respectfully submitted,

JAMES P. KEATING, Commissioner of Highways.

Statement Showing the Amounts Asked for Salaries for the Department of Highways, Borough of Brooklyn, Giving Names of Present Employees, Salaries Asked for, Present Salaries, and Provision which has been made in the Brooklyn Budget for 1898. The Amounts Allowed in the Brooklyn Budget have been included in the Tax Already Laid and Collected in Brooklyn.

Table with columns: Position, Name, Salary Asked, Present Salary, Allowed in Brooklyn Budget. Rows include Commissioner's Office, Engineer's Office, Bureau of Stone and Asphalt Paving, Bureau of Improved Streets and Macadamized Roads, Bureau of Regulating and Grading, Bureau of Incumbrances, Bureau of Street and Asphalt Paving, Bureau of Regulating and Grading, Bureau of Incumbrances, Bureau of Improved Streets and Macadamized Roads, Bureau of Regulating and Grading, Bureau of Incumbrances.

Table with columns: Position, Name, Salary Asked, Present Salary, Allowed in Brooklyn Budget. Rows include Inspector Incumbrances, Inspector Taxes, Messenger, Four Inspectors Corporation Work.

SUMMARY table with columns: Position, Salary Asked, Allowed in Brooklyn Budget. Rows include Commissioner's Office, Engineer's Office, Bureau of Stone and Asphalt Paving, Bureau of Improved Streets and Macadamized Roads, Bureau of Regulating and Grading, Bureau of Incumbrances.

Table with columns: Position, Amount Asked, Amount Allowed for 1897, Amount Allowed for 1898, Actuals Expended in 1897. Rows include Commissioner's Office, Engineer's Office, Stone and asphalt paving, Improved streets and macadamized roads, Regulating and grading, Bureau of Incumbrances.

(a) Formerly provided for under Commissioner's Office, Department of City Works. (b) The Engineer's Office is identical with the former Bureau of Street Construction and Maintenance, which has had jurisdiction over all street work, except cleaning and removal of incumbrances. (c) Appropriation for all street work formerly made by lump sum under this head. (d) Hereinbefore taken from appropriation for previous account. (e) For inspection of flagging and fencing, which is now to be considered as regulating and grading. These inspections were formerly on Engineer's roll. (f) Formerly in charge of Bureau of Street Cleaning. Note.—The excess of \$114,360.76 in expenditures during 1897 over amount allowed for that year is accounted for by receipts from various sources, contributions from railroad companies for repaving, and transfers of unexpended balances from other accounts. The above is an explanation of estimates submitted by the Department of Highways for the Borough of Brooklyn.

OFFICE OF THE DEPUTY COMMISSIONER OF HIGHWAYS OF THE CITY OF NEW YORK, FOR THE BOROUGH OF QUEENS, January 21, 1898. Hon. JAMES P. KEATING, Commissioner of Highways, No. 150 Nassau street, New York City: DEAR SIR—In accordance with directions given by you, I hereby respectfully submit the following estimate of moneys needed to organize and maintain the Department of Highways for the Borough of Queens for the ensuing year. Before presenting the same I deem it necessary to make a general statement of all roads under contract with the former Highway Commissioners in the respective towns and villages now constituting the Borough of Queens, except Long Island City. Town of Newswam. 35.52 miles of roads have been given out in various contracts by the Highway Commissioner of the town, to be improved either with macadam or granite block pavement, for the total cost of \$580,000, as per Engineer's estimate; \$620,000 being raised by the sale of bonds; the balance, \$40,000, being estimated for engineering expenses and contingencies, etc. Of this sum of \$580,000, \$393,000 has been paid up to date on the various contracts by Engineer's estimate. Of this, 16 roads (17 miles) have not been finished; 13 roads (9 miles) have not been commenced, leaving 8 roads (9 miles) completed. No provision made for the maintenance. Town of Jamaica. 52 miles of macadam roads built. All contracts have been finished. No provision made for the maintenance. Village of Jamaica. 22 miles of streets improved with macadam, of which 3 1/2 miles are unfinished, and for which \$35,000 was left in the hands of the late Village Treasurer to finish said streets. There was also left in the hands of the late Village Treasurer \$11,500, percentages retained on finished contracts. No provision made for the maintenance. Village of Flushing. 28.86 miles of streets and roads macadamized. All contracts finished. No provision made for the maintenance. Village of College Point. 7.32 miles of streets and roads macadamized. All contracts finished. No provision made for the maintenance. Village of Whitestone. 14.63 miles of streets and roads macadamized. All contracts finished. No provision made for the maintenance. Village of Far Rockaway. 15 miles of streets and roads macadamized. No provision made for the maintenance.

Village of Arverne.

4.50 miles of streets and roads being bridled and macadamized but not finished. \$19,268 left to finish the work. No provision made for the maintenance.

Village of Richmond Hill.

20 miles of streets and roads macadamized. No provision made for the maintenance. Therefore the work for the Department of Highways in the Borough of Queens will consist of: 1. The finishing of contracts for roads under construction (20.50 miles). 2. The construction of roads under contract, not as yet commenced (9 miles). 3. The repairing, resurfacing, renewing, sprinkling, etc., of constructed highways (about 153 miles). 4. The engineering and supervision of roads under construction. 5. The preparation of plans and specifications and the letting of contracts for whatsoever work may be required by the taxpayers in the matter of highway construction. 6. The turpiking of country roads; cleaning, renewing and repairing of culverts, and the care of washouts, together with the inspection and supervision necessary for the proper maintenance of sidewalks, the cleaning of incumbrances, and the excavations from the various street railway companies of the proper maintenance of the highways in and between their tracks. In inclosing this statement I inclose an itemized list for the maintenance of the roads, the office and engineering force required, and the necessary supplies and stationery for the proper running of the Department for the year 1898. All of which is respectfully submitted,

DEPUTY COMMISSIONER OF HIGHWAYS OF NEW YORK CITY, FOR THE BOROUGH OF QUEENS.

Office and Engineering Force Required.

Table listing office and engineering force with salaries: Deputy Commissioner (\$4,000), Chief Clerk (\$1,500), Permit Clerk (\$1,200), Stenographer (\$900), Cashier (\$1,200), Chief Engineer (\$3,000), Assistant Engineer (\$1,800), Transmitters (\$3,000), Levelers (\$2,000), Kulkmen (\$3,200), Chainmen (\$3,000), Axemen (\$2,800), Draughtsmen (\$2,400), Messenger (\$750), Chief Inspector (\$1,200), Assistant Inspectors (\$20,000), Staldeman (\$500), Telephone rental (\$150), Office rent (\$600). Total: \$54,100.

Supplies.

Table listing supplies: Trains (\$500), Levels (\$250), Selfreading rods (\$50), Plumb-lines (\$34), Steel tapes (\$84), Miscellaneous supplies (\$500), Stationery and drafting materials (\$500), Traveling expenses (\$500), Horses and light wagons (\$600), Horse and two-wheeled wagon (\$300), Horse and wagon for steel repairing (\$300), Maintenance of horses (\$1,500), Bicycles (\$150), Typewriting machine and desk (\$25). Total: \$5,325.

Maintenance of Roads and Streets in the Borough of Queens, New York City.

Table listing maintenance of roads and streets: Long Island City (\$50,000), Town of Newtown (\$15,000), Town of Jamaica (94 miles) (\$20,000), Town of Flushing (54 miles) (\$16,500), Town of Hempstead (Fifth Ward-20 miles) (\$10,000), Completion of Grand Avenue (First Ward) (\$40,000), Completion of Flushing Avenue (First Ward) (\$20,000), Macadamizing shore road (\$15,000). Total: \$186,500.

BOROUGH OF QUEENS.

Table showing the amount allowed in the appropriation of 1897 for the year 1898 vs. the amount appropriated in 1898 for the year 1898, categorized by town and activity.

Total increase \$14,000. Total decrease 239,825. Net decrease 225,825.

BOROUGH OF QUEENS.

Estimate to the Department of Highways of the Amount of Money Deemed Necessary to be Appropriated for the Purpose of Conducting said Bureau in all its Branches During the Year 1898 are as follows:

Table showing the total appropriation for the Borough of Queens, categorized by town and activity, with a total of \$42,500.

Comparison of Salaries of 1898 with Salaries of 1897.

Table comparing salaries of 1898 with salaries of 1897 for various positions, showing increases and decreases.

The Comptroller made an oral report upon the estimate of the Department of Highways and offered the following: Resolved, That pursuant to the provisions of section 10 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, be and the same are hereby in part appropriated and apportioned as follows:

DEPARTMENT OF HIGHWAYS.

Table showing the department of highways budget, categorized by borough (Manhattan, Bronx) and activity, with a total of \$872,210.

BOROUGH OF BROOKLYN.	
Salaries—	
Labor Maintenance and Supplies	\$57,402 00
	221,997 00
	\$279,399 00
BOROUGH OF QUEENS.	
Salaries, including one-half Salary of Deputy Commissioner	\$7,700 07
Labor Maintenance and Supplies	100,500 00
	108,200 07
BOROUGH OF MIDDLETOWN.	
Salaries, including one-half Salary of Deputy Commissioner	\$14,320 07
Labor Maintenance and Supplies	75,000 00
	89,320 07
	\$1,937,802 34

Which was adopted by the following vote:  
 Affirmative—The Mayor, Comptroller, Corporation Counsel, President of the Council, and President of the Department of Taxes and Assessments—5.

The Comptroller presented the following:

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,  
 No. 150 NASSAU STREET,  
 New York City, January 17, 1898.

Hon. ROBT. A. VAN WYCK, Mayor and Chairman of the Board of Estimate and Apportionment.

DEAR SIR—In compliance with a circular letter from the Comptroller of The City of New York, I herewith submit for the consideration of the Board of Estimate and Apportionment the following estimate required for the Department of Sewers for the year 1898:

BOROUGH OF MANHATTAN.	
Salaries—	
Commissioner	\$5,000 00
Deputy Commissioner	5,000 00
Consulting Engineer	6,000 00
	\$16,000 00
Chief Engineer, Clerks and employees	13,500 00
For all expenses of the Borough of Manhattan, other than salaries—	
Sewers—Repairing and Cleaning, estimated cost of work to be done, materials to be furnished, cleaning and repairing sewers and basins, and pay-roll of laborers	150,000 00
Boring Examinations for Sewer Contracts including the payment of Foremen and laborers employed in boring gang	5,000 00
Contingencies	2,000 00
	\$157,000 00
	\$173,000 00

BOROUGH OF BROOKLYN.	
Salaries—	
Deputy Commissioner	\$5,000 00
Chief Engineer	4,200 00
	\$9,200 00
Clerks and other employees	45,000 00
For all expenses of the Borough of Brooklyn, other than salaries—	
Sewers—Repairing and Cleaning—Estimated cost of work to be done, materials to be furnished, cleaning and repairing sewers and basins and pay-roll of laborers	145,000 00
Boring Examinations for Sewer Contracts, including payment of Foremen and laborers employed in the boring gang	5,000 00
Contingencies	1,000 00
Twenty-third Ward—Sewerage Districts Nos. 1 and 2—Repairs and Maintenance, including salaries of Engineers, Foremen, Teamsters and Laborers	31,000 00
Twenty-fourth Ward—Sewer District—Maintenance and Repairs to Sewers, including salaries of Engineers, Foremen, Teamsters and Laborers (within the limits of the Law of 1885)	3,000 00
Total	\$334,600 00

BOROUGH OF THE BRONX.	
Salaries—	
Deputy Commissioner	\$5,000 00
Chief Engineer	4,000 00
	\$9,000 00
Engineers, Clerks and other employees	22,100 00
	\$31,100 00
For all expenses of the Borough of The Bronx, other than salaries—	
Sewers—Repairing and Cleaning—	
Materials to be furnished, cleaning and repairing sewers and basins and pay-roll of laborers	80,000 00
Sewerage, including sewer pipes, etc., by sewers and drains	6,500 00
For preliminary surveys and preparation of plans, etc.	24,340 00
For Boring Examinations for Sewer Contracts, including payment of Foremen and laborers employed in the boring gang	17,000 00
For Contingencies	1,000 00
Total	\$162,740 00

BOROUGH OF QUEENS.	
Salaries—	
Deputy Commissioner	\$5,000 00
Chief Engineer	3,000 00
	\$8,000 00
Salaries of Engineers, Clerks and other Employees	17,200 00
For all expenses of the Borough of Queens other than salaries—	
Sewers, Repairing and Cleaning—Material to be furnished, cleaning and repairing sewers and basins, and pay-roll of laborers	60,000 00
Contingencies	1,000 00
Total	\$86,200 00

BOROUGH OF RICHMOND.	
Salaries—	
Deputy Commissioner and Chief Engineer (one-half salary)	\$8,500 00
Engineers, Clerks and employees	13,500 00
For all expenses of the Borough of Richmond, other than salaries—	
Sewers, Repairing and Cleaning—Material to be furnished, repairing sewers and basins, pay-roll of laborers	10,000 00
Contingencies	500 00
Total	\$32,500 00

In submitting the above estimates for your consideration, I would state that I have endeavored to ask for such amounts as will be only absolutely required, and have made the titles of the appropriations the same for the different boroughs.

The appropriations for salaries provided for the establishment of an administrative force in each borough, which sums do not appear under any titles in the appropriations made by your predecessors for use in the year 1897; the amounts at that time being appropriated and set apart for the old Department of Public Works, City of New York, Board of City Works of Brooklyn and Department of Street Improvements, Twenty-third and Twenty-fourth Wards.

I have asked a small contingent appropriation for each borough.

I append herewith a statement, as near as can be ascertained, of the amounts allowed for the different boroughs by your predecessors, and the amounts asked for, for the year 1898.

NATURE AND TITLE OF APPROPRIATIONS.	AMOUNTS ALLOWED.	AMOUNTS ASKED FOR.
<i>Borough of Manhattan.</i>		
Sewers—Repairing and Cleaning	\$130,000 00	
Sewers—Repairing and Cleaning—Salaries	10,000 00	
Sewerage System—Salaries	6,000 00	
Boring Examinations and Grading, etc.	5,000 00	
	\$151,000 00	
Salaries for Commissioner, Deputy Commissioner, Consulting Engineer, Chief Engineer, Clerks and all employees other than laboring force		\$16,000 00
Sewers—Repairing and Cleaning		150,000 00
Boring Examinations for Sewers		5,000 00
Contingencies		2,000 00
		\$173,000 00
<i>Borough of Brooklyn.</i>		
Salaries for Engineer, Clerks, etc.	\$46,950 00	
Other appropriations	2,000 00	
	48,950 00	
Salaries for Deputy Commissioner, Engineer, Clerks and all employees other than laboring force		24,100 00
Sewers—Repairing and Cleaning (including Third Avenue sewer and main sewer, Twenty-fourth Ward)		145,000 00
Boring Examinations		5,000 00
Contingencies		1,000 00
		\$173,000 00
Thirty-fourth Ward—Repairs and Maintenance, Districts Nos. 1 and 2		31,000 00
Twenty-fourth Ward—Repairs and Maintenance, Bath Beach		3,000 00
		\$177,000 00
<i>Borough of The Bronx.</i>		
Rebuilding and Cleaning Sewers and Basins, Twenty-third and Twenty-fourth Wards	170,000 00	
Surveying and Laying out Main, etc., amount appropriated, \$18,000; allowed for sewers	6,500 00	
Preliminary Surveys and Preparation of Plans, appropriated, \$20,000; allowed for sewers	24,340 00	
Mark Boring, Boring, etc., appropriated, \$25,000; allowed for sewers	17,000 00	
	\$137,840 00	
Salaries for Deputy Commissioner, Engineer, Clerks and all employees other than laboring force		31,100 00
Sewers—Repairing and Cleaning		80,000 00
Surveying, Laying out Maps, Plans, etc.		6,500 00
Preliminary Surveys and Preparation of Plans		24,340 00
Boring Examinations, etc.		17,000 00
Contingencies		1,000 00
		\$162,740 00
<i>Borough of Queens.</i>		
Have no means of ascertaining amounts appropriated.		
Salaries—Deputy Commissioner, Engineer, Clerks and all employees other than laboring force		24,200 00
Sewers—Repairing and Cleaning		60,000 00
Contingencies		2,000 00
		\$86,200 00
<i>Borough of Richmond.</i>		
No means of ascertaining amounts appropriated.		
Salaries—Deputy Commissioner and Chief Engineer (one-half salary), Engineer, Clerks and all employees other than laboring force		32,500 00
Sewers—Repairing and Cleaning		10,000 00
Contingencies		500 00
		\$43,000 00

Respectfully submitted,  
 JAS. KANE, Commissioner of Sewers.

RECAPITULATION.	
Borough of Manhattan	\$173,000 00
Borough of Brooklyn	177,000 00
Borough of The Bronx	162,740 00
Borough of Queens	86,200 00
Borough of Richmond	43,000 00
Total	\$641,840 00

OFFICE OF THE DEPUTY COMMISSIONER OF SEWERS OF THE CITY OF  
 NEW YORK FOR THE BOROUGH OF QUEENS,  
 January 25, 1898.

Hon. JAMES KANE, Commissioner of Sewers, No. 150 Nassau street, New York City:

DEAR SIR—In compliance with orders received from you, I hereby submit a statement of the cost of maintaining and repairing of the several sewerage systems in the Borough of Queens; also the salaries and number of employees.

All of which is respectfully submitted.  
 MATHEW J. GOLDNER, Deputy Commissioner.

For the Repairing and Cleaning of the Sewers and Receiving-basins in the Borough of Queens.	
To provide for repairing and cleaning all sewers and receiving-basins, and for laboring force	\$58,500 00
Contingencies	1,000 00

This amount is to maintain and repair about 120 miles of sewers and about 400 sewer basins, which will cover a large area of ground—about 150 square miles. This amount can be reduced to the sum of \$43,500 by making the following deductions:

Long Island City	\$12,500 00	\$12,500 00
Jamaica	10,000 00	3,000 00
Rockaway Beach, Far Rockaway, Arverne and Rockaway Park	15,000 00	7,000 00
Flushing, Whitestone and College Point	5,000 00	6,000 00
Repairing outlet of Broadway sewer, Long Island City	15,000 00	15,000 00
	\$58,500 00	\$43,500 00

List of Employees and Salaries.

Table listing employees and salaries for the Department of Sewers, including Deputy Commissioner, Engineer, and various clerical positions.

Explanations.

The sewers in Long Island City will have to be immediately cleaned and repaired, as they have not been attended to for several years, and a number of them are stopped up with mud, etc.

Table for DEPARTMENT OF SEWERS, showing salaries for general administration and borough of Manhattan.

Table for BOROUGH OF THE BRONX, showing salaries for sewers, boring examinations, and contingencies.

Table for BOROUGH OF BROOKLYN, showing salaries for deputy commissioner's office, laying out and mapping sewerage districts, and other expenses.

Table for BOROUGH OF QUEENS, showing salaries including one-third salary of deputy commissioner, and sewerage expenses.

Table for BOROUGH OF RICHMOND, showing salaries including one-third salary of deputy commissioner, and sewerage expenses.

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, Corporation Counsel, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller presented the following: CITY OF NEW YORK, DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, COMMISSIONER'S OFFICE, No. 346 BROADWAY, NEW YORK, February 4, 1898.

Board of Estimate and Apportionment, The City of New York: DEAR SIR—Herewith I submit my detailed estimate of the moneys required to run the Department of Public Buildings, Lighting and Supplies for the year 1898.

Table for DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, PROVISIONAL ESTIMATE FOR 1898, BROOKLYN, listing various positions and their salaries.

Table for Bureau of Public Lighting, listing Clerk, Complaint Clerk, Stenographer, and Inspectors.

Table for Bureau of Meter Tests, listing Assistant Superintendent, Clerks, Skilled Prover, and various inspectors and laborers.

Bureau of Inspection of Care and Maintenance of Public Buildings.

Table listing employees and salaries for the Bureau of Inspection of Care and Maintenance of Public Buildings, including Stenographer, Inspectors of Construction and Repairs, and various clerical positions.

Table for Chief Inspector of Electric Wiring, listing Stenographer, Messenger, and various inspectors.

Table for Borough Supplies, listing Sheriff's office, Construction and repairs, Special Commissioner of Jurors, and various other supplies.

Table for Provisional Budget for 1898, listing Rent of Public Buildings, Examining Board of Plumbers, Salaries—Public Baths, and various other budget items.

Table for QUEENS, listing Deputy, Clerk, and various inspectors and laborers.

6 Messengers, at \$1,000	\$6,000 00
Repairs and supplies to public buildings, including furniture, fuel, sales, typewriters, carpets, janitors' supplies, hardware, lumber, carpenters', painters' and miscellaneous labor and supplies	25,000 00
Telephones	1,500 00
Contingencies	20,000 00

<i>Lighting</i>	
Village of Flushing	\$15,750 00
Village of College Point	12,000 00
Village of Whitestone	3,592 30
Town of Flushing	10,908 00
Long Island City	75,800 00
Newtown and Middle Village	74,516 00
Village of Jamaica	22,500 00
Town of Jamaica	40,000 00
Village of Richmond Hill	15,200 00
Demerit	8,125 00
Ozone Park	23,750 00
Hollis	2,310 00
Brooklyn Hills	4,750 00
Rockaway Beach	10,170 00
Inwood	3,543 75
Bereton, Far Rockaway and Rockaway Beach	3,250 00
Arcene	4,386 00
Far Rockaway	7,700 00
<b>Total</b>	<b>\$334,331 05</b>

<i>Provided for in Budget for 1897</i>	
<b>L. I. City—</b>	
Lighting	\$73,800 00
Maintenance, Public Works one-half (\$4,000)	2,000 00
Maintenance, Board of Assessors (\$5,500), salaries and supplies	1,200 00
Maintenance, Judicial Department (\$7,500), salaries and supplies	1,200 00
Maintenance, Health Department (\$12,000), salaries and supplies	1,200 00
Maintenance, Mayor's Office (\$5,000), salaries and supplies	1,200 00
Maintenance, Public Library (\$5,000), salaries and supplies	1,200 00
Contingent fund (\$15,000)	3,000 00
Improvement fund (\$5,000), salaries and supplies	1,200 00
Newtown (\$41,023.74), salaries and supplies	5,000 00
Flushing Town (\$41,500), salaries and supplies	500 00
General fund (\$52,171.85), salaries and supplies	4,000 00
Street lighting	5,999 35
Village of Flushing—Lighting	15,500 00
General fund (\$50,100), salaries and supplies, etc.	5,000 00
Village of Whitestone—	
Electric lights	5,400 00
General expense (\$4,500)	500 00
<b>Total</b>	<b>\$125,896 35</b>

<b>PROVISIONAL BUDGET FOR 1898</b>	
<b>RICHMOND.</b>	
Deputy	\$5,000 00
1 Clerk	1,000 00
2 Clerks, at \$1,000	2,000 00
5 Inspectors, at \$1,000	5,000 00
1 Inspector of Repairs	1,000 00
1 Messenger	1,000 00
2 Janitors, at \$600	1,200 00
2 Janitors, at \$500	1,000 00
12 Cleaners, at \$450	5,400 00
Repairs and supplies	8,500 00
Telephones	1,000 00
Lighting	184,328 75
Contingencies	10,000 00
<b>Total</b>	<b>\$105,088 75</b>

<i>Details of Lighting</i>	
Port Richmond	\$12,731 00
Edgewater	18,850 00
Northfield	15,800 00
Westfield	11,588 25
Totenville	2,340 00
New Brighton	39,348 00
Middletown	13,800 00
Southdale	11,543 75
Fresh Kill	347 75
<b>Total as above</b>	<b>\$124,328 75</b>

<i>Provided for in Budget for 1897</i>	
<b>County Budget (County abstract, \$80,447.60), salaries and supplies</b>	
Town of Westfield (Town abstract, \$5,735.74), salaries and supplies	1,200 00
Board of Health and Highway Commissioners (\$1,353.50), salaries and supplies	1,000 00
Town of Southfield Electric Light (Town abstract, \$12,442.62), salaries and supplies	8,050 30
Town of Northfield (Town abstract, \$14,334.08), salaries and supplies	4,000 00
Electric Light	8,050 30
Town of Middletown (Town abstract, \$10,451.28), salaries and supplies	3,000 00
Board of Health (\$2,275), salaries and supplies	300 00
Justices and Constables (\$6,514.22), salaries and supplies	600 00
Village of Edgewater, Police Justices (\$4,000), salaries and supplies	800 00
Board of Health (expenses, \$3,750), salaries and supplies	700 00
Lighting	12,872 00
Village of New Brighton, coal and supplies	400 00
Village of Totenville, lamps and maintenance (\$300) incidentals, salaries and supplies	900 00
Village of Port Richmond (\$12,000), general expenses—	
salaries and supplies	3,000 00
Street lighting	8,000 00
Board of Health (\$4,000), salaries and supplies	300 00
<b>Total</b>	<b>\$68,597 00</b>

<i>Provisional Estimate for 1898</i>	
<b>BUREAU.</b>	
Bureau of Public Lighting.	
Bureau of Meter Tests.	
Bureau of Care and Maintenance of Public Buildings.	
Electrical Bureau.	
<b>MANHATTAN AND BRONX.</b>	
<i>Salaries</i>	
Commissioner	\$7,500 00
Deputy for Manhattan	5,000 00
Deputy for Bronx	5,000 00
Secretary	2,500 00
Purchasing Agent and Contract Clerk	3,000 00
Chief Clerk	3,000 00
Chief Engineer	5,000 00
Consulting Engineer, L. and R.	3,000 00
Consulting Engineer of Public Buildings	3,000 00
Consulting Architect	3,000 00
Stenographer	1,200 00
1 Messenger	1,200 00
2 General Inspectors of Supplies (free lance), each \$1,800	3,600 00
4 Inspectors of Supplies, each \$1,500	6,000 00

3 Inspectors and Weighers of coal, each \$1,500	\$4,500 00
Bookkeeper	2,000 00
3 Clerks, at \$1,200 each	3,600 00
<b>Total</b>	<b>\$60,000 00</b>

<i>Chief Engineer's Office</i>	
2 Assistants, at \$2,000	\$4,000 00
1 Draughtsman	1,200 00
Stenographer	750 00
<b>Total</b>	<b>\$5,950 00</b>

<i>Borough Organization—Manhattan and Bronx</i>	
Superintendent of Public Lighting	\$3,000 00
Superintendent Meter Tests	4,000 00
Inspector of Care and Maintenance of Public Buildings	3,000 00
Chief Inspector of Electricity	5,000 00
<b>Total</b>	<b>\$15,000 00</b>

<i>Bureau of Public Lighting</i>	
Clerk	\$1,800 00
Clerk	1,200 00
Stenographer	1,040 00
4 Inspectors, at \$1,000	4,000 00
<b>Total</b>	<b>\$8,040 00</b>

<i>Bureau of Meter Tests</i>	
Assistant Superintendent	\$1,800 00
Clerk	1,500 00
5 Clerks	5,500 00
1 Skilled Prover	1,500 00
25 Provers	25,000 00
10 Inspectors	10,000 00
9 Laborers, \$625	5,625 00
Stenographer	750 00
<b>Total</b>	<b>\$61,714 00</b>

<i>Bureau of Inspection of Cabs and Maintenance of Public Buildings</i>	
Stenographer	\$1,040 00
1 Clerk	1,500 00
2 Clerks, at \$1,200	2,400 00
1 Clerk, at \$1,000	1,000 00
1 Clerk	600 00
1 Janitor	1,200 00
3 Janitors, at \$1,200	3,600 00
1 Janitor, at \$1,100	1,100 00
1 Janitor, at \$1,025	1,025 00
2 Janitors, at \$1,000	2,000 00
3 Janitors, at \$900	2,700 00
1 Janitor, at \$800	800 00
1 Janitor, at \$750	750 00
1 Janitor, at \$500	500 00
1 Engineer	1,500 00
2 Engineers, at \$1,200	2,400 00
4 Engineers, at \$1,000	4,000 00
Dynamo Engineer and Assistants	3,000 00
2 Watchmen, at \$800	1,600 00
12 Elevator Attendants, at \$700	8,400 00
1 Female Attendant	720 00
1 Female Attendant	540 00
1 Matron	600 00

<b>Markets—</b>	
1 Sweeper (Foreman)	750 00
3 Sweepers, at \$650	1,950 00
23 Sweepers, at \$72	5,720 00
10 Cartmen with carts, at \$1,092	20,740 00
1 Bath Attendant, at \$1,400	1,400 00
8 Bath Attendants, at \$1,025	8,200 00
Urinal Attendants	5,000 00
14 Carpenters, at \$1,092	15,288 00
1 Cabinetmaker, at \$1,092	1,092 00
1 Cement Worker	702 00
4 Cleaners, at \$704	2,816 00
16 Cleaners, at \$625	10,000 00
72 Male Cleaners, at \$625	44,925 00
4 Cleaners, at \$470	1,880 00
152 Female Cleaners, at \$350	47,200 00
21 Foremen, at \$912	19,152 00
2 Foremen, at \$1,400	2,800 00
1 General Foreman, at \$1,408	1,408 00
2 Foremen, at \$1,257	2,514 00
1 Foreman, at \$1,277	1,277 00
3 Foremen, at \$1,095	3,285 00
1 Assistant, at \$1,100	1,100 00
1 Mistress, at \$360	360 00
4 Skilled Laborers, at \$780	3,120 00
1 Lighter of Markets, at \$180	180 00
6 Lighters of Markets, at \$120	720 00
1 Plumber, at \$1,200	1,200 00
1 Plumber's Helper, at \$780	780 00
1 Pipe-fitter, at \$1,100	1,100 00
3 Varnishers, at \$940	2,820 00
39 Male Bath Attendants, for season, at \$2.50	11,925 00
39 Female Attendants, for season, at \$2	8,580 00
<b>Total</b>	<b>\$273,095 00</b>

<i>Electrical Bureau</i>	
Stenographer	\$750 00
Messenger	1,000 00
Permit Clerk	1,400 00
General Inspector of interior wiring	2,500 00
Roundman Inspector of Interior	1,800 00
30 Inspectors of Interior	36,000 00
General Inspector of overhead wiring	2,000 00
Roundman Inspector of overhead wiring	1,800 00
15 Inspectors of overhead wiring, at \$1,200	18,000 00
1 General Inspector of underground wiring	2,000 00
4 Inspectors of underground wiring	4,800 00
4 Laborers, at \$2; 312 days	2,496 00
<b>Total</b>	<b>\$74,576 00</b>

<i>Chief Clerk's Office</i>	
Stenographer	\$750 00
General Bookkeeper	3,500 00
2 Messengers, at \$1,000	2,000 00
Corresponding Clerk	2,400 00
Appointment Clerk	3,100 00
1 Clerk, at \$2,000	2,000 00
1 Clerk, at \$1,500	1,500 00
3 Clerks, at \$1,000	3,000 00
<b>Total</b>	<b>\$17,250 00</b>

Supplies for Public Offices, Including Criminal Court Building and Directories.

Table listing various supplies and services for public offices, including fuel, window awnings, telephone service, care of clocks, new window shades, new suits, carpets, rugs, etc., with associated costs.

Provided for in Budget for 1897.

Table listing budgeted items for 1897, including cleaning markets, free floating baths, lamps, gas and electric lighting, telephones, public buildings, armories, and department of public works.

Entirely new bureaus and subordinates and supplies for new offices and bureaus made necessary by provisions of Charter and establishment of new Boroughs, and increase in salaries for old bureaus required by increased responsibility and jurisdiction.

Borough Organisation.

Table listing salaries of staff of Deputy, including Secretary, Stenographer, Messengers, Superintendent of Public Lighting, Superintendent of Meter Tests, Inspector of Care and Maintenance of Public Buildings and Chief Inspector of Electricity.

Table listing various supplies and services for public offices, including new suits, new office furniture and repairs, carpets, rugs, etc., with associated costs.

BROOKLYN.

Table listing salaries for various positions in Brooklyn, including Deputy Commissioner, Engineer, Stenographer, Accountant, Secretary, Draughtsmen, Superintendent Public Lighting, Superintendent Meter Tests, Inspector of Public Buildings, Chief Inspector of Electricity, and Messengers.

Bureau Public Lighting.

Table listing salaries for positions in the Bureau of Public Lighting, including Clerk, Complaint Clerk, Stenographer, and Inspectors.

Bureau of Meter Tests.

Table listing salaries for positions in the Bureau of Meter Tests, including Assistant Superintendent, Clerk, Skilled Prover, Provers, Inspectors, and Laborers.

Bureau of Inspection of Care and Maintenance of Public Buildings.

Table listing salaries for positions in the Bureau of Inspection of Care and Maintenance of Public Buildings, including Stenographer, Inspectors of Construction and Repairs, Masons, Clerks, Plumbers, Messengers, Bath-keepers, Matrons, Watchmen and Inspectors, and various roles in City Hall, Hall of Records, Board of Elections, Sheriff's Office, and Court-house.

Chief Inspector of Electricity—Staff.

Table listing salaries for the staff of the Chief Inspector of Electricity, including Stenographers, Messengers, Permit Clerk, General Inspector, Interior wiring, General Inspector, Overhead wiring, Inspectors, Overhead wiring, Inspectors, Underground wiring, and Laborers.

*Brooklyn Supplies.*

Sheriff's Office—Fuel, gas, supplies at Jail	\$20,000 00
Construction and repairs	50,000 00
Special Commissioner of Juries	1,000 00
Examining Board of Chauders	775 00
Rents of Public Buildings	25,000 00
Lighting	775,000 00
Bureau of Supplies	45,500 00
Baths—Salaries	10,000 00
Salaries—General Appropriation	232,200 00
Contingencies	50,000 00
Wallabout Markets	10,000 00
Repairs to Public Buildings	7,500 00
Armories—Supplies	20,000 00
Armories—Repairs	15,000 00
Wallabout Office Building—Salaries	720 00
County Court-house—Supplies	7,000 00
Hall of Records—Repairs and supplies	8,000 00
Horse keep, repairs, etc.	1,000 00
Public Baths—Repairing, storage, insurance, etc.	6,500 00
Disciplinary Training School—Repairs, gas, fuel, etc.	35,000 00
<b>Total</b>	<b>\$1,251,098 40</b>

*Provision for Budget for Bath.*

Rent of Public Buildings	\$15,000 00
Examining Board of Promoters	575 00
Salaries—Public Baths	10,000 00
Salaries—City Hall	4,500 00
Salaries—Civil and Police Courts	10,000 00
Wallabout Market (planned)	10,000 00
Public Baths (supplies, storage, etc.)	6,500 00
Repairs to Public Buildings	7,500 00
Construction Bureau—Horse-keep, etc.	1,000 00
Bureau of Supplies	45,500 00
Lighting Streets	653,000 00
County Clerk—Recor'd books, etc. (added)	2,000 00
Salaries—Inspectors, repairs, etc. (added)	5,000 00
Sheriff's Office	24,500 00
County Court-house—Repairs and supplies	7,000 00
Hall of Records—Repairs and supplies	8,000 00
Armories—Supplies	20,000 00
Armories—Repairs	15,000 00
Salaries—Department City Works (i.e. arbitrary)	12,027 00
Hall of Records	14,810 00
Board of Elections (Janitors and Cleaners)	1,000 00
Department of Health (Keeper and Camer)	2,350 00
Special Commissioner of Juries (rent and water)	1,000 00
Disciplinary Training School	35,000 00
<b>Total</b>	<b>\$922,200 00</b>

**REMARKS—1897-1898.**

**Notes.**—In the amounts allowed in the appropriation of 1897 for the year 1898, the salaries of Janitors, Cleaners, etc., for the Court-house, have been entirely omitted. This is a serious error in the salaries paid for the year and closing of this building is \$25,250.

**Lighting's Staff.**—The increase is entirely due to new purposes.

**Bureau of Public Lighting.**—The increase is due to the larger force necessary, because of additional duties.

**Bureau of Marine Tugs.**—This is entirely new and is required by the Charter.

**Care and Maintenance of Public Buildings.**—This includes Bureau salaries, salaries of Janitors, Boiler Engineers, Assistants, Carpenters, Skillet Laborers, Cobblers, etc., in Borough Hall, Municipal Building, Hall of Records, Small Courts, Board of Health and Board of Elections, also Engineers at the Kings County Jail and Superintending Engineers of County Buildings.

**Bureau of Electricity.**—This increase is due to the larger force needed to properly supervise the electrical work proposed in the Department by the Charter.

**Lighting, Lighting and Supplies.**—In addition to the \$653,000 allowed in the appropriation for 1897, \$240,500 was transferred to this account during 1897, making the total amount used for street lighting during 1897, \$922,500. Should the amount of \$653,000 allowed in the appropriation of 1897 for the year 1898 match, it will be necessary to discontinue some 1,400 arc lights and go back to gas.

**Bath repairs, etc.**

**Repairs to armories.**

**Supplies to armories.**

**Contingencies and Repairs to Public Buildings.**—The \$49,470 allowed in the appropriation for 1897 was insufficient and \$7,500 more of Mayor's Office was obtained to cover this deficiency, making the amount actually used for this purpose during 1897, \$56,970.

**County Court-house, records and supplies.**

**Hall of Records, repairs and supplies.**

**Supplies for fuel and lighting of Public Buildings.**—This includes fuel, gas, soap, disinfectants, etc., at the jail, general supplies (including tax) and (say) for the various public offices, horse-keep, telephones, etc., all Janitors, Watchmen and Laborers in the various public offices.

**Rents of Public Buildings.**—This amounts \$1,000 for offices of the Special Commissioner of Juries and \$275 for offices of the Examining Board of Promoters. The desired increase of \$5,000 over the appropriation is due to the greater requirements of the new department, including rental money for new courts.

**Contingencies.**—This is entirely new, and is asked for with a view to covering extensive alterations in the Municipal Building as well as changes throughout all the offices in the Borough of Brooklyn.

**Wallabout Market Maintenance.**—The Deputy Commissioner is of the opinion, based upon information given by the Borough Law Department, that the jurisdiction of the Department of Public Buildings, Lighting and Supplies, Borough of Brooklyn, over the Wallabout Market extends simply to the maintenance of the Administration Building. The amount required for that has been estimated at \$720, exclusive of the item of heating, which is covered by another appropriation. All the other buildings in the Wallabout Market are owned by the occupants, and are upon ground leased by the City to them.

**Disciplinary Training School.**—The total amount allowed in the Budget of 1897 for the purpose of 1898, in connection with the Disciplinary Training School was \$48,000. Of that amount (the Deputy Commissioner is of the opinion) only \$7,500 is applicable to the purposes of this year. He asks for a total appropriation for the house so far as its operations are covered by this Department, of \$45,000.

BOROUGH OF BROOKLYN.  
*Public Lighting.*

Wards	Blocks	Miles	Aves.	Days	Hours	Power	Cost, per Year
First	Center	7.50	20	100	144	217 25	2 38075
Second	Midway—Downtown	7.50	—	—	80	17 21	12 30475
Third	Northfield	35.00	—	—	80	17 25	10 37075
		—	—	—	30	17 25	2 30075
Fourth	Southfield—Grand	14.50	—	—	52	17 25	2 30075
Fifth	Westfield	10.00	—	—	54	17 25	30 years, Nov. 1897
		10.00	—	—	54	17 25	3 years, Nov. 1897
Second and Fourth	Fresh Kills Bridge	15.70	15	100	78	14 00	2 years
		—	—	—	40	17 25	30 years
<b>Total</b>		<b>113.20</b>	<b>20</b>	<b>200</b>	<b>410</b>	<b>—</b>	<b>\$180,050 50</b>

The Comptroller made an oral report thereon, and offered the following:

Resolved, That, pursuant to the provisions of section 10 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, he and the same are hereby in part appropriated and apportioned as follows:

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES.

Salaries—General Administration—Salaries of Commissioner, Secretary, Chief Engineer, Consulting Architect, Stenographer, Bookkeeper and Messenger... **\$25,200 00**

BOROUGH OF MANHATTAN AND THE BRONX.

Salaries of Deputies, Clerks, Laborers, Cleaners, Janitors and Employees	\$282,207 00
Supplies and Repairs	360,520 00
Lamps and Lighting	1,290,236 00
<b>Total</b>	<b>1,933,023 00</b>

BOROUGH OF BROOKLYN.

Salaries of Deputy, Clerks, Laborers, Cleaners, Janitors and Employees	\$130,082 00
Supplies and Repairs	278,507 00
Lamps and Lighting	732,953 11
<b>Total</b>	<b>1,141,542 11</b>

BOROUGH OF QUEENS.

Salaries of Deputy and Employees	\$30,310 00
Supplies and Repairs	21,500 00
Lamps and Lighting in Long Island City	73,800 00
<b>Total</b>	<b>125,610 00</b>

BOROUGH OF RICHMOND.

Salaries of Deputy and Employees	11,080 00
Supplies and Repairs	7,200 00
<b>Total</b>	<b>18,280 00</b>

**\$3,243,405 11**

Which was adopted by the following vote:

Affirmative—The Mayor, Comptroller, Corporation Council, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller presented the following:

DEPARTMENT OF BRIDGES—COMMISSIONER'S OFFICE,  
STEWART BUILDING,  
NEW YORK, January 14, 1898.

To the Honorable Board of Estimate and Apportionment of The City of New York:

Your Honorable Board is respectfully requested to appropriate, for the proper transaction of the business of the Department of Bridges of The City of New York for the year 1898, the following sums, viz:

*Main Office in Manhattan.*

1. Commissioner, salary	\$7,500 00
2. Deputy Commissioner, salary	6,000 00
3. Chief Engineer, salary	7,000 00
4. Four Assistant Engineers, salary	16,000 00
5. Three Resident Engineers, salary	7,200 00
6. Five Draftsmen, salary	7,500 00
7. Officers, Clerks and Employees in the office of the Commissioner, Schedule 1	21,780 00
8. Consulting Engineer	7,500 00
9. Superintendent of Supplies	3,500 00
10. Three Inspectors of Bridges	4,500 00
11. Maintaining and repairing bridges over Harlem river, Schedule 2	97,041 88
12. Maintaining and repairing other bridges in the Borough of Manhattan, Schedule 3	41,000 00
13. Maintaining and repairing bridges over Newtown Creek, Schedule 4	54,500 00
<b>Total</b>	<b>\$275,581 88</b>

*Branch Office in Brooklyn.*

1. Deputy Commissioner, salary	\$5,000 00
2. Officers, Clerks and employees in the Borough of Brooklyn, Schedule 5	84,000 00
3. Repair and supplies for bridges in the Borough of Brooklyn, Schedule 6	25,000 00
4. Rebuilding bridges over Gowanus Canal, Schedule 7	65,000 00
<b>Total</b>	<b>\$179,000 00</b>

*Branch Office in Bronx.*

1. Deputy Commissioner, salary	\$5,000 00
2. Officers, Clerks and employees in the Borough of The Bronx, Schedule 8	45,300 00
3. Repairs and supplies for bridges in the Borough of The Bronx, Schedule 9	17,240 00
<b>Total</b>	<b>\$67,540 00</b>

*Branch Office in Queens.*

1. Deputy Commissioner, salary	\$5,000 00
2. Officers, Clerks and employees in the Borough of Queens, Schedule 10	38,000 00
3. Repairs and supplies for bridges in the Borough of Queens, Schedule 11	25,000 00
<b>Total</b>	<b>\$68,000 00</b>

*Borough of Richmond.*

1. Salaries of officers and employees, Schedule 12	\$3,300 00
2. Repairs and supplies for bridges in the Borough of Richmond, Schedule 13	6,500 00
<b>Total</b>	<b>\$9,800 00</b>

*New York and Brooklyn Bridge.*

1. Salaries and wages, Schedule 14	\$714,500 00
2. Repairs and supplies, Schedule 15	187,261 68
<b>Total</b>	<b>\$901,761 68</b>

RECAPITULATION.

Main office, in Manhattan	\$275,581 88
Branch office, in Brooklyn	179,000 00
Branch office, in Bronx	67,540 00
Branch office, in Queens	68,000 00
Borough of Richmond	9,800 00
New York and Brooklyn Bridge	901,761 68
Rents and contingencies	35,000 00
<b>Grand total</b>	<b>\$1,531,873 56</b>
—including \$85,000 for Gowanus Canal bridges.	
Rebuilding bridges over Newtown Creek	\$450,000 00
If rebuilt, deduct estimate for repairs	75,000 00
<b>Total</b>	<b>\$1,066,873 56</b>



If bridges are not rebuilt we want .....	\$1,415,823 50
If bridges are rebuilt over Gowanus we want .....	2,514,873 50
If bridges are rebuilt over Gowanus and Newtown Creek we want .....	3,065,823 50
<b>Total reduction .....</b>	<b>\$1,025,000 15</b>

**SCHEDULE 1.**  
*Officers, Clerks and Employees in the Main Office of Manhattan.*

Private Secretary .....	\$4,000 00
Chief Clerk to Commissioner .....	3,000 00
Chief Clerk to Deputy Commissioner .....	2,000 00
Four Clerks, at \$1,800 .....	7,200 00
Three Bookkeepers, at \$1,500 .....	4,500 00
One Cashier .....	3,000 00
Two Assistant Cashiers, at \$1,800 .....	3,600 00
Two Stenographers, at \$1,040 .....	2,080 00
Three Messengers .....	3,400 00
<b>Total .....</b>	<b>\$31,780 00</b>

**SCHEDULE 2.**  
*Maintaining and Repairing Bridges Over Harlem River.*

1. Harlem River Ship Canal—

3 Steam Engineers, at \$1,080 .....	\$3,240 00
1 Fireman, at \$2.50 per day .....	912 50
2 Skilled Laborers, at \$2.50 a day .....	1,800 00
1 Bridge Tender, at \$2.50 per day .....	912 50
1 Bridge Tender, at \$2 per day .....	750 00
<b>Supplies .....</b>	<b>77 00</b>
Coal, 155 tons, at \$5 .....	775 00
Oil, waste and tools .....	200 00
Painting .....	5,000 00
Repairs to machinery and electric work .....	280 00
<b>Total .....</b>	<b>\$17,495 00</b>

2. Washington Bridge—

1 Inspector of Iron .....	\$1,300 00
3 Laborers, at \$2 each .....	6,000 00
3 Laborers, at \$1.75 each .....	5,250 00
<b>Total .....</b>	<b>\$12,550 00</b>

3. Central Bridge—

3 Steam Engineers, at \$1,000 .....	\$3,000 00
3 Firemen, at \$840 .....	2,520 00
10 Bridge Tenders, at \$720 .....	7,200 00
7 Laborers, at \$2 per day .....	5,400 00
<b>Coal, 250 tons, at \$4.75 .....</b>	<b>1,187 50</b>
<b>Total .....</b>	<b>19,307 50</b>

4. Madison Avenue Bridge—

3 Steam Engineers, at \$1,000 .....	\$3,000 00
3 Firemen, at \$840 .....	2,520 00
5 Bridge Tenders, at \$720 .....	3,600 00
<b>Coal, 70 tons, at \$4.75 .....</b>	<b>332 50</b>
<b>Total .....</b>	<b>9,452 50</b>

Bridges 2, 3 and 4—Supplies—

Tools, waste, oil and gas .....	\$1,075 00
Ordinary repairs .....	1,800 00
Extraordinary repairs to Madison Avenue Bridge and painting same, and pairs to other small bridges over Harlem River .....	12,077 83
1 Fireman of Repair Gang, at \$4 per day .....	1,200 00
10 Bridge Mechanics, at \$3 per day .....	3,000 00
1 Team, at \$5 per day .....	1,200 00
<b>Total .....</b>	<b>20,352 83</b>

Totals of 2, 3 and 4 .....

5. Third Avenue Bridge (to be maintained for one month of 1898)—

3 Steam Engineers, at \$1,080 .....	\$3,240 00
3 Firemen, at \$840 .....	2,520 00
12 Bridge Tenders, at \$720 .....	8,640 00
12 Laborers, at \$600 .....	7,200 00
<b>Supplies .....</b>	<b>\$10,200 00</b>
Coal, 202½ tons, at \$4.75 .....	\$9,620 85
Tools, oil, waste and repairs .....	1,000 00
<b>Total .....</b>	<b>\$38,440 88</b>

**SCHEDULE 3.**  
*Bridge at Park Avenue and Forty-first Street.*

Repairing and painting .....	\$1,000 00
One Hundred and Fifty-fifth Street Viaduct—Cleaning, repairing and painting .....	21,000 00
<b>Total .....</b>	<b>\$22,000 00</b>

**SCHEDULE 4.**

1. Vernon Avenue Bridge—	
14 employees .....	\$10,400 00
Repairs .....	10,000 00
2. Blissville Bridge—	
14 employees .....	10,400 00
Repairs .....	5,000 00
3. Macker Avenue Bridge—	
13 employees .....	9,760 00
Repairs .....	500 00
4. Grand Street Bridge—	
11 employees .....	8,300 00
Repairs .....	500 00
<b>Total .....</b>	<b>\$39,010 00</b>
<b>Add \$480 .....</b>	<b>480 00</b>
<b>Total .....</b>	<b>\$39,490 00</b>
To this should be added for repairs to Blissville Bridge, \$15,000, making \$20,000 in all .....	15,000 00
<b>Total .....</b>	<b>\$59,490 00</b>

**SCHEDULE 5.**

Chief Clerk .....	\$2,500 00
Assistant Clerk .....	1,800 00
Messenger .....	1,200 00
1 Superintendent .....	2,000 00
2 Inspectors .....	3,000 00
10 Mechanics, at \$1.50 per day .....	15,000 00
20 Laborers, Axemen and Rollmen .....	12,000 00
30 Bridge Keepers and Tenders .....	27,000 00
1 Engineer .....	4,000 00
<b>Total .....</b>	<b>\$64,000 00</b>

**SCHEDULE 6.**

Painting iron structures .....	\$3,000 00
Repairs on old draw bridges .....	15,250 00
Expenses—Brushes, salt, oil, waste and tools .....	2,000 00
Coal for boilers .....	500 00
Coal for bridge-keepers' houses .....	250 00
Repairing wooden bridges .....	4,000 00
<b>Total .....</b>	<b>\$25,000 00</b>

**SCHEDULE 7.**

Hamilton Avenue Bridge .....	\$50,000 00
Third Street Bridge .....	20,000 00
Union Street Bridge .....	15,000 00
<b>Total .....</b>	<b>\$85,000 00</b>

**SCHEDULE 8.**

Chief Clerk .....	\$2,500 00
Messenger .....	1,200 00
Stenographer to Deputy Commissioner .....	1,040 00
4 Inspectors .....	3,000 00
4 Mechanics .....	4,200 00
25 Laborers, Axemen and Rollmen .....	24,000 00
2 Firemen .....	2,100 00
4 Bridge Tenders .....	4,200 00
1 Engineer and Superintendent .....	4,000 00
<b>Total .....</b>	<b>\$48,300 00</b>

**SCHEDULE 9.**

Repairing and Maintaining Cromwell's Creek Bridge .....	\$500 00
Repairing and Maintaining Bronx River and Other Bridges .....	5,200 00
Repairing and Maintaining Bridges Over New York and Harlem Railroad Depression .....	10,000 00
<b>Total .....</b>	<b>\$15,700 00</b>

**SCHEDULE 10.**

Chief Clerk .....	\$1,500 00
Messenger .....	1,000 00
Stenographer to Deputy Commissioner .....	1,040 00
2 Inspectors .....	2,400 00
2 Bridge Keepers .....	2,000 00
14 Assistant Keepers .....	7,020 00
2 Firemen, at \$1.50 per day .....	2,100 00
4 Mechanics, at \$1.50 per day .....	4,200 00
20 Laborers, at \$2 per day .....	12,000 00
1 Resident Engineer and Superintendent .....	2,400 00
1 Rollman .....	1,500 00
1 Axeman, at \$1.50 per day .....	750 00
<b>Total .....</b>	<b>\$38,090 00</b>

**SCHEDULE 11.**

Painting bridges, painting and repairing .....	\$1,500 00
Leitch Neck Bridge, new aluminum .....	5,000 00
Korwin's Bridge, new aluminum .....	5,000 00
Bardes Avenue bridge, repairs in turning machinery .....	3,000 00
Andrie Avenue bridge, new floor .....	500 00
Thompson Avenue Bridge, new floor .....	500 00
Repairs to other small bridges and supplies for all bridges .....	7,500 00
<b>Total .....</b>	<b>\$38,000 00</b>

**SCHEDULE 12.**

1 Superintendent .....	\$1,200 00
1 Inspector .....	900 00
2 Bridge Tenders .....	1,200 00
<b>Total .....</b>	<b>\$3,300 00</b>

**SCHEDULE 13.**

Repairs and supplies (Richmond) .....	\$6,500 00
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**SCHEDULE 14.**

Wages of employees on New York and Brooklyn Bridge .....	\$661,500 00
Salaries of officers .....	35,000 00
<b>Total .....</b>	<b>\$714,500 00</b>

The foregoing is \$101,228.39 less than was expended for salaries and wages in the year 1897.

The total expenditure, for all purposes, on the New York and Brooklyn Bridge for the year 1897, was .....

Balance for 1898 .....	\$1,228,143 24
<b>Total .....</b>	<b>901,761 68</b>

Reduction .....

<b>Total .....</b>	<b>\$326,381 56</b>
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**SCHEDULE 15.**

Removing snow .....	\$2,500 00
Cars, repairs .....	8,353 08
Cable plant .....	5,109 21
New lamps .....	2,200 00
General repairs .....	11,606 85
Painting .....	4,975 08
Machinery .....	4,069 54
Trucking .....	2,701 88
Promenades and stations .....	1,401 87
Tracks .....	5,038 47
Electric supplies .....	6,593 84
General supplies .....	16,543 96
Oils, grease, etc. .....	6,079 73
Water supply .....	4,500 00
Printing and tickets .....	17,831 93
Paving and crosswalks .....	1,800 07
Repairs and changes in warehouses .....	3,539 72
New cables .....	8,309 96
Anthracite coal and cartage .....	55,294 00
Sewer and water pipes and fittings .....	1,315 28
Lumber of all kinds .....	10,437 16
Contingencies .....	10,000 00
<b>Total .....</b>	<b>\$187,261 68</b>

As against the sum actually required, viz.....	\$1,446,873 50
We have resources of the New York and Brooklyn Bridge, based on receipt of 1897—	
Tolls.....	\$1,240,861 24
Rents.....	111,419 47
	1,352,280 71
Balance.....	\$94,592 85

APPROPRIATIONS FOR 1898

<i>Brooklyn.</i>		
Budget, page 24.....	\$7,500 00	
" 27.....	20,000 00	27,500 00
<i>New York.</i>		
Budget, page 15.....	\$11,500 00	
" 16.....	15,000 00	
" 17.....	50,000 00	
" 18.....	5,000 00	
" 18.....	500 00	
" 18.....	5,000 00	
	90,000 00	
	\$117,500 00	
Excess of estimated resources and appropriations over sum required.....	\$32,907 15	

LIST OF BRIDGES IN NEW YORK CITY.

- Borough of Manhattan.*
- Bridges now open to public travel—
1. One Hundred and Fifty-fifth Street Viaduct.
  2. Park Avenue and Forty-fourth Street.
- About to be built—
1. Manhattan Valley Viaduct.
- Borough of Brooklyn.*
- Open to public travel—
1. Third Street, over Gowanus Canal.
  2. Carroll Street, over Gowanus Canal.
  3. Union Street, over Gowanus Canal.
  4. Hamilton Avenue, over Gowanus Canal.
  5. Ninth Street, over Gowanus Canal.
  6. Washington Avenue, over Wallabout Canal.
  7. Kent Avenue, over Bushwick Creek.
  8. Emmons Avenue near east end of street.
  9. Emmons Avenue, over Coney Island Creek, Brighton Beach and Manhattan Beach Railroad crossing.
  10. Ocean Avenue, across Sheepshead Bay to Manhattan Beach.
  11. Gravesend Beach Lane, over Coney Island Creek.
  12. Fifth Avenue and Sixty-fifth Street, over Manhattan Beach Railroad tracks.
  13. Fifth Avenue and Sixty-fifth Street, over Sea Beach Railroad track.
  14. Thirty-eighth Street and Eighth Avenue, over South Brooklyn and Terminal Railroad tracks.
  15. Third Avenue, between Third and Fifth Streets, over Gowanus Canal.
  16. Heller Street, over Brighton Beach Railroad tracks.
  17. Douglas Street, over Brighton Beach Railroad tracks.
  18. Old Mill Road, Twenty-fourth Ward.
  19. Deets Creek and Deets Lane, Twenty-sixth Ward.
  20. Kingsford Avenue, near Greecypoint Avenue.
- Now building—
1. Highway Avenue, from West Seventeenth Street to West Eighteenth Street, Coney Island.

*Borough of The Bronx.*

- Bridges now open to public travel—
1. Mott Haven Canal and One Hundred and Thirty-fifth Street.
  2. Mott Haven Canal and One Hundred and Thirty-eighth Street.
  3. New York and Harlem Railroad and One Hundred and Forty-fourth Street.
  4. New York and Harlem Railroad and One Hundred and Forty-ninth Street.
  5. New York Central Railroad and Mott Avenue.
  6. New York and Harlem Railroad and Morris Avenue.
  7. New York and Harlem Railroad and One Hundred and Fifty-eighth Street.
  8. New York and Harlem Railroad and One Hundred and Sixty-first Street.
  9. New York and Harlem Railroad and One Hundred and Sixty-second Street.
  10. Branch Railroad and Third Avenue.
  11. Branch Railroad and Washington Avenue.
  12. Branch Railroad and Elton Avenue.
  13. Branch Railroad and One Hundred and Sixty-third Street.
  14. New York and Harlem Railroad and One Hundred and Sixty-fifth Street.
  15. New York and Harlem Railroad and One Hundred and Sixty-eighth Street.
  16. New York and Harlem Railroad and One Hundred and Sixty-ninth Street.
  17. New York and Harlem Railroad and One Hundred and Seventieth Street.
  18. New York and Harlem Railroad and Westover Avenue.
  19. New York and Harlem Railroad and One Hundred and Seventy-third Street.
  20. New York and Harlem Railroad and One Hundred and Seventy-fifth Street.
  21. New York and Harlem Railroad and One Hundred and Seventy-sixth Street.
  22. New York and Harlem Railroad and Tremont Avenue.
  23. New York and Harlem Railroad and One Hundred and Seventy-eighth Street.
  24. New York and Harlem Railroad and One Hundred and Seventy-ninth Street.
  25. New York and Harlem Railroad and One Hundred and Eightieth Street.
  26. New York and Harlem Railroad and One Hundred and Eighty-third Street.
  27. New York and Harlem Railroad and One Hundred and Eighty-seventh Street.
  28. New York and Harlem Railroad and One Hundred and Eighty-ninth Street.
  29. New York and Harlem Railroad and Fordham Station.
  30. New York and Harlem Railroad and Southern Boulevard.
  31. Gun Hill Road.
  32. Bsinbridge Avenue.
  33. New York Central Railroad and River Avenue.
  34. Riverdale Avenue, over Kingsbridge Creek.
  35. New York Central Railroad and Church Street.
  36. Cronwell's Creek and One Hundred and Sixty-fifth Street.
  37. Bronx River and Pelham Avenue.
  38. Bronx River and Boston Avenue.
  39. Bronx River and Samuel Street.
  40. Bronx River and Tremont Avenue.
  41. Bronx River and Westchester Avenue.
  42. New York and New Haven Railroad, at Hunt's Point Station.
  43. Port Morris Branch Railroad and One Hundred and Fifty-sixth Street.
  44. Westchester Creek, at Unionport.
  45. Westchester Creek, at Westchester Village.
  46. City Island Bridge.
  47. New York and New Haven Railroad, at Van Nest Station.
  48. New York and New Haven Railroad, at Tremont Avenue.
  49. New York and New Haven Railroad and Williamsbridge Road.
  50. Bronx River and Briggs Avenue.
  51. Eastchester Creek and Boston Post Road.

- Bridges building and about to be built—
1. Bronx River and Westchester Avenue.
  2. New York Central Railroad and Gerard Avenue.
  3. New York Central Railroad and Walton Avenue.
  4. New York Central Railroad and River Avenue.
  5. New York and Port Morris Railroad, at Fort Independence Street.
  6. New York and Harlem Railroad and One Hundred and Fifty-third Street.
  7. New York and Harlem Railroad and Melrose Avenue.
  8. Port Morris Branch Railroad and Brook Avenue.
  9. Bronx River and One Hundred and Seventy-seventh Street.
  10. Bronx River, between Woodlawn and Williamsbridge.
  11. Mott Haven Canal and One Hundred and Thirty-fifth Street.

*Borough of Queens.*

- Open to public travel—
1. Old road over Horse Brook.
  2. Flushing, over Flushing Creek.
  3. Strong's, over Flushing Creek.
  4. Little Neck, over Alley Creek.
  5. Norton's, over Norton's Creek.
  6. Locust Avenue, over Beaver Creek.
  7. Borden Avenue, over Dutch Kills Creek.
  8. Hunter's Point, over Dutch Kills Creek.
  9. Thompson Avenue, over Dutch Kills Creek.

*Borough of Richmond.*

- Open to public travel—
1. Fresh Kill.
  2. Henderson Avenue.
  3. Cherry Lane.
  4. Coles Dam.
  5. Manor Road.
  6. Moravian.
  7. Post Avenue.
- Now building—
1. Willow Brook.

*Joining the Boroughs of Manhattan and The Bronx.*

- Open to public travel—
1. Second Avenue, Suburban Rapid Transit Railroad Bridge with public sidewalk.
  2. Third Avenue, Temporary bridge.
  3. Madison Avenue.
  4. Central or Macomb's Dam.
  5. Eighth Avenue, New York and Putnam Railroad, Public sidewalk.
  6. Washington, at West One Hundred and Eighty-first Street.
  7. Farmer's, at West Two Hundred and Twenty-fourth Street.
  8. Spuyten Dayvil Creek, at Kingsbridge Road.
  9. Harlem Ship Canal, on Broadway.

*Joining the Boroughs of Manhattan and The Bronx.*

- Building, or about to be built—
1. Willis Avenue, from First to Willis Avenue.
  2. Third Avenue.
  3. Lenox Avenue, from One Hundred and Forty-third Street to One Hundred and Forty-fifth Street.
  4. Spuyten Dayvil Creek, on Broadway.

*Joining the Boroughs of Manhattan and Brooklyn.*

New York and Brooklyn Bridge.

*Joining Boroughs of Brooklyn and Queens.*

- Open to public travel—
1. Vernon Avenue.
  2. Blisville.
  3. Meeker Avenue.
  4. Grand Street.
  5. Metropolitan Avenue.

MEMORANDUM.

In relation to estimate for the Department of Bridges of The City of New York for the year 1898.

*Bridges.*

Number of bridges having terminals in more than one borough, which are under immediate control of the main office:

Over Harlem River.....	9
Over Newtown Creek.....	5
Number of bridges in the Borough of Manhattan.....	2
" " " The Bronx.....	51
" " " Brooklyn.....	16
" " " Queens.....	9
" " " Richmond.....	2
The New York and Brooklyn Bridge.....	1
Whole number.....	104

*Bridges Building or About to be Built.*

Manhattan.....	1
Brooklyn.....	1
Bronx.....	11
Richmond.....	1
Over Harlem River.....	8
Whole number.....	16

Bridges in The City of New York were, prior to January 1, 1898, distributed as follows, viz:

<i>New York City.</i>	
Department of Public Works.....	4
" " Parks.....	7
" " Improvements.....	51
<i>Brooklyn.</i>	
Department of City Works.....	30
<i>Queens.</i>	
Board of Supervisors, Queens County.....	9
<i>Richmond.</i>	
Board of Supervisors, Richmond County, and Road Commissioners.....	7
Over Newtown Creek—	
Board of Supervisors, Queens County, and Board of Aldermen of the City of Brooklyn.....	5
New York and Brooklyn Bridge—	
Board of Trustees.....	1

The sum required for maintaining and repairing all of said bridges, including salaries and office expenses of the main and branch offices for the year 1898, is one million four hundred and forty-six thousand eight hundred and seventy-three dollars and fifty-six cents, and if bridges are rebuilt the sum of \$520,000 in addition thereto, distributed as follows:

Main office.....	\$775,681 88
For rebuilding Vernon Avenue Bridge over Newtown Creek.....	\$300,000 00
For rebuilding Blisville Bridge.....	150,000 00
If this appropriation is made, the sum of fifteen thousand dollars asked for repairs may be deducted from the main office item.	
Branch office, Brooklyn.....	94,000 00
For rebuilding three bridges over Gowanus Canal.....	\$5,000 00
	\$535,000 00
Branch office, Bronx.....	64,540 00
" " Queens.....	66,090 00
" " Richmond.....	9,800 00
New York and Brooklyn Bridge.....	991,761 68
Rents.....	11,000 00
Contingencies, in which is included the sum of \$6,000 for furnishing main office.....	24,000 00
For maintenance and repairs, rents and contingencies.....	\$1,446,873 50
For new bridges (as above).....	\$535,000 00
Less (for repairs).....	15,000 00
	520,000 00
	\$1,966,873 50



The Comptroller presented the following:

DEPARTMENT OF WATER SUPPLY—COMMISSIONER'S OFFICE,
No. 150 NASSAU STREET,
New York, January 29, 1898.

Hon. ROBERT A. VAN WYCK, Mayor, and Chairman, Board of Estimate and Apportionment:

DEAR SIR—In accordance with the resolution adopted by your Board on the 7th instant, I have the honor to submit herewith my estimate of the expenditures required for the public business of the Department of Water Supply for the year 1898, following as closely as practicable the skeleton budget prepared by the Comptroller.

BOROUGH OF MANHATTAN AND THE BRONX.

Salaries—Department of Water Supply.

Table listing salaries for the Borough of Manhattan, including Commissioner of Water Supply, Deputy Commissioner, Secretary, Clerks, Engineers, and various inspectors.

Table listing salaries for the Borough of The Bronx, including Deputy Commissioner, Secretary, and Inspector.

Of the above estimate, the sum of \$24,740 is already provided for in the appropriation made by the late Board of Estimate and Apportionment for "Salaries—Department of Public Works" for 1898...

Apportion—Repairs and Maintenance.

Table listing Apportion—Repairs and Maintenance with a total of \$205,832.00.

This amount was appropriated under the same title by the late Board of Estimate and Apportionment in the Final Estimate for 1898, and is required for the maintenance and repairs of all the reservoirs and structures connected with the water supply...

It shows an increase of \$28,572 over the appropriation for 1897. This increase is required on account of the increased taxes on the lands in Putnam and Westchester Counties...

Apportion, Repairs and Maintenance—Salaries.

Table listing salaries for Apportion, Repairs and Maintenance, including Assistant Engineers, Clerks, and Inspectors.

The above force was assigned to the Department of Water Supply from the Department of Public Works, under section 1536 of the City Charter, and is provided for in the appropriation of \$28,550 made by the late Board of Estimate and Apportionment for 1898...

Table listing additional salaries for Apportion, Repairs and Maintenance, including Assistant Engineer, Leveler, and additional Engineer.

It will therefore be necessary for your Board to appropriate the sum of \$4,550 in addition to the \$28,550 already appropriated in the Final Estimate for 1898.

Bronx River Works—Maintenance and Repairs.

Table listing Bronx River Works—Maintenance and Repairs with a total of \$11,025.00.

This appropriation is for the repairs and maintenance of all the structures, reservoirs and conduit lines included in the Bronx River Water System, to which the supply from the Byram river was added last year.

Bronx River Works—Maintenance and Repairs—Salaries.

Table listing salaries for Bronx River Works—Maintenance and Repairs, including Keepers and Assistant Engineer.

The two Keepers and the Assistant Engineer have been assigned to this Department from the Department of Public Works, under section 1526 of the City Charter, and their salaries are provided for in the appropriation of \$3,000 made under the above title by the late Board of Estimate and Apportionment in the Final Estimate for 1898.

Laying Croton Pipes.

Table listing Laying Croton Pipes with a total of \$230,120.00.

Section 356 of the New York City Consolidation Act has heretofore limited this appropriation, including salary account, which follows this, to \$250,000 per year.

Table showing Final Estimate for 1898 for Board of Estimate and Apportionment fixed, including Croton pipes and salary account.

Table showing Laying Croton Pipes—Salaries, including Assistant Engineer, Transition, Leveler, and various inspectors.

The entire force under this appropriation has been assigned to this Department from the Department of Public Works at the salaries above stated.

Repairs and Renewal of Pipes, Stop-cocks, etc.

Table listing Repairs and Renewal of Pipes, Stop-cocks, etc. with a total of \$241,442.00.

This appropriation is for the labor and material required in the maintenance and repairs of the entire distributing system for the Boroughs of Manhattan and The Bronx, which now includes 840 miles of water-mains; 8,653 stop-cocks and 11,068 fire-hydrants.

Your Board is requested to add the \$11,442.50 necessary to make up the full amount of the present estimate.

Salaries of Engineers, Clerks, Inspectors and Messengers.

Under this appropriation the following force was assigned to this Department from the Department of Public Works, in accordance with section 1536 of the City Charter:

Table listing salaries for Engineers, Clerks, Inspectors and Messengers, including Assistant Engineers, Clerks, Inspectors of Meters, and Messengers.

Table listing additional salaries for water meters and pipe repair gangs.

This appropriation is for the salaries of the officers, clerks and inspectors in charge of the entire system for distributing the water supply in the Boroughs of Manhattan and The Bronx...

Although, as above stated, the pay-roll of the force assigned to this Department from the Department of Public Works amounts to \$72,610, the late Board of Estimate and Apportionment in its Final Estimate reduced the appropriation to \$65,000.

Your Board is respectfully requested to add the sum of \$24,128 to bring the appropriation in the amount of the above estimate, \$77,335.

The appropriation of \$65,000 for this account has been found inadequate for several years past, and had to be supplemented each year by transfers from other appropriations, or by shifting men from that pay-roll to other pay-rolls.

Water Supply for the Twenty-fourth Ward.

Table listing Water Supply for the Twenty-fourth Ward with a total of \$10,400.00.

This amount has been appropriated in the Final Estimate for 1898, made by the late Board of Estimate and Apportionment, and is required to pay the City of Yonkers for the water supplied, under an existing contract, to houses in the Riverdale District...

Supplying Water to Shipping and for Building Purposes—Salaries.

Table listing Supplying Water to Shipping and for Building Purposes—Salaries with a total of \$7,000.00.

This amount has been appropriated by the late Board of Estimate and Apportionment in the Final Estimate for 1898, and includes the salaries of:

Table listing salaries for Supplying Water to Shipping and for Building Purposes, including Clerk and Inspectors.

Public Drinking Hydrants.

Table listing Public Drinking Hydrants with a total of \$2,000.00.

This amount has been appropriated by the late Board of Estimate and Apportionment in the Final Estimate for 1898, and is required to keep in proper repair the public drinking hydrants now in use in the Boroughs of Manhattan and The Bronx.

RECAPITULATION.

Salaries—Department of Water Supply.

Table listing Salaries—Department of Water Supply, including amount transferred and additional amount required.

BOROUGH OF MANHATTAN AND THE BRONX.

Apportion—Repairs and Maintenance.

Table listing Apportion—Repairs and Maintenance with a total of \$205,552.00.

Apportion—Repairs and Maintenance—Salaries.

Table listing Apportion—Repairs and Maintenance—Salaries, including amount appropriated and additional amount required.

Bronx River Works—Maintenance and Repairs.

Table listing Bronx River Works—Maintenance and Repairs, including amount appropriated and additional amount required.

Bronx River Works—Maintenance and Repairs—Salaries.

Table listing Bronx River Works—Maintenance and Repairs—Salaries, including amount appropriated and additional amount required.

Laying Croton Pipes.

Table listing Laying Croton Pipes, including amount appropriated and additional amount required.

Laying Cretan Pipes—Salaries.

Table with 2 columns: Description and Amount. Includes 'Appropriated in Final Estimate for 1898' and 'Additional amount required'.

Repairs and Renewal of Pipes, Stop-cocks, etc.

Table with 2 columns: Description and Amount. Includes 'Appropriated in Final Estimate for 1898' and 'Additional amount required'.

Salaries of Engineers, Clerks, Inspectors and Measurers.

Table with 2 columns: Description and Amount. Includes 'Appropriated in Final Estimate for 1898' and 'Additional amount required'.

Water Supply for the Twenty-fourth Ward.

Table with 2 columns: Description and Amount. Includes 'Appropriated in Final Estimate for 1898'.

Supplying Water to Shipping and for Building Purposes—Salaries.

Table with 2 columns: Description and Amount. Includes 'Appropriated in Final Estimate for 1898'.

Public Drinking Hydrants.

Table with 2 columns: Description and Amount. Includes 'Appropriated in Final Estimate for 1898'.

Summary table for the above sections with 'Total' amount of \$982,789 00.

BOROUGH OF BROOKLYN.

Deputy Commissioner's Office—Salaries.

Table listing salaries for Deputy Commissioner's Office staff, including Deputy Commissioner, Clerks, and Messengers.

Bureau of Chief Engineer—Salaries.

Table listing salaries for Bureau of Chief Engineer staff, including Chief Engineer, Assistant Engineers, and various inspectors.

Office of Distribution and Extension—Salaries.

Table listing salaries for Office of Distribution and Extension staff, including Assistant Engineer in Charge, Clerks, and Inspectors.

Office of Water Registrar—Salaries.

Table listing salaries for Office of Water Registrar staff, including Registrar, Cashier, and various Clerks.

Maintenance and Operation of Pumping Stations—Salaries of Steam Engineers, etc.

Table listing salaries for Maintenance and Operation of Pumping Stations staff, including Mechanical Engineers and various laborers.

Oil, Waste, Packing, Wood Fixtures, Repairs of Machinery and Buildings, and Incidentals.

Table listing expenses for Oil, Waste, Packing, Wood Fixtures, Repairs of Machinery and Buildings, and Incidentals.

Maintenance and Repairs of Distributing Pipes, Stop-cocks and Hydrants.

Table listing expenses for Maintenance and Repairs of Distributing Pipes, Stop-cocks and Hydrants.

Laying Water Pipes, Including Stop-cocks and Hydrants.

Table listing expenses for Laying Water Pipes, Including Stop-cocks and Hydrants.

Maintenance of Reservoirs, Ponds and Conduits.

Table listing expenses for Maintenance of Reservoirs, Ponds and Conduits.

Repairs to Buildings.

Table listing expenses for Repairs to Buildings.

Repairing, Cleaning and Redriving Wells.

Table listing expenses for Repairing, Cleaning and Redriving Wells.

Chief Engineer's Office—Telephone Service and Contingencies.

Table listing expenses for Chief Engineer's Office—Telephone Service and Contingencies.

Laboratory—Salaries and Supplies.

Table listing salaries and supplies for the Laboratory.

At this laboratory, which was completed last year, scientific and thorough analyses are made every day of the water from the many sources from which the Borough of Brooklyn obtains its supply.

These tests or analyses are considered to be of the utmost importance, in view of the diversity of sources and quality of water which are commingled in the conduits and distributing mains.

RECAPITULATION.

Summary table of all expenses, including Deputy Commissioner's office, Bureau of Chief Engineer, Office of Distribution and Extension, Office of Water Registrar, Maintenance and Repairs, Repairs to Buildings, Chief Engineer's Office, and Laboratory.

Total estimate—Borough of Brooklyn. \$1,202,480 00

The expenses of the water system of the Borough of Brooklyn have heretofore been paid from the moneys collected for water rents. The fiscal year for water rents is from May 1 to April 30.

The total amount of the budget for the year ending April 30, 1898, is \$1,105,441. The above estimate for the calendar year 1898 shows an increase of \$97,039 over the last budget.

On January 1, 1898, the unexpended balance of the last budget amounted to \$215,216.69. The estimate of \$19,500 for salaries in the Deputy Commissioner's office is an entirely new item, as what was formerly only a division in the Department of City Works of Brooklyn now becomes practically a separate department, requiring a complete separate office organization.

BOROUGH OF QUEENS.

Deputy Commissioner's Office and Staff—Salaries.

Table listing salaries for Deputy Commissioner's Office and Staff in the Borough of Queens.

Maintenance and Repairs of Sewerage System		
1 Engines of Horse	\$1,000 00	
12 Engines, at \$500 each	6,000 00	
5 Engines, at \$200 each	1,000 00	
10 Engines, at \$750 each	7,500 00	
		\$15,500 00

Fuel		
Oil, water, packing, materials for repairs	\$12,000 00	
Fuel	12,000 00	
Lighting painting outfit	750 00	
		\$24,750 00

Maintenance and Repairs of Water Works		
2 General Foremen, at \$2,500 each	\$5,000 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$15,250 00

Telephone rentals		
		\$1,350 00

Total amount \$41,750 00

These are the amounts estimated to be required for the operation of the City of New York Water Works and Sewerage Department for the year 1898.

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

Total amount \$14,100 00

Maintenance and Repairs of Water Works		
1 General Foreman, at \$2,500 each	\$2,500 00	
1 Stationer and Keeper of Yard	750 00	
Labourer material	9,500 00	
		\$12,750 00

Telephone rentals		
		\$1,350 00

The expenses, therefore, of maintenance and distribution as above defined can be provided for out of the special or trust fund created out of the water rates collected in the Borough of Brooklyn, but the expenses of the collection of water rates, office expenses, etc., must be provided for by the Board of Estimate and Apportionment in the tax levy.

I am not aware that my answer to this question imposes upon the citizens in the tax levy a somewhat serious burden, but I have given to the matter very mature consideration and I can return to this question no other answer.

It is true that the practice in Brooklyn has heretofore been otherwise, namely, of providing for the expense of the clerical force and the expense of collection of water rates out of the proceeds of the water-rents received.

This practice has obtained for many years, but I can find for it no warrant of law, and it certainly appears that the result has been to divert from the Sinking Fund, mentioned in section 13, a large amount of money which should have gone into it.

In reply to your second question, in relation to the disposition of the water rates collected in the Borough of Brooklyn, I have to say that the answer to the first question practically covers the second, and that the water rates collected in the Borough of Brooklyn, except the amounts payable for maintenance and distribution, as above defined, should be paid into the Sinking Fund referred to in section 5, title XV, of the Brooklyn Consolidation Act.

The provisions of section 13, as amended by chapter 453 of the Laws of 1893 of the Brooklyn Consolidation Act referred to in your second question, are apparently those heretofore quoted:

"The net surplus income from the public water works of the city, after paying the interest on all outstanding bonds issued for the construction and extension of said works, and after discharging any other claims by law chargeable against the water revenue, shall be paid over to the commissioners of the sinking fund at the end of each year, and such surplus, together with the interest thereon, shall be appropriated solely for and toward the payment and redemption of the water bonds of said city. . . . If such surplus income, after paying the charges for maintenance and distribution and interest as aforesaid shall in any one year before the year nineteen hundred amount to the sum of five hundred thousand dollars, the sinking fund's commissioners also shall may, in their discretion, apply any proportionate part of said surplus, not exceeding one-half thereof, to the reduction of the amount which must be inserted in the annual estimate, and raised by taxation to meet the interest of any of the bonds or obligations of the city of Brooklyn."

It is evident to me that these provisions of the section, as they distinctly point out the course to be followed in regard to the surplus income from the public water works of Brooklyn.

I would, however, remind you that the possible surplus applicable under this section is only to be used "to meet the interest of any bonds or obligations of the city of Brooklyn."

If, in the course of time, all of the now existing bonds of the City of Brooklyn should be paid, and no further taxation would be presented, but it is far remote in point of time to be worthy of my attention.

As to your last question, which has reference to the method of investment of net surplus accruing under the various provisions heretofore mentioned in the special sinking fund therein provided for, while I am not prepared to say that an investment of the water fund proceeds in bonds of the present City of New York which is the successor of the former City of Brooklyn, might not be legal, yet I think it more advisable for the present, and in the absence of legislation which should be enacted, to invest the surplus accruing from the water rates in the bonds specified in section 16 of title XV, of the Brooklyn Consolidation Act and which are those mentioned in the latter part of your communication.

I have again touching this subject that I think there would be no doubt of the validity of legislation which would provide a uniform system of investment of the funds of the various sinking funds of the present city, and authorizing such changes of the character of the investments as are more necessary by the new conditions arising from the consolidation of the various municipal and public corporations into the new city.

Yours,  
JOHN WATKINS, Corporation Counsel.

And ordered the following:  
Resolved, That pursuant to the provisions of section 16 of the greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, be and the same are hereby, in part, appropriated and apportioned as follows:

FOR THE PAYMENT OF WATER RENTS.		
Amount Estimated Administration		\$17,000 00
BOROUGH OF MANHATTAN AND THE BRONX.		
Salaries—		
Office of Deputy Commissioner, Chief Clerk and Employees	\$12,540 00	
Keyposts, Clerks, Inspectors and Messengers	7,500 00	
Aqueducts—Repairs and Maintenance	3,000 00	
Lower River Water Maintenance and Repairs	3,000 00	
Laying Out on Plans	15,750 00	
Supplying Water to Shipping and Building Purposes	7,000 00	
		\$71,690 00
Accounts—Repairs and Maintenance	\$205,550 00	
Lower River Works—Maintenance and Repairs	21,025 00	
Laying Out on Plans	220,850 00	
Repairs and Extension of Pipes, Stop-valves, etc.	230,000 00	
Water for Laundry and Work	10,400 00	
Private Drinking Hydrants	2,000 00	
		\$708,507 00
BOROUGH OF BROOKLYN.		
Salaries—		
Office of Deputy Commissioner	\$11,500 00	
Keyposts and Clerks	12,000 00	
Chief Water Revenue	59,540 00	
Employees	5,790 00	
		\$90,830 00
Contingencies—		
Office of Deputy Commissioner	\$1,000 00	
Office of Chief Engineer	2,000 00	
Office of Laboratory	2,075 00	
		\$5,075 00
BOROUGH OF QUEENS.		
Salaries—		
Office of Deputy Commissioner	\$12,600 00	
Printing Station	20,400 00	
		\$33,000 00
Printing Station—Fuel and Supplies	\$25,750 00	
Maintenance and Repair of Water Pipes, etc.	8,520 00	
Telephone Service	1,350 00	
		\$68,620 00
Supplying Water to Long Island City		\$0,000 00
BOROUGH OF RICHMOND.		
Salaries—Office of Deputy Commissioners including salary of Deputy		
Commissioner at one-third of \$5,000	\$3,966 67	
Pumping Stations—Salaries and Supplies	3,500 00	
Contingencies	250 00	
		\$8,716 67
Total		\$1,187,398 67

Which was adopted by the following vote:  
Affirmative—The Mayor, Comptroller, Corporation Counsel, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller made an oral report upon the estimate of the Department of Street Cleaning for an additional amount, and offered the following:  
Resolved, That pursuant to the provisions of section 16 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, be and the same are hereby, in part, appropriated and apportioned as follows:

DEPARTMENT OF STREET CLEANING.		
BOROUGH OF MANHATTAN AND THE BRONX.		
For sweeping		\$34,000 00
For carting		52,888 89
For fuel disposal		15,111 11
Total		\$102,000 00

—said appropriation being in addition to the amount appropriated for said purposes by the Board of Estimate and Apportionment on January 12, 1898.

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, Corporation Council, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller made an oral report upon the estimate of the Department of Street Cleaning for the Borough of Brooklyn, and offered the following:

Resolved, That, pursuant to the provisions of section 10 of the Greater New York Charter, the funds received and to be received by the Chamberlain, as in that section provided, in and the same are hereby, in part, appropriated and apportioned as follows:

Table with 2 columns: Description of expenses and Amount. Includes 'DEPARTMENT OF STREET CLEANING, BOROUGH OF BROOKLYN' and items like 'For administration', 'For expenses of feeding, etc.', 'For three Hoollers', 'For contingencies', 'For cleaning streets and removing refuse', 'For removal of garbage'. Total: \$50,000.00.

BOROUGH OF RICHMOND: For all purposes, \$15,000.00

BOROUGH OF QUEENS: For all purposes, including one-third salary of Deputy Commissioner, at \$4,000, \$25,000.00

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, Corporation Council, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller made an oral report upon the estimate of the Municipal Assembly and City Clerk for an additional amount. And offered the following:

Resolved, That, for the purpose of enabling the City Clerk to appoint a Clerk in each of the Boroughs of The Bronx, Queens and Richmond, at an annual salary of one thousand five hundred dollars each, the funds received and to be received by the Chamberlain, as provided in section 10 of the Greater New York Charter, be and the same are hereby, in part, appropriated and apportioned as follows:

Table with 2 columns: Description and Amount. 'THE MUNICIPAL ASSEMBLY AND CITY CLERK: Salaries—Salaries of Officers, Clerks and Employees of the Municipal Assembly and in the office of the City Clerk, \$4,000.00'

—said appropriation being in addition to the amount appropriated for said purposes by the Board of Estimate and Apportionment on January 12, 1898.

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, Corporation Council, President of the Council and President of the Department of Taxes and Assessments—5.

The Comptroller offered the following:

Resolved, That, in pursuance of chapter 475 of the Laws of 1897 and chapter 87 of the Laws of 1898, the Commissioner of Highways is hereby authorized to employ during the year 1898, in the work of making surveys and measurements, giving lines and grades, and supervising the work of repairing streets and avenues designated by the Board of Estimate and Apportionment last year for repavement under the provisions of said acts: Assistant Engineers, three Translators, two Levelers, two Rodmen, two Draughtsmen, six Inspectors and three Assemen, at salaries to be paid from the proceeds of stock or bonds to be issued under the provisions of said acts, not exceeding the sums designated as follows:

Table with 2 columns: Position and Salary. 'Assistant Engineers, \$2,000.00; Three Translators, at \$1,450 per annum each, 4,350.00; Two Levelers, at \$1,200 each, 2,400.00; Two Rodmen, one at \$1,000 and one at \$1,000 per annum, 2,000.00; Two Draughtsmen, one at \$1,200 and one at \$1,200 per annum, 2,400.00; Six Inspectors, five at \$2.50 per day each and one at \$2 per day, 8,450.00; Three Assemen, at \$0.50 per day each, 1,647.50. Total: \$24,647.50'

—together with the amount required for necessary inspectors and expenses of transportation, and that the Comptroller be authorized to employ an Engineer at \$2,500 per annum, and to pay necessary disbursements and expenses of transportation therefrom.

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, Corporation Council, President of the Council and President of the Department of Taxes and Assessments—5.

The following communication was received:

LIEUTENANT GOVERNOR OF THE CITY OF NEW YORK, OFFICE OF THE CORPORATION COUNSEL, BOROUGH OF MANHATTAN, February 3, 1898.

To the Board of Estimate and Apportionment: GENTLEMEN—I have examined the estimate presented by the Fire Commissioner for the allowance to be made by this Board for the use of the Volunteer Fire Departments in the Borough of Queens.

The opening sentence of section 722 of the Greater New York Charter provides for the consolidation into one force of the Volunteer Firemen in the former corporations of the City of New York, the City of Brooklyn and Long Island City; then follow these provisions, which are pertinent to the matter in hand:

"The paid fire department systems shall, as soon as practicable, be extended over the boroughs of Queens and Richmond by the fire commissioner, and thereupon the present volunteer fire departments now maintained therein shall be disbanded. Any real property, likewise any apparatus, equipment, or other personal property owned or used by said volunteer fire departments which may be deemed useful or necessary for the use of the fire department, shall upon the expiration of the paid system to the boroughs of Queens and Richmond, respectively, be purchased by the fire commissioner at the reasonable value thereof. In the meantime, until said paid fire department shall be extended over said territory as herein provided, said volunteer fire companies shall continue to discharge the duties for which they have been associated or incorporated, and companies shall receive from the city such sums as are now awarded to them by the villages or towns in which they are respectively located."

The Fire Commissioner, in presenting these estimates, classifies the various volunteer departments into those which have and those which have not in the past received appropriations from the public funds of the respective localities in which they exist.

The intent of the language of section 722, which I have quoted, is to continue the volunteer fire systems until the regular paid department organized in other parts of the city is extended over these localities. The extent to which the City is to meet the expenses of their volunteer organizations is provided for in that portion of section 722 which declares that these "companies shall receive from the city such sums as are now awarded to them in the villages or towns in which they are respectively located."

Appropriations are not, therefore, necessary for organizations that have not, prior to the present year, been maintained or assisted through allowances from the town or village authorities in the respective localities in which they exist.

Referring to the estimate submitted for organizations which, prior to January 1, 1897, received allowances from towns or villages, I wish to call attention to the estimate for 1898, presented by the organizations of College Point. The sum asked for is \$6,598; that allowed for the previous year is \$650.

It appears from the papers submitted that on the 27th day of December, 1897, the Board of Village Trustees adopted a resolution to compensate the members of this department at the rate of six dollars per month. As there are eighty-four members, this resolution would involve an expenditure of \$6,048.

In view of the language quoted from section 722, I am of the opinion that the Board should not make allowances for any such sum as this to be expended in salaries.

Respectfully, JOHN WHALEN, Corporation Counsel.

Which was ordered to be entered upon the minutes.

The Corporation Counsel moved that this Board do now adjourn to meet on Tuesday, February 5, 1898, at 11 o'clock A. M.

THOS. L. FEITNER, Secretary.

BOARD OF PUBLIC IMPROVEMENTS.

The Board of Public Improvements of the City of New York met in the office of the Board, No. 120 Broadway, on April 6, 1898, at 2 o'clock P. M., pursuant to notice.

The roll was called, and the following members were present and answered to their names: The Commissioner of Water Supply, the Commissioners of Highways, the Commissioner of Street Cleaning, the Commissioner of Sewers, the Commissioner of Public Buildings, Lighting and Signage, the Commissioners of Highways, the President of the Borough of The Bronx, the President of the Borough of Brooklyn, the President of the Borough of Queens and the President of the Board.

The minutes of the meeting of March 30, 1898, were read and approved.

The following report was read by the Secretary in relation to opening East One Hundred and Thirty-third street:

To the Board of Public Improvements of the City of New York: Sir—I have to report that on the 24th day of March, 1898, I caused to be delivered to the Superintendent of the City Record, for publication in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 6th day of April, 1898, a copy of certain resolutions adopted by the Board of Public Improvements on the 24th day of March, 1898, proposing to alter the map or plan of The City of New York by laying out and extending East One Hundred and Thirty-third street, from Sherman avenue to Sherman avenue, in the Borough of The Bronx, City of New York, and for a meeting of the said Board to be held in the office of the said Board, at No. 120 Broadway, on the 6th day of April, 1898, at 2 o'clock P. M. of that day, at which such proposed laying out and extending would be considered by the said Board, and for a notice to all persons affected thereby, of the proposed time and place at which such proposed laying out and extending would be considered by the said Board, and for a notice to all persons affected thereby, of the proposed time and place at which such proposed laying out and extending would be considered, to be published in the City Record for ten days continuously, exclusive of Sundays and legal holidays, prior to the 6th day of April, 1898, as will more fully appear by the affidavit of the Secretary of the City Record, which is herewith submitted.

And I do further report that said resolutions and said notice, a copy of which is herewith annexed, have been published in the City Record, as required by law, for ten days continuously, Sundays and legal holidays excepted, prior to the 6th day of April, 1898, as will more fully appear by the affidavit of the Secretary of the City Record, which is herewith submitted.

Dated New York, April 6, 1898.

JOHN H. MOONEY, Secretary.

Mr. W. B. Bacon appeared for the City, Municipal and Improvement Company, relative to extending the street, from Lewis avenue to the sidewalk line, the name of the original survey of the petition for opening the Hudson Canal Ferry land, north from Cypress avenue to the Southern Boulevard, appearing for the same on the whole matter was presented, and the said Board, and the Secretary directed to notify said of the original petition to be present.

The following report was read by the Secretary in the matter of opening East One Hundred and Sixty-second street:

To the Board of Public Improvements of the City of New York: Sir—I have to report that on the 24th day of March, 1898, I caused to be delivered to the Superintendent of the City Record for publication in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 6th day of April, 1898, a copy of certain resolutions adopted by the Board of Public Improvements on the 24th day of March, 1898, proposing to alter the map or plan of The City of New York by laying out and extending East One Hundred and Sixty-second street, from Sherman avenue to Sherman avenue, in the Borough of The Bronx, City of New York, and for a meeting of the said Board to be held in the office of the said Board, at No. 120 Broadway, on the 6th day of April, 1898, at 2 o'clock P. M. of that day, at which such proposed laying out and extending would be considered by the said Board, and for a notice to all persons affected thereby, of the proposed time and place at which such proposed laying out and extending would be considered, to be published in the City Record for ten days continuously, exclusive of Sundays and legal holidays, prior to the 6th day of April, 1898, as will more fully appear by the affidavit of the Secretary of the City Record, which is herewith submitted.

And I do further report that said resolutions and said notice, a copy of which is herewith annexed, have been published in the City Record, as required by law, for ten days continuously, Sundays and legal holidays excepted, prior to the 6th day of April, 1898, as will more fully appear by the affidavit of the Secretary of the City Record, which is herewith submitted.

Dated New York, April 6, 1898.

JOHN H. MOONEY, Secretary.

Mr. Henry transition appeared on behalf of the petitioners, and, on our appearing in opposition, the following resolution was adopted:

Whereas it appears from the report of the Secretary to this Board that he has caused the resolutions adopted by this Board on the 24th day of March, 1898, proposing to alter the map or plan of the City of New York by laying out and extending East One Hundred and Sixty-second street, from Sherman avenue to Sherman avenue, in the Borough of The Bronx, City of New York, and for a meeting of this Board to be held in the office of the said Board, at No. 120 Broadway, on the 6th day of April, 1898, at 2 o'clock P. M. of that day, at which such proposed laying out and extending would be considered by the said Board, and for a notice to all persons affected thereby, of the proposed time and place at which such proposed laying out and extending would be considered, to be published in the City Record for ten days continuously, exclusive of Sundays and legal holidays, prior to the 6th day of April, 1898, and

Whereas the proposed time and place at which such proposed laying out and extending would be considered by the said Board, and for a notice to all persons affected thereby, of the proposed time and place at which such proposed laying out and extending would be considered, to be published in the City Record for ten days continuously, exclusive of Sundays and legal holidays, prior to the 6th day of April, 1898, and

Whereas the proposed time and place at which such proposed laying out and extending would be considered by the said Board, and for a notice to all persons affected thereby, of the proposed time and place at which such proposed laying out and extending would be considered, to be published in the City Record for ten days continuously, exclusive of Sundays and legal holidays, prior to the 6th day of April, 1898, and

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378 of the Laws of 1897, do hereby lay out and extend East One Hundred and Sixty-second street, from Sherman avenue to Sherman avenue, in the Borough of The Bronx, City of New York, and hereby lay out and extend the sidewalk street as follows:

Beginning at a point in the eastern line of Sherman avenue distant 128.04 feet northward from the intersection of said line with the southern line of East One Hundred and Sixty-third street; thence northward along the eastern line of Sherman avenue for 31.42 feet;

thence easterly along the eastern line of Sherman avenue for 31.42 feet; thence easterly following 77 degrees 40 minutes 10 seconds to the right for 204.72 feet to the western line of Sherman avenue;

thence westerly along said line for 61.42 feet;

thence westerly for 204.72 feet to the point of beginning, and street to be 60 feet wide.

Resolved, That the foregoing resolution, providing for the above named proposed change in the map or plan of the City of New York by laying out and extending the above named street, adopted by the Board together with a statement of its reasons thereon, is transmitted to the Municipal Assembly for its action thereon.

Affirmative—Commissioners of Water Supply, Highways, Street Cleaning, Sewers, Public Buildings, Bridges, President of the Borough of The Bronx and President of the Board.

Negative—None.

The following communication from the Chief Topographical Engineer was read:

CITY OF NEW YORK, BOARD OF BOARD OF PUBLIC IMPROVEMENTS, TOPOGRAPHICAL BUREAU, BOROUGH OF THE BRONX, OFFICE OF CHIEF TOPOGRAPHICAL ENGINEER AND ENGINEER OF CONCURRENCE, ONE HUNDRED AND SEVENTY-SEVENTH STREET AND THIRD AVENUE, April 9, 1898.

Cy. JOHN H. MOONEY, Secretary, Board of Public Improvements: Sir—In reply to the communication from the Property Owners' Association of Fox estate and vicinity, on which a public hearing was given by the Local Board of Twenty-first District on March 17, 1898, respecting the opening of Lyman place, from East One Hundred and Sixty-ninth street to Stedulis avenue and Freeman street, I have to advise that the streets in the neighborhood of the said Lyman place are legally opened, regulated and graded and generally improved. The greater part of Lyman place is shown on the map of the Fox estate, on which streets are delineated, and only a small parcel of land within the line of Lyman place remains to be acquired.

I recommend, therefore, that a resolution be prepared for submission to the Board at its next meeting for the opening of said Lyman place, from East One Hundred and Sixty-ninth street to Stedulis avenue and Freeman street, in accordance with section 436 of chapter 378 of the Laws of 1897, and recommend the adoption of the resolution.





Potter place vested in the City July 1, 1897, and also that portion of the said Potter place which forms the transverse road across the Grand Boulevard and Concourse on August 28, 1897, and the plan for the sewerage system is filed.

The grades as established on Potter place are such that the sewer cannot be constructed unless the contract for regulating and grading the street be given out also. The present elevation of Potter place is lower than the filed grade, and the sewer, if built to its proper grade, would project above the present surface.

I have, however, to call your attention to the fact that the Chief Engineer of the New Aqueduct requested the permission of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards in 1897 to construct a sewer of four feet diameter from Jerome avenue, through Potter place, at their own expense and connect the same with the existing sewer in Mosholu Parkway, South. This existing sewer has a diameter of only four feet, and another sewer of three and five-tenths feet diameter connects from the west at the same point. That this is inadmissible is evident, except under the condition that the Aqueduct Department or Department of Water Supply restrict the use of the sewer to such time when there is no rainfall. If this cannot be assured, then a separate sewer must be built for the Jerome Park Reservoir Gate-house, I recommend that the Department of Water Supply be requested to send an application to the Board of Public Improvements for a change of the filed sewerage plan in Potter place, and for permission to construct a sewer at their expense and to use the sewer under certain restrictions.

Respectfully,

LOUIS A. RISSE,

Chief Topographical Engineer and Engineer of Concourse.

And the following resolution was thereupon unanimously adopted:

Resolved, That the Aqueduct Commissioners shall make a formal application to this Board for permission to build said sewer and for change of necessary grades.

The following communication from the Commissioner of Public Buildings, Lighting and Supplies was read and copy ordered to be sent to the Local Board of the Nineteenth District:

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, }  
NEW YORK, April 1, 1898. }

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements, No. 346 Broadway, City.

DEAR SIR—In relation to a resolution of the Board of Local Improvements of the Nineteenth District, in reference to lighting Amsterdam avenue, Grand Boulevard, Eleventh avenue, Kingsbridge road and St. Nicholas avenue with electric lights, referred to this Department for investigation and report:

The estimate for lighting, both with gas and electricity, is made up in the fall for the following year, and proposals are advertised for and bids received usually in the month of December.

The above-named streets were not included in the estimate made in December last, for the year 1898, so no provision was made by the Board of Estimate for lighting the same with electricity.

It is impossible to have these lights at the present time, there being no available money for the same.

Yours very truly,

HENRY S. KEARNY, Commissioner.

The following communication from the Commissioner of Sewers was read and referred back to said Commissioner for a report as to the estimated cost:

DEPARTMENT OF SEWERS—BOROUGH OF MANHATTAN, }  
Nos. 265 AND 267 BROADWAY, }  
NEW YORK, April 5, 1898. }

Honorable Board of Public Improvements:

GENTLEMEN—At a meeting of this Board held on March 23, 1898, a petition of Marcus Nathan and Max Marx, and a resolution by Louis F. Haffen, President of the Borough of The Bronx, to have sewers constructed in Fulton avenue, between One Hundred and Seventy-third and One Hundred and Seventy-fourth streets, and One Hundred and Seventy-fourth street sewer, regulated, graded, curbed, flagged and paved.

The matter was referred to the Department of Sewers.

On March 23, 1898, the subject was referred to the Department of Sewers, Borough of The Bronx, for examination and report.

I herewith transmit copy of said report.

DEPARTMENT OF SEWERS—BOROUGH OF BRONX, }  
THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET, }  
NEW YORK, March 30, 1898. }

Hon. JAMES KANE, Commissioner of Sewers, City of New York:

DEAR SIR—In the matter of constructing a sewer in Fulton avenue, between One Hundred and Seventy-third and One Hundred and Seventy-fourth streets, and a sewer in One Hundred and Seventy-fourth street, between Third and Fulton avenues, would say that there are no objections to the sewers being built, and I have ordered the Chief Engineer to prepare a survey, plans and specifications for submission to the Board of Public Improvements.

Respectfully,

THOS. J. BYRNE,

Deputy Commissioner of Sewers, Borough of The Bronx, }  
Respectfully submitted, }  
JAS. KANE, Commissioner of Sewers. }

The following communications from the President of the Borough of The Bronx were read and referred to the Commissioner of Highways:

CITY OF NEW YORK, }  
OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, }  
MUNICIPAL BUILDING, CROTONA PARK, }  
BOROUGH OF THE BRONX, April 4, 1898. }

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—In accordance with section 384, chapter 378, Laws of 1897, I hereby certify that the following resolution was adopted by the Local Board, Twenty-first District, at its meeting on March 31 last, viz:

Resolved, That on petition submitted of J. C. Julius Langhein and others, and hearing given thereon, this the 31st day of March, 1898, the Local Board, Twenty-first District, Borough of The Bronx, hereby recommends to the Board of Public Improvements and the Municipal Assembly, that St. Paul's place, from Fulton avenue to Webster avenue be regulated and graded, curbstones set and sidewalks flagged a space four feet wide through the centre thereof, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements and the Municipal Assembly.

Respectfully,

LOUIS F. HAFEN, President.

CITY OF NEW YORK, }  
OFFICE OF PRESIDENT OF THE BOROUGH OF THE BRONX, }  
MUNICIPAL BUILDING, CROTONA PARK, }  
BOROUGH OF THE BRONX, April 4, 1898. }

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—In accordance with section 384, chapter 378, Laws of 1897, I hereby certify that the following resolution was adopted by the Local Board, Twenty-first District, at its meeting on March 31 last, viz:

Resolved, That on petition submitted of Henry D. Tiffany and others, and hearing given thereon this the 31st day of March, 1898, the Local Board, Twenty-first District, Borough of The Bronx, hereby recommends to the Board of Public Improvements and the Municipal Assembly, that the roadway of East One Hundred and Sixty-seventh street, from Prospect avenue to Westchester avenue, be paved with granite-block pavement and crosswalks be laid where necessary, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements and the Municipal Assembly.

Respectfully,

LOUIS F. HAFEN, President.

The following communication from the Chief Topographical Engineer was read and referred to the Commissioner of Sewers:

CITY OF NEW YORK, }  
PRESIDENT OF BOARD OF PUBLIC IMPROVEMENTS, }  
TOPOGRAPHICAL BUREAU, BOROUGH OF THE BRONX, }  
OFFICE OF CHIEF TOPOGRAPHICAL ENGINEER AND ENGINEER OF CONCOURSE, }  
ONE HUNDRED AND SEVENTY-SEVENTH STREET AND THIRD AVENUE, }  
APRIL 4, 1898. }

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—In reply to the resolution passed by the Local Board of the Twenty-second District, Borough of The Bronx, recommending that the Board of Public Improvements provide sewer facilities for the former Villages of Westchester, Unionport, Park Versailles and Van Nest, and which was referred to me for report, I have to state as follows:

The matter of providing sewer facilities for that portion of The Borough of The Bronx east of the Bronx river has been under consideration by the Topographical Bureau for some time, a design or tentative plan for the new system of streets in that territory is in progress, and an informal approval of this plan is absolutely necessary before the plan for permanent sewers can be made.

Temporary relief may, however, be had under the provisions of section 539 of chapter 378 of the Laws of 1897, which gives the Commissioner of Sewers power to construct temporary sewers as follows:

"Whenever it shall become necessary to construct a sewer or drain for the purpose of preventing damage to property or to abate a nuisance, and it shall become impracticable to proceed immediately to the construction of the same in accordance with any plan already adopted, pursuant to title two of this chapter, on the approval of the board of public improvements, the said commissioner shall have power to construct a temporary sewer or drain in such manner as to avoid such damage or to abate such nuisance, and the cost of such temporary sewer or drain shall be assessed upon the property draining into the same and benefited thereby. And such assessments shall be enforced, levied and collected in the manner provided in chapter 17 of this act."

From the above section it would appear that temporary sewers could be constructed, but the cost of the work would have to be assessed on the adjoining property, and I do not think that the owners of the property in those sections would care to be assessed for temporary makeshifts when it is known that a second and third assessment would have to be levied when permanent sewers under the general and adopted plan are constructed for trunk and lateral sewers. Besides, the temporary sewers would have to be discharged in Westchester Creek, which is affected by the tide, and this may prove in the end to be a greater nuisance to that territory than the inconvenience of using cesspools as at the present time.

I see, therefore, no chance of relief until the street plan is completed and adopted, and such avenues and streets legally opened as are required for the location of the trunk sewers, unless the property-owners desire to avail themselves of the provisions of section 539 above quoted, and in that case, I would recommend that the matter be referred to the Commissioner of Sewers, under whose jurisdiction the work would have to be done.

Respectfully,

LOUIS A. RISSE,

Chief Topographical Engineer and Engineer of Concourse.

The following communication from the Board of Aldermen was received and referred to the Commissioner of Public Buildings, Lighting and Supplies:

IN BOARD OF ALDERMEN, MARCH 29, 1898.

No. 131,  
March 15, 1898.  
No. 131.—(C. O. 16.)

The Committee on Public Buildings, Lighting and Supplies, to whom was referred the annexed resolution in favor of an additional lamp-post and lamp in front of St. Valentine's Church, Seventh street, 150 feet east of Fourth street, Williamsbridge, respectfully

REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary, and recommend that this approval be certified to the President of the Board of Public Improvements.

They therefore recommend that the said resolution be adopted.

Resolved, That one additional lamp-post be erected and street lamp placed thereon, lighted and maintained in front of the church edifice of St. Valentine, on Seventh street, about one hundred and fifty feet east of Fourth street, Williamsbridge, New York City, Borough of The Bronx.

WILLIAM H. GLEDHILL, }  
EDWARD McNEANEY, } Committee on  
JOSEPH GEISER, } Public Buildings,  
FRANCIS J. BYRNE, } Lighting and  
ELLAS GOODMAN, } Supplies.

Referred to President, Borough of The Bronx.

This is to certify that the above was recommended by Board of Local Improvement of the Twenty-second District, at a regular meeting held on March 24, 1898.

LOUIS F. HAFEN, President.

The following communications from the Board of Aldermen were read and referred to the Commissioner of Water Supply:

IN BOARD OF ALDERMEN, MARCH 29, 1898.

No. 89,  
March 15, 1898.  
No. 89.

The Committee on Water Supply, to whom was referred the annexed resolution providing for an improved iron drinking-fountain to be placed on the northwest corner of the Southern Boulevard and Webster avenue, Borough of The Bronx, respectfully

REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary, and recommend that the following resolution be adopted:

Resolved, That the above-mentioned resolution be and the same is hereby referred to the President of the Borough of The Bronx, to be presented to the Local Board of Improvements for adoption.

Resolved, That an improved iron drinking-fountain be placed on the northwest corner of the Southern Boulevard and Webster avenue, Borough of The Bronx, on the Southern Boulevard side, under the direction of the Commissioner of Water Supply.

JEREMIAH KENNEFICK, }  
JAMES F. ELLIOTT, } Committee on  
JOHN J. VAUGHAN, JR., } Water Supply.  
BERNARD SCHMITT, }

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative.

This is to certify that the above was recommended by Board of Local Improvements of the Twenty-first District, at a regular meeting held on March 24, 1898.

LOUIS F. HAFEN, President.

No. 400,  
March 15, 1898.  
No. 400.

By Alderman McGrath—

AN ORDINANCE to provide for an iron drinking-fountain on the southeast corner of One Hundred and Forty-ninth street and Robbins avenue, in the Borough of The Bronx.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

Section 1. That an improved iron drinking-fountain be placed on the sidewalk, near the curb, on the southeast corner of One Hundred and Forty-ninth street and Robbins avenue, in the Borough of The Bronx, under the direction of the Commissioner of Water Supply.

Sec. 2. All ordinances or parts of ordinances inconsistent or conflicting with the provisions of this ordinance are hereby repealed.

Sec. 3. This ordinance shall take effect immediately.

Which was referred to the President of the Borough of The Bronx to be submitted to the Local Board of Improvements of the district affected.

This is to certify that the above was recommended by Board of Local Improvements of the Twenty-first District, at a regular meeting held on March 24, 1898.

LOUIS F. HAFEN, President.

Which were severally referred to the Board of Public Improvements.

At this point the Vice-President took the chair.

The Vice-President laid before the Board the following communication from the office of the President of the Borough of Manhattan:

No. 222,  
March 15, 1898.  
No. 222.

The Committee on Water Supply, to whom was referred the annexed ordinance, entitled "An ordinance to place improved iron drinking-fountain on the southwest corner of the Southern Boulevard and Willis avenue, in the Borough of The Bronx," respectfully

REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary, and recommend that the following resolution be adopted:

Resolved, That the above-mentioned ordinance be and the same is hereby referred to the President of the Borough of The Bronx, to be presented to the Local Board of Improvements for adoption.

AN ORDINANCE to place improved iron drinking-fountain on the southwest corner of the Southern Boulevard and Willis avenue, in the Borough of The Bronx.

Be it ordained by the Municipal Assembly of The City of New York, as follows:

Section 1. That an improved iron drinking-fountain be placed on the southwest corner of the Southern Boulevard and Willis avenue, on the Willis avenue side of said corner, under the direction of the Commissioner of Water Supply.

Sec. 2. All ordinances or parts of ordinances inconsistent or conflicting with this ordinance are hereby repealed.

Sec. 3. This ordinance shall take effect immediately.

JEREMIAH KENNEFICK, }  
JAMES F. ELLIOTT, } Committee on  
JOHN J. VAUGHAN, JR., } Water Supply.  
BERNARD SCHMITT, }

The President put the question whether the Board would agree to accept said report and adopt said resolution.

Which was decided in the affirmative.

This is to certify that the above was recommended by Board of Local Improvements of the Twenty-first District, at a regular meeting held on March 25, 1898.

LOUIS F. HOFFEN, President.

The following communication from the Commissioner of Water Supply was read:

DEPARTMENT OF WATER SUPPLY—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, March 31, 1898.

Hon. MAURICE F. HOLADAN, President, Board of Public Improvements:

DEAR SIR—The Chief Engineer of this Department reports that water-mains are required to be laid in the following streets:

In Gouverneur Slip, between Front and Water streets; distance, 200 feet; estimated cost, \$300. This is rendered necessary in consequence of the erection of the new hospital building in Gouverneur Slip by which eight houses are cut off from connection with water-mains.

In One Hundred and Fifteenth street, between Amsterdam avenue and Morningside avenue, West; distance, 500 feet; estimated cost, \$300.

In St. Nicholas terrace, between One Hundred and Twenty-seventh street and Convent avenue; distance, 3,200 feet; estimated cost, \$3,600.

The Commissioner of Highways has given notice that ordinances have been passed to pave these two streets, and it is necessary and proper that the paving be proceeded by the laying of the water-mains.

I respectfully ask that your Board, in pursuance of sections 413 and 416 of the City Charter, pass a resolution approving and authorizing the laying of these water-mains, and also prepare and recommend to the Municipal Assembly a resolution or ordinance authorizing the same.

Very respectfully,

WM. DALTON, Commissioner of Water Supply.

And hereupon the following resolution was adopted:

IN BOARD OF PUBLIC IMPROVEMENTS.

Resolved, That, in pursuance of sections 413 and 416 of the City Charter, chapter 578 of the Laws of 1897, the Board of Public Improvements hereby authorizes and approves the making of a contract or contracts by the Commissioner of Water Supply for the furnishing and laying of water-mains in Gouverneur Slip, between Front and Water streets; in One Hundred and Fifteenth street, between Amsterdam avenue and Morningside avenue, West, and in St. Nicholas terrace, between One Hundred and Twenty-seventh street and Convent avenue, all in the Borough of Manhattan, at an estimated cost of \$4,200, to be paid from the appropriation for "Laying Croton Pipes, Boroughs of Manhattan and The Bronx" for 1898.

And the Board hereby presents to the Municipal Assembly, and recommends the adoption of the following ordinance:

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That water-mains be laid in Gouverneur Slip, between Front and Water streets; in One Hundred and Fifteenth street, between Amsterdam avenue and Morningside avenue, West, and in St. Nicholas terrace, between One Hundred and Twenty-seventh street and Convent avenue, all in the Borough of Manhattan, the work to be done under the direction of the Commissioner of Water Supply, and in pursuance of section 413, chapter 578, Laws of 1897.

Affirmative—Commissioners of Water Supply, Highways, Street Cleaning, Sewers, Buildings, Lighting and Supplies, Bridges, President of the Board.

Negative—None.

The following communication was read and referred to the President of the Borough of Queens:

THE GREATER NEW YORK IRISH ATHLETIC ASSOCIATION, No. 186 EAST SIXTY-SIXTH STREET, BOROUGH OF MANHATTAN, N. Y., March 31, 1898.

Hon. MAURICE F. HOLADAN, Commissioner of Public Improvements, New York Life Insurance Building, New York City:

DEAR SIR—At a meeting of the Board of Directors held on Wednesday evening, March 30, the enclosed preamble and resolution were adopted. Acting under instructions from the Board of Directors, I have the honor to transmit this copy to you, respectfully but earnestly urging that you give this matter your early attention.

Sincerely yours,

JOHN J. CURTOWNE, Secretary.

To the Hon. MAURICE F. HOLADAN, Commissioner of Public Improvements, New York Life Insurance Building, New York City:

Whereas No sidewalk exists along Calvary Cemetery road, known as the old boundary road, from Barclay avenue to Thompson avenue, in the Borough of Queens, which said road leads to a park and athletic grounds owned and operated by the association; and

Whereas The absence of such sidewalk is a material loss in our organization; therefore be it Resolved, That the Board of Directors respectfully invite the attention of the Honorable Maurice F. Holadan, Commissioner of Public Improvements, to the condition referred to, and request him in case to be erected a sidewalk along the road, and between the points indicated herein.

P. J. CONWAY, President.

JOHN J. CURTOWNE, Secretary.

The following communication was read and referred to the Commissioner of Highways:

FRANK E. WISE, SEVENTY-NINTH STREET, EAST RIVER, NEW YORK, March 30, 1898.

MAURICE F. HOLADAN, Commissioner, Board of Public Improvements, No. 346 Broadway, New York City.

DEAR SIR—I am directed by the Trustees of the Twenty-first Assembly District Independent Club to draw your attention to the wretched condition of the pavement on Central Park, West, from Fifty-ninth to One Hundred and Tenth street, and ask that your Department take immediate measures to have the same repaved with asphalt or some other smooth and noiseless pavement.

Very respectfully,

FRANK E. WISE, for Grievance Committee.

The following communication from the President of the Borough of Manhattan was read and referred to the Commissioner of Highways:

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, New York, March 30, 1898.

Hon. MAURICE F. HOLADAN, President, Board of Public Improvements, No. 346 Broadway, City:

DEAR SIR—Will you kindly request the proper department to furnish this office with estimates of the costs of the following local improvements:

The extension of One Hundred and Forty-second street, 200 feet from the east side of Convent avenue to the west side of Hamilton terrace.

Paving Twelfth avenue, Fifth to Fifty-eighth street.

Respectfully,

I. E. RIDER, Secretary.

The following communications from the President of the Borough of Manhattan, recommending improvements previously approved by the heads of the departments interested, were all laid over until such time as it was found that bonds could be issued to cover the cost:

LOCAL BOARD, FOURTEENTH, FIFTEENTH AND SIXTEENTH DISTRICTS.

Meeting held in the Borough Office, City Hall, March 28, 1898, at 1.30 P. M.

Resolved, That the Boards of Local Improvements of the Fourteenth, Fifteenth and Sixteenth Districts of the Borough of Manhattan approve the recommendation of the Commissioner of Highways that all flagging and curb now on the sidewalks on Forty-second street, from East river to North river, be relaid and reset where necessary, and that new flagging and curb be furnished where the present flagging and curb are defective. Adopted.

(Signed)

AUGUSTUS W. PETERS, President.

I. E. RIDER, Secretary.

LOCAL BOARD, NINETEENTH DISTRICT.

Meeting held in Borough Office, City Hall, March 28, 1898, at 2 P. M.

Resolved, That the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the proper department be instructed to lay asphalt crosswalk along the easterly side of Seventh avenue, across One Hundred and Sixteenth street. Adopted.

(Signed)

AUGUSTUS W. PETERS, President.

I. E. RIDER, Secretary.

Resolved, That, if under the law it is necessary to enact the resolution approved November 13, 1893, the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan approve the recommendation of the Commissioner of Highways that retaining-walls be built on Macomb's Dam road, as may be necessary to sustain said road between One Hundred and Fifty-fourth street and Macomb's Dam road abutments. Adopted.

LOCAL BOARD, NINETEENTH DISTRICT.

Resolved, That, if under the law it is necessary to re-enact the resolution approved November 23, 1897, the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan approve the recommendation of the Commissioner of Highways that Wadsworth avenue, from One Hundred and Seventy-third street to Eleventh avenue, be regulated and graded, curb-stones set and sidewalks flagged. Adopted.

LOCAL BOARD, FOURTEENTH AND FIFTEENTH DISTRICTS.

Resolved, That the Boards of Local Improvements of the Fourteenth and Fifteenth Districts of the Borough of Manhattan approve the outline plan for the alteration and improvement to sewer in Forty-fifth street, between Third and Vanderbilt avenues, submitted by the Commissioner of Sewers. Adopted.

LOCAL BOARD, NINETEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan approve the outline plan of Commissioner of Sewers for construction of a sewer in One Hundred and Forty-sixth street, between Eighth and Bradhurst avenues. Adopted.

LOCAL BOARD, SEVENTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Seventeenth District of the Borough of Manhattan approve of the outlined plan of the Commissioner of Sewers for the construction of a sewer in Seventy-fifth street, between Boulevard and Amsterdam avenue. Adopted.

LOCAL BOARD, SEVENTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Seventeenth District of the Borough of Manhattan approve that a recommendation of the Commissioner of Highways that Twelfth avenue, from the northerly side of Forty-seventh street to the southerly side of Fifty-second street, be regulated and graded, curb-stones set and sidewalks flagged. Adopted.

LOCAL BOARD, SEVENTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Seventeenth District of the Borough of Manhattan approve the recommendation of the Commissioner of Highways that Twelfth avenue, from the south side of Fifty-second street to the north side of Fifty-eighth street, be regulated and graded, curb-stones set and sidewalks flagged thereon. Adopted.

The following communications from the President of the Borough of Manhattan were read and referred to the Commissioner of Highways:

LOCAL BOARD, FIFTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Fifteenth District of the Borough of Manhattan recommend to the Board of Public Improvements the repaving of Eighty-fourth street, between Madison and Park avenues, with asphalt pavement over present pavement. Adopted.

LOCAL BOARD, SEVENTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Seventeenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the proper Department be instructed to see to it that the vacant lots at Nos. 115 to 119 West Seventy-ninth street are fenced. Adopted.

LOCAL BOARD, SEVENTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Seventeenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the proper Department be instructed to see to it that the lots on the northwest corner of the Boulevard, West Eighty-seventh street, are properly fenced. Adopted.

LOCAL BOARD, NINETEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the proper Department be instructed to proceed to repair sidewalk on West One Hundred and Thirty-fourth street, south side, between Lenox and Seventh avenues, and place the same in proper condition, where necessary. Adopted.

LOCAL BOARD, NINETEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the proper Department be instructed to proceed to repair sidewalk, West One Hundred and Thirty-seventh street, two hundred feet west and east, respectively, from the northwest corner of Lenox avenue, One Hundred and Thirty-seventh street and the northeast corner of Seventh avenue and One Hundred and Thirty-seventh street. Adopted.

LOCAL BOARD SEVENTEENTH DISTRICT.

Resolved, That the Board of Local Improvements of the Seventeenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the proper Department be instructed to proceed to repair sidewalks at No. 128 West Eighty-third street. Adopted.

The following communication from the Board of Aldermen was read and referred to the Commissioner of Public Buildings, Lighting and Supplies:

IN BOARD OF ALDERMEN, MARCH 29, 1898.

No. 130.

March 15, 1898.

No. 130.—(G. O. 15.)

The Committee on Public Buildings, Lighting and Supplies, to whom was referred the annexed resolution in favor of gas-mains, etc., in Elizabeth street, from White Plains road to Fulton street, and two additional lamps in front of the Church of St. Francis of Rome, Wakefield, respectfully

REPORT:

That, having examined the subject, they believe the proposed improvement to be necessary, and recommend that this approval be certified to the President of the Board of Public Improvements.

They therefore recommend that the said resolution be adopted.

Resolved, That gas-mains be laid, gas-lamps erected and street-lamps placed thereon, lighted and maintained on Elizabeth street, from White Plains road or Boulevard to Fulton street, and on Fulton street, from Twenty-second avenue to Elizabeth street, and two additional lamps be erected, lighted and maintained in front of the church edifice of St. Francis of Rome at Wakefield, Borough of The Bronx.

WILLIAM H. GLEDHILL,

EDWARD MCENEANEY,

JOSEPH GEISER,

FRANCIS J. BYRNE,

ELIAS GOODMAN,

Committee on Public Buildings, Lighting and Supplies.

Referred to President, Borough of The Bronx.

This is to certify that the above was recommended by Board of Local Improvements of the Twenty-second District, at a regular meeting held on March 24, 1898.

LOUIS F. HOFFEN, President.

The following communication from the Board of Aldermen was read and referred to the Commissioner of Highways:

IN BOARD OF ALDERMEN, MARCH 29, 1898.

PETITIONS.

No. 472A.

PUBLIC SCHOOL NO. 8, NO. 23 KING STREET,

March 18, 1898.

Hon. JOSEPH E. WELLS, Alderman:

DEAR SIR—In behalf of more than 1,450 school children we make an appeal for asphalt paving in front of our school building. Facing the street there are thirteen class-rooms, containing about 650 pupils. These are inconvenienced every time a truck or vehicle passes the building. Oftentimes the class work must be stopped on account of the noise made by the heavy trucks rumbling over the rough pavement.

It is a great detriment to class work; it has injurious effects upon the nerves of teachers and pupils. If you will kindly interest yourself in our behalf you will be doing a work of great good to nearly 1,500 children.

Yours respectfully,

JOHN DWYER, Principal.

In connection with the foregoing Alderman Wells presented the following:

No. 472B.

AN ORDINANCE to provide for repaving King street, from Macdougal street to Varick street, in the Borough of Manhattan, with asphalt.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

Section 1. That King street, from Macdougal street to Varick street, in the Borough of Manhattan, be repaved with asphalt pavement upon the present pavement, under the direction of the Commissioner of Streets and Highways.

Sec. 2. All ordinances or parts of ordinances inconsistent or conflicting with the provisions of this ordinance are hereby repealed.

Sec. 3. This ordinance shall take effect immediately. Which was referred to the Board of Public Improvements.

The following communication from the President of the Borough of Queens was read and referred to the Commissioner of Highways, for the purpose of removing the obstructions referred to:

THE CITY OF NEW YORK, OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS AND OF THE LOCAL BOARDS, LONG ISLAND CITY, April 6, 1898.

Board of Public Improvements, City of New York, Hon. M. F. HOLAHAN, President:

GENTLEMEN—With an anxiety in keeping with the undertaking and attempts of the so-called Woodside Water Company of Newtown, in and upon Long Island City, in connection with which in a taxpayers suit entitled "J. Rufus Terry against Woodside Water Company" the Supreme Court Justice thereon said, "The facts pleaded present a scandalous case of official dishonor, corruption and betrayal of trust, and the denials presented impair them very little, if at all, the water-pipes deposited by said company upon the principal highways, etc., of the First Ward of this Borough, have not been removed, and hence remain, as they have during the last five months, as an incumbrance, and are dangerous to travel upon the said public highways.

The Supreme Court having decided that said company has no contract which is binding upon Long Island City, I respectfully ask that your Honorable Body call the attention of the proper authorities thereto, and request that prompt and summary action be taken to have such pipes and fittings removed from off the public avenues and streets aforesaid; and thus obliterate this public exhibition of defiance to the rights and interests of the people and the power of the constituted authorities.

Respectfully yours, FREDERICK BOWLEY, President of the Borough of Queens.

The following communication from the President of the Borough of Queens was referred to the Commissioner of Sewers:

OFFICE OF PRESIDENT OF THE BOROUGH OF QUEENS, LONG ISLAND CITY, April 6, 1898.

Board of Public Improvements, City of New York, Hon. M. F. HOLAHAN, President:

GENTLEMEN—After the many months during which the contractor for the construction of sewer and the grading in and upon Webster avenue, from Jackson avenue down to the East river, First Ward, this Borough, has discontinued the work thereon, left trenches open, and thereby exposed private property in gas-mains and water-pipes subject to damage, and in such event entail litigation, and of which danger such owners filed complaint in this office, and notice thereof was promptly transmitted through me to your Board.

No action has as yet been taken by your Honorable Body toward the enforcement of contract made therefor some fifteen months ago, although the season suitable for such work has advanced considerably.

Webster avenue, when improved, will become a main artery from the heart of the late Long Island City down to the East river, at which is located the only public dock in the whole First Ward of this Borough.

The present unsettled condition of affairs, consequent upon the merging into the Greater New York, can hardly be such as to prevent the insistence of the proper City authorities that the contractor, who has already received warrant for payment thereon of many thousands of dollars, shall proceed forthwith to fulfill his obligations in the premises, as per contract now in possession of your office.

I submit that, by reason of the refusal of the late Long Island City, as represented by the major portion of its then Common Council, of which I was, to become a party to sanction the speedy inauguration of improvements before the consolidation with the City of New York, regardless of consequences and the expense thereof, entitles such section at your hands favorable consideration therefor.

It would be absurd even to imagine that with a population of almost 50,000 people, in a section so closely situated to and its interests so identical with the late cities of New York and Brooklyn, that anything short of an improved and progressive administration of public affairs will be countenanced by it.

It is my duty to obtain, from time to time, for the Borough of Queens proper and effective response to its most urgent needs for which I repeat and hereby respectfully request your co-operation, whereby we will merit the approval of and receive the support of our constituents, and subject me, in behalf of those represented by me, as

Yours, gratefully, FREDERICK BOWLEY, President of the Borough of Queens.

The following communication from the President of the Borough of Brooklyn was read:

CITY OF NEW YORK—BOROUGH OF BROOKLYN, OFFICE OF THE PRESIDENT OF THE BOROUGH, April 4, 1898.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

SIR—I have received the following petition:

April 2, 1898.

To Hon. EDWARD M. GROUT:

The undersigned respectfully represent that they are holders and owners of property situate on Park place, between Albany and Brooklyn avenues, Borough of Brooklyn.

That an assessment was levied and confirmed on property on said Park place about the 14th day of June, 1897, for the purpose of having the same paved with asphalt between the points named.

That the undersigned with others have paid into the City Treasury the sum of eight thousand eight hundred and thirty-six dollars and thirty-one cents. That much of the foregoing amount was paid in during August, 1897.

That a contract was made with Cranford & Co. to pave the same with asphalt for the sum of twelve thousand six hundred dollars.

That said contract was made with the City during the latter part of December, 1897.

That in view of said improvement, buildings have been erected by a number of the undersigned on said Park place, and a number of other owners are excavating for the erection of buildings. A number of the buildings now erected are in the market for sale. That it is impossible to get purchasers for said buildings unless the street can be promptly paved.

The City has had much of this money since August last past, and the undersigned are losing their interest on the same, and those who have erected buildings on the faith of this improvement are and will be greatly damaged.

We would therefore most respectfully petition that you will aid the undersigned in having said pavement promptly laid by the proper authorities.

The full amount will be paid by all the owners on said Park place, provided they can be assured that the work will be promptly done by the City.

- Respectfully, Charles H. Denison, No. 1100 Prospect place. James H. Pittinger, Park place and Kingston avenue. George V. Brower, southeast corner Park place and Kingston avenue. A. Rogers Lee, No. 122 Amity street. Thomas Corrigan, No. 1096 Prospect place. H. Leunhauser, No. 288 Albany avenue. Horace I. Moyer, No. 1101 Park place. H. M. Suermondt, No. 1107 Park place. William Herod, No. 1211 Sterling place.

The only essential facts which I need to add to the foregoing statement are that the improvement referred to is an original improvement, and that the contract was never certified by the Comptroller of the former City of Brooklyn.

The matter presents not only the question as to the validity of uncertified contracts, but also the further question of the liability and responsibility of the City where it has levied and collected assessments for the particular purpose of the improvement.

There are many similar cases in this Borough, and I forward this matter to you with the request that the Corporation Counsel's advice be obtained thereon.

Respectfully, EDWARD M. GROUT, President of the Borough.

Thereupon the following resolution was unanimously adopted:

By the President—

Resolved, That the President of the Borough of Brooklyn be and he is hereby authorized to wait upon the Comptroller and inquire into all matters connected with the City of Brooklyn involving assessments paid for contemplated improvements, which improvements have never been made, and on his report the Corporation Counsel will be communicated with and his opinion asked as to the obligation upon the City to carry out these proposed improvements.

The following communications from the Commissioner of Highways were read and laid over until such time as assessment bonds can be issued:

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, April 5, 1898.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—Pursuant to the provisions of section 524, subdivision 6 of the City Charter, I recommend that the vacant lots on the west side of Edgecombe avenue, from One Hundred and Forty-first to One Hundred and Forty-fifth street, be fenced in with tight board fence where not already done. The cost of this improvement is to be assessed on the property benefited.

In compliance with section 413 of the Charter, I beg to report that the estimated cost of the work is \$130, and that the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment is \$19,600.

The safety and convenience of the public require that the proposed improvement be authorized and effected as early as practicable.

In conformity with section 417 of the Charter, I respectfully ask the Board of Public Improvements to approve and adopt the ordinance hereto attached and to transmit it to the Municipal Assembly for action by that body.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—On the accompanying petition addressed to you by Mr. John Louden and nine hundred and thirty-five others, for the repaving with asphalt of Second avenue, from Twenty-second street north to the Harlem river, I have the honor to report:

This part of Second avenue ought to be improved, the existing stone pavement being very old and defective. In consequence of the paving of First avenue with asphalt, the traffic on that avenue has increased so greatly that it is overcrowded, causing delay and inconvenience to owners of trucks and wagons. It is necessary to relieve First avenue of a considerable portion of its traffic, and this can be done by laying an asphalt pavement on Second avenue. The cost of this improvement would be about \$500,000, exclusive of the space that the railroad company are obligated to pave.

If bonds for public improvements cannot be issued, on account of the City's debt limit having been reached, it will be impossible to repave Second avenue, from Twenty-second street to the Harlem river, this year. By the relaying of the present stone block pavement on a suitable foundation, a marked improvement could be effected in the present condition of the avenue, at an estimated expenditure of about \$250,000. This amount, while but half the cost of repaving the avenue with asphalt, is 55,000 more than the aggregate sum appropriated to this Department for repaving streets and avenues in 1898. This appropriation is inadequate to meet the expense of repaving streets or parts of streets, which are in such bad condition as to render their immediate improvement absolutely necessary. Under these circumstances, this Department is as powerless to undertake the relaying of the present pavement on Second avenue as it is to repave the avenue with asphalt, unless money can be raised by the issue of bonds.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—Pursuant to the provisions of section 524, subdivision 6 of the City Charter, I recommend that the cartway of One Hundred and Seventh street, from Riverside Drive to West End avenue, be paved with asphalt on concrete foundation, and that crosswalks be laid and curbstones set and reset and sidewalks flagged and reflagged where necessary.

I also recommend that, in accordance with section 423 of the Charter, the Municipal Assembly be asked to grant authority to require of the contractor for this improvement a guaranty of maintenance for fifteen years.

The cost of the improvement is to be assessed on the abutting and benefited property.

In compliance with section 413 of the Charter, I beg to report that the estimated cost of the work is \$5,000, and that the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment is \$165,500.

The convenience of the public requires that the proposed improvement shall be authorized and effected as early as practicable.

In conformity with section 417 of the Charter, I respectfully ask the Board of Public Improvements to approve and adopt the ordinance hereto attached, and to transmit it to the Municipal Assembly for action by that body.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

The following communication from the Commissioner of Highways was read:

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, April 5, 1898.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—Pursuant to the provisions of section 524, subdivision 6 of the City Charter, I recommend that the intersection of the Boulevard and Manhattan street be repaved with asphalt, and that curbstones be set and reset where necessary.

The estimated cost of the improvement is \$5,000, chargeable to the appropriation for "Repaving Streets and Avenues."

Pursuant to the provisions of the first subdivision of section 230 of the Charter of The City of New York, I attach hereto my certificate to the Municipal Assembly that the safety, health or convenience of the public requires that this improvement be made.

In conformity with section 417 of the Charter, I respectfully ask the Board of Public Improvements to approve and adopt the accompanying ordinance, and to transmit it with my certificate to the Municipal Assembly for action by that body.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

Whereupon the following resolution was adopted:

Resolved, That the Commissioner of Highways is hereby authorized to enter into a contract for repaving the intersection of the Boulevard and Manhattan street, and that an ordinance for same be forwarded to the Municipal Assembly. Section 230, chapter 378, Laws 1897.

Affirmative—Commissioners of Highways, Street Cleaning, Sewers, Buildings, Lighting and Supplies, President of Board.

The following communications from the Commissioner of Highways were read and ordered on file:

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, April 5, 1898.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—I have the honor to report as follows on the petition from W. Durand and others, received with a letter, dated 25th ultimo, from your secretary, in regard to repaving Sixtieth and Sixty-first streets, from Central Park, West, to Columbus avenue:

No public improvement of this character can be undertaken until money to pay for them shall be appropriated by the Board of Estimate and Apportionment and by the Municipal Assembly.

The Chief Engineer of Highways has recorded the necessity of this improvement, and it will be listed for prosecution as soon as the necessary funds shall be provided.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

The following communication was received from the Commissioner of Highways and the Secretary directed to notify the parties in interest that the request would not be granted:

NEW YORK, April 6, 1898.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—In the matter of the communication addressed to you on the 25th ultimo by Mr. John Reeber, and referred to me by letter of 31st ultimo, from the Secretary to the Board of Public Improvements, I have the honor to report that complaints have recently been made to this Department by Mr. Theodore Von Gerichten and others regarding the house which Mr. Reeber requests the Board of Public Improvements to permit to remain in Rose street, at Bergen avenue, in accordance with section 971 of chapter 378 of the Laws of 1897. I therefore cannot recommend that Mr. Reeber's request be granted.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

The following communications were read and placed on file:

NEW YORK, April 5, 1898.

Hon. MAURICE F. HOLAHAN, President, Board of Public Improvements:

DEAR SIR—As requested by letter of 31st ultimo from the Secretary to the Board of Public Improvements, I beg to submit the following report on the communication from the President of the Borough of Manhattan, relative to repaving Manhattan street, from Ninth avenue to Hudson river:

No public improvements of this character can be undertaken until money to pay for them shall be appropriated by the Board of Estimate and Apportionment and by the Municipal Assembly.

The Chief Engineer of Highways has recorded the necessity of this improvement, and it will be listed for prosecution as soon as the necessary funds shall be provided.

Very respectfully, JAMES P. KEATING, Commissioner of Highways.

New York, April 5, 1898.

Hon. MAURICE F. HOLMANS, President, Board of Public Improvements:

DEAR SIR—I beg to acknowledge the receipt of a letter dated March 31 from the Secretary to the Board of Public Improvements, transmitting for investigation and report, a communication from the President of the Borough of Manhattan, recommending that One Hundred and Fifth street, from Fifth avenue to the East river, be repaved with asphalt.

No public improvements of this character can be undertaken until money to pay for them shall be appropriated by the Board of Estimate and Apportionment and by the Municipal Assembly.

The Chief Engineer of Highways has recorded the necessity of this improvement, and it will be listed for prosecution as soon as the necessary funds shall be provided.

Very respectfully,

JAMES P. KEATING, Commissioner of Highways. New York, April 5, 1898.

Hon. MAURICE F. HOLMANS, President, Board of Public Improvements:

DEAR SIR—In accordance with the request conveyed to me by letter of March 31 from the Secretary to the Board of Public Improvements, I beg to present the following report on the communication from the Board of Aldermen, relative to the proposed repaving of East Nineteenth and and Eighty-ninth streets:

No public improvements of this character can be undertaken until money to pay for them shall be appropriated by the Board of Estimate and Apportionment and by the Municipal Assembly.

The Chief Engineer of Highways has recorded the necessity of this improvement, and it will be listed for prosecution as soon as the necessary funds shall be provided.

Very respectfully,

JAMES P. KEATING, Commissioner of Highways. New York, April 5, 1898.

Hon. MAURICE F. HOLMANS, President, Board of Public Improvements:

DEAR SIR—In compliance with the request made to me by letter of the 31st ultimo from the Secretary to the Board of Public Improvements, I beg to submit my report on the communication from the President of the Borough of Manhattan, relative to repaving One Hundred and Twenty-fifth street, between the Harlem river and Ninth avenue.

No public improvements of this character can be undertaken until money to pay for them shall be appropriated by the Board of Estimate and Apportionment and by the Municipal Assembly.

The Chief Engineer of Highways has recorded the necessity of this improvement, and it will be listed for prosecution as soon as the necessary funds shall be provided.

Very respectfully,

JAMES P. KEATING, Commissioner of Highways.

The following communication from the Commissioner of Highways was read, and laid over until next meeting:

DEPARTMENT OF HIGHWAYS, New York, April 5, 1898.

Hon. MAURICE F. HOLMANS, President, Board of Public Improvements:

DEAR SIR—I have the honor to acknowledge the receipt of your letter of the 31st ultimo, and to submit the following reports made to me today by the Chief Engineer of Highways, as to the advisability of fixing at fifteen years the period for which asphalt pavements shall be required to give a guarantee of maintenance:

In answer to a communication from the Board of Public Improvements in reference to a discussion by Commissioner McCartney, as to guarantee of asphalt pavements.

Commissioner McCartney claims that contractors and planters are overcharged for the restoration of openings, and are compelled to pay the contractors of the asphalt pavement during their period of guaranty a larger sum than they would have the work done for by others.

The price charged by contractors and planters is fixed in the contract in the price paid per square yard for the whole area of the pavement. I consider this price low, and less than the actual cost. It is not possible to make single small repairs at the same rate of cost as larger repairs, and especially at the same rate as for the whole area of the pavement. Besides, it is essential that the restoration or repair should be of like durability and texture as the adjoining pavement, and it is also desirable to have it match in color.

Asphalt pavement vary in color according to the different materials used; for the sake of uniformity of durability and color, the work is better done by the contractor laying the original pavement.

It is suggested that the City do all the work of restoring the pavements by its own force. This is not desirable where the work is under maintenance, and I question whether it would be economical.

When the area of asphalt pavements has passed beyond the period of maintenance by the contractor and has greatly increased and would warrant the keeping in operation a sufficient number of pavement plants, it would probably then be desirable and economical for the City to do its repairs.

The asphalt material must be laid hot and can only be carried in that condition a limited distance, and the distance varies according to the temperature of the air.

Reference was made to the length of period of the guaranty. The durability of an asphalt pavement depends on a great measure on the care and skill given to its manufacture and the mixing of the several ingredients that compose it. So great is the skill and knowledge from experience in the manufacture of this pavement that a pavement can be made, not only to suit the kind of traffic, but to last the period of maintenance, and that, too, with but little additional first cost. A pavement can be made that will endure for twenty years almost as cheap as a pavement can be made to endure five years. This is accomplished by better knowledge as to the properties of asphalt, experience, improved methods and machinery.

The period of fifteen years is a reasonable one. It is economical and in the interest of the public, and should be the minimum period of guaranty both for assessment work and for work paid for by taxation and bonds. This is the experience of cities in this country and in Europe. In Europe the guaranty is for eighteen years and in this country it varies from five to fifteen years. I repeat that the fifteen years is the most economical period.

Very respectfully, (Signed) JAMES P. KEATING, Commissioner of Highways.

The following communication from the Commissioner of Highways was read and referred to the Engineer of Street Openings for report:

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, New York, April 6, 1898.

Hon. MAURICE F. HOLMANS, President, Board of Public Improvements:

DEAR SIR—In transmitting to me, on March 25, the plan and profile for regulating and grading Elm street, between City Hall place and Great Jones street, Mr. George A. Wheeler, City Surveyor on the work, pointed out that the grade filed for Elm street was in accordance with the calculated official grades at the intersecting streets, but that, unfortunately, the old streets had not been graded and paved exactly to the official grades, and that, consequently, it will be impracticable to regulate, grade and pave Elm street to the official grade as filed.

The greatest discrepancies between the established or official grade of Elm street and the existing grades of the intersecting streets are at these locations:

- The intersection of Great Jones street, about one foot below the official grade.
The intersection of Bond street, about one foot six inches above the official grade.
The intersection of Spring and Marion streets, about one foot below the official grade.
The intersection of Broome street, about six inches below the official grade.
The intersection of Pearl street, about two feet nine inches below the official grade.

Inasmuch as the Board of Public Improvements are considering a proposed change of grade at Pearl street, and as architects are unable to prepare satisfactory plans for new buildings until they can determine the exact floor levels, which are dependent upon the grades to be finally adopted, I recommend that the changes or modifications of grades at the street intersections named be also considered.

In considering the advisability of adopting the modifications of grades suggested by the City Surveyor, it must be borne in mind that the established or official grade of new Elm street was definitely fixed by the late Board of Street Openings and Improvements, and that the improvement of that street is to be paid for by assessment.

Very respectfully,

JAMES P. KEATING, Commissioner of Highways.

On the regulation of the Commissioner of Highways, approved by the Commissioner of Sewers, the transfer of Patrick E. Kelly, Assistant Foreman, from the Department of Sewers to the Department of Highways, was authorized.

On the requisition of the Commissioner of Highways, approved by the Commissioner of Water Supply, the Board authorized the transfer of Patrick J. Walsh, Foreman, from the Department of Highways to the Department of Water Supply.

On the requisition of the Commissioner of Bridges, approved by the Commissioner of Highways, the Board authorized the transfer of John Lynch, Sausser, from the Department of Highways, Borough of The Bronx, to the Department of Bridges, Borough of The Bronx.

Adjourned. Aftest:

JOHN H. MOONEY, Secretary.

METEOROLOGICAL OBSERVATORY OF THE DEPARTMENT OF PARKS.

Central Park, New York—Latitude 40° 45' 58" N. Longitude 73° 57' 58" W. Height of Instruments above the Ground, 53 feet; above the Sea, 97 feet.

Abstract of Registers from Self-recording Instruments for the Week ending April 2, 1898.

Barometer.

Table with columns: DATE, 7 A.M., 9 A.M., 11 A.M., MEAN FOR THE DAY, MAXIMUM, MINIMUM. Rows for Sunday through Saturday.

Mean for the week... 30.067 inches. Maximum... 31.0 A.M., March 29th... 30.550. Minimum... 29.6 A.M., April 2d... 29.764. Range... .786.

Thermometers.

Table with columns: DATE, 7 A.M., 9 A.M., 11 A.M., MEAN, MAXIMUM, MINIMUM, MAXIMUM. Sub-columns for Dry Bulb, Wet Bulb, and in Shade.

Mean for the week... 43.4 degrees. Maximum... 48.6 degrees. Minimum... 34.0 degrees. Range... 14.6 degrees.

Wind.

Table with columns: DATE, DIRECTION, VELOCITY IN MILES, FORCE IN POUNDS PER SQUARE FOOT. Sub-columns for direction and velocity.

Distance traveled during the week... 1,300 miles. Maximum force... 5 pounds.

Hygrometer.

Clouds.

Rain and Snow. Ozone.

Table with columns: DATE, FORCE OF VAPOUR, RELATIVE HUMIDITY, CLEAR, OVERCAST, etc. Rows for Sunday through Saturday.

Total amount of water for the week... 1.13 inch. Duration for the week... 1 day, 23 hours, 00 minutes.

Table with columns: DATE, 7 A.M., 9 P.M. Rows for Sunday through Saturday.

DANIEL DRAPER, Ph. D., Director.

DEPARTMENT OF HIGHWAYS.

DEPARTMENT OF HIGHWAYS, COMMISSIONER'S OFFICE, NO. 150 NASSAU STREET, NEW YORK, April 9, 1898.

Supervisor of the City Record:

1898. 518.—In accordance with the provisions of section 1546, chapter 378 of the Laws of 1897, I transmit the following report of the transactions of the Department of Highways for the week ending March 26, 1898.

Respectfully, W. N. SHANNON, Deputy Commissioner of Highways.

Table with columns: BUREAUS, MANHATTAN, THE BOROES, BRONX, QUEENS, RICHMOND. Rows include: Public Works received during the Week, Results Secured, Disbursements Allowed, and Report to Treasurer.

Statement of Laboring Force Employed in the Department of Highways During Week Ending March 26, 1898.

Table with columns: BUREAUS, MANHATTAN, THE BOROES, BRONX, QUEENS, RICHMOND. Rows include: Laboring Force, and various sub-categories of labor.

DEPARTMENT OF DOCKS AND FERRIES.

At a regular meeting of the Board of Docks held Friday, March 18, 1898, at 2 o'clock P. M. Present—The full Board.

The minutes of the meetings held March 11 and 16, 1898, were approved. A representative of the Molienbauer Sugar Refining Company appeared in relation to dredging required at the foot of Division avenue, Borough of Brooklyn.

On motion, the matter was referred to the Corporation Counsel to advise the Board what steps should be taken in the matter.

Representatives of the Bridgeport Steamboat Company and the Stamford Line appeared and requested that the Pier at the foot of East Thirty-first street be set aside for the use of steamboats plying on Long Island Sound.

The communication from the Fire Department requesting that permanent berths be set aside for the use of fireboats was taken from the table, and

On motion, permission was granted said Department to use and occupy the southerly side of Pier 55, East river, and the southerly side of Pier at the foot of East Ninety-fifth street, the latter permit to commence when the new fireboat is completed and ready for use.

The communication from Spearin & Preston submitting plans on behalf of G. Knoche, for building a coal dock and landing-crack, between Eighty-second and Eighty-third streets, East river, and requesting that permission be granted therefor, was referred to the Treasurer to fix compensation.

A communication from W. F. Sheehan, on behalf of the Kings County Electric Light and Power Company, in relation to the dumping of ashes, etc., at the Pier foot of Gold street, Borough of Brooklyn, was referred to Commissioner Meyer.

The following permits were granted to continue during the pleasure of the Board: T. G. & W. K. Bates, to place small platform scale on the north side of Pier, old 59, North river, the work to be done under the supervision of the Engineer-in-Chief.

William A. Hall, to place bath-houses in front of the Battery wharf during the coming summer season, commencing June 1, 1898, compensation therefor to be fixed by the Treasurer; the consent of the Park Department to be first obtained.

The following permits were granted, the work to be done under the supervision of the Engineer-in-Chief: Panama Railroad Company, to erect an incline on the south side of Pier, new 37, North river, the plans therefor to be approved by the Engineer-in-Chief.

Estate of John Gardner, to repair bulkhead southerly of Cherry street, East river.

W. J. Peck, to repair bulkhead platform, between Forty-seventh and Forty-eighth streets, East river, the work to be kept within existing lines.

New York Yacht, Launch and Engine Company, to replace piles on the northerly line of the property owned by them at Morris Heights, Harlem river.

The following communications were taken on file: From the Department of Finance: 1st. Approving surties on Contract No. 828. 2d. Requesting information in relation to contracts entered into by this Department. Secretary directed to furnish same. 3d. Inclosing notice from the Department of Buildings of a violation of the building laws in the erection of a recreation structure on Pier, new 43, North river. Secretary directed to notify the Comptroller and the Department of Buildings that the supervision of the work is vested in the Department of Docks and Ferries.

From the Corporation Counsel: 1st. Transmitting certified copies of bills of costs in three proceedings for the acquisition of Pier 39, East river, and bulkhead adjoining pier line of bulkhead north of the northerly line of West street, North river, and the south bulkhead between Bush and Bethune streets. Chief Clerk directed to prepare the necessary regulations. 2d. Stating that in leases heretofore made by this Department a clause has been inserted providing that if repairs are not made in structures upon the premises when ordered that they may be made by the force of the Department at the cost of the lessee.

On motion, the Secretary was directed to request the Corporation Counsel to insert in future leases of wharf property, in addition to the clause requiring that the lessee shall make necessary repairs to the premises, a clause providing that they shall keep the structures on said premises well painted.

3d. Advising that the right to collect wharfage at the lower docks of recreation piers may be leased, provided a reservation is made for the use of freight boats plying upon the waters of the State, and also that said piers may be used for the landing of passenger boats, provided the berths are not required by freight boats.

4th. Advising that the proofs of service of notice from the Board of Docks upon owners of the bulkhead rights in front of Corlies Hook Park directing the making of necessary repairs thereto are insufficient to authorize the bringing of an action to declare the grants thereof forfeited.

From the Commissioners of the Sinking Fund, transmitting certified copy of resolution adopted by the Commissioners of the Sinking Fund, March 14, 1898, approving the changes in the length, width and location of piers between West Twelfth and West Twenty-second streets, North river.

On motion, said resolution was ordered to be spread in full on the minutes as follows: Resolved, That the Commissioners of the Sinking Fund hereby approve of any change in the changes of the length, width and location of the piers to be built between West Twelfth and West Twenty-second streets, North river, as provided by resolutions of the Board of Docks adopted January 14, 1898.

From the Department of Water Supply.—In reference to laying of water-main to the pier foot of East One Hundred and Twelfth street.

On motion, the Secretary was directed to request the Department of Water Supply to lay said main at the expense of this Department.

From the Commissioner of Bridges.—Stating that said Department will do the necessary dredging at the Brooklyn river of the New York and Brooklyn Bridges, provided the Department will agree to pay the cost thereof. Secretary directed to state that this Department has no money available for the purpose.

From the Erie Railroad Company.—Accepting the terms and conditions of the resolution adopted March 4, 1898, relating to said company the wharfage list of Pier, new 7, East river, is withdrawn.

On motion, the Secretary was directed to request the Corporation Counsel to prepare the necessary natural lines.

From the Fidelity and Deposit Company of Maryland, and Geo. S. Sedgwick, Architects.—Consenting to the extension of their contract to March 9, 1898, general contract No. 100000, commencing for the completion of the work of building a pier near the foot of West Eleventh street, North river, under Contract No. 504.

From the Fidelity and Deposit Company of Maryland, and John W. Weeks, Surveyor.—Consenting to the extension of their contract to March 8, 1898, general contract No. 100000, commencing for the work of building a pier on the pier foot of East Third street, under Contract No. 900.

From the New York Eastern and Hudson River Railroad Company.—Transmitting new bills examined by said company and the National Safety Company, to be attached to the lower of pier and bulkhead foot of West Thirty-sixth, Thirty-seventh, Thirty-eighth and Thirty-ninth streets, North river, and requesting that same be substituted for the original twenty bills examined by Cornelius Vanderhoff and Eugene M. Depece.

On motion, the contents of the Board was granted for the substitution of said bills.

From Brown & Co.—Surrendering their occupancy of Pier, new 4, South river. Permit granted, to take effect March 17, 1898.

From the Baltimore and Ohio Railroad Company.—In relation to resurfacing and painting the dock on Pier, new 56, North river.

On motion, the Secretary directed to notify Simpson, Spence & Young, agents of the Arrow Shipping Company, the original lessee, to make the necessary repairs, and to paint the dock on said pier.

From Sanderson & Son, Agents.—Requesting that the pier for the installation of a dock be located by them at the foot of Bethune street, North river, in rear of the bulkhead wall, be driven by this Department and agreeing to pay the cost thereof. Engineer-in-Chief directed to drive said pier and to repair the same if any are collapsed.

From P. Sanford Ross, Insurance.—Requesting an extension of time on Contract No. 900. On motion, the following resolution was adopted: Resolved, That the time for the completion of the work of building a new pier at the foot of Gamewort street, North river, under Contract No. 900, P. Sanford Ross contractor, be and is hereby extended to and including April 9, 1898, the extension of the sureties, and contract having been filed in this Department.

From Brown & Fleming.—Requesting permission to construct dumping-board on the north side of Pier, old 1900. Application denied.

From the Central Railroad Company of New Jersey.— 1st. Requesting permission to paint the works "Sandy Hook Works" on the overhead bridge at Harlem street, North river. Application denied. 2d. Requesting that this Department make the necessary application to the Municipal Assembly for the establishment of a franchise for the ferry line of Whitehall street to Canal street. Application denied.

From the Sheridan & Shea Company.—Requesting a lease of the bulkhead west of Ninety-seventh street, North river. Application denied.

From the Standard Oil Company of New York.—Requesting permission to erect a building on the Pier foot of North Tenth street, Borough of Brooklyn.

On motion, said application was denied as the granting of such a permit is contrary to law.

From the Treasurer.— 1st. Recommending that the compensation to be charged the Sagoyew and New York Steamboat Company for the use of the south side of Pier, old 37, North river, be fixed at the rate of \$3,333.33 per annum, payable monthly to the Treasurer, commencing from the time said berth is occupied. Recommendation adopted. 2d. Recommending that the compensation to be charged William Turner for the use of Pier foot of East Thirty-fifth street, be fixed at the rate of \$200 per annum, payable monthly in advance to the Treasurer, commencing March 5, 1898. Recommendation adopted.

3d. Recommending that the compensation to be charged John A. Seese for the use of the one-story frame buildings at the foot of Forty-third street, Borough of Brooklyn, be fixed at the rate of \$15 per month, payable monthly in advance to the Treasurer, commencing January 15, 1898. Recommendation adopted.

From Commissioner Meyer.— 1st. Recommending that the application of William J. McGuire for a lease of the new-mole land in the vicinity of West Twenty-eighth street, North river, be denied. Recommendation adopted. 2d. Recommending that the application of the Manhattan Railway Company be relieved from furnishing a bond on the renewal lease of land under water in the vicinity of One Hundred and Fifty-ninth street, Harlem river, be granted, as no bond was required on the original lease. Recommendation adopted.

From the Treasurer and Commissioner Meyer.—Recommending that a lease be granted the National Steamship Company, Limited, of the bulkhead extending from the northerly side of Pier, new 39, North river, to a point 95 feet south of the southerly side of said pier, and that permission be granted for the erection of a shed thereon.

On motion, the following resolutions were adopted: Resolved, That the bulkhead extending from the northerly side of Pier, new 39, North river, to a point ninety-five feet south of the south side of said pier, is hereby designated and appropriated for the special kind of commerce carried on by steam transportation; and be it further

Resolved, That, by virtue of the power and authority vested in this Board by law, and in pursuance of the statutes in such cases made and provided, this Board hereby agrees to lease, assign and firm let to the National Steamship Company, Limited, all and singular the wharfage which may arise, accrue or become due in the manner and at the rates prescribed by law, for the use and occupation of the bulkhead extending from the northerly side of Pier, new 39, to a point ninety-five feet south of the southerly side of said pier, for a term of two years and ten months from the 1st day of May, 1898, with privilege of renewal for a further term of ten years, upon three months' notice being given prior to the expiration of the first term. The rental of said bulkhead to be hereafter fixed by Commissioners Murphy and Meyer.



Resolved, That, in accordance with Civil Service Rules and Regulations, Owen Mulligan be and is hereby appointed Engineerman in this Department, with compensation at the rate of thirty-five cents per hour while employed.

Resolved, That any officer or employee of this Department who shall fail to notify the Secretary of the Board or the Engineer-in-Chief of any change of residence within three days after such change, shall be deemed to have left the service of the Department and shall not be assigned to duty without an order from the Board.

Resolved, That the Secretary be and hereby is directed to notify the Municipal Civil Service Commission that this Board desires to reinstate the following-named employees to the positions set opposite their respective names, they having severed their connection with this Department within the past three years, through no fault or delinquency of their own, and while in the service of the Department having performed their duties creditably; and also to request that they be given the requisite examination at the earliest practicable date:

Table with 5 columns: NAME, ADDRESS, POSITION, DATE OF RESIGNATION, CAUSE. Lists various employees and their details.

On motion, the Board adjourned.

WM. H. BURKE, Secretary.

DEPARTMENT OF HEALTH.

HEALTH DEPARTMENT, CENTRE, ELIX, WHITE AND FRANKLIN STREETS, NEW YORK, April 11, 1898.

Supervisor of the City Board:

SIR—In accordance with the provisions of section 1546, of chapter 378, of the Laws of 1897, I beg to transmit herewith, for publication in the CITY RECORD, the following appointments by the Department of Health of The City of New York:

Table with 4 columns: NAME, BOROUGH, POSITION, SALARY. Lists various health department appointments.

Very respectfully, C. GOLDBERMAN, Secretary pro tem.

FIRE DEPARTMENT.

TRANSACTIONS OF THE FIRE DEPARTMENT FROM MARCH 25 TO APRIL 2, 1898, INCLUSIVE.

MARCH 25, 1898.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Referred.

Report of Foreman, Engine 16, of reinspection Metropolitan Hotel, No. 175 Third avenue. To Assistant Corporation Counsel, Bureau for Recovery of Penalties. Reports of chimney fires at No. 118 Summit street, No. 57 Harrison place and No. 8 Dwyett street, Borough of Brooklyn; No. 224 First avenue, Borough of Manhattan, and Clavson's Point, Borough of Bronx. To Inspector of Combustibles. Report of overheated flag, No. 64 Nassau street. To Fire Marshal. Report of trial of new horse. To Chief of Battalion, Hospital and Training Stables. Report of obstruction of stairway to scuttle, No. 327 Washington street. To Department of Buildings. Reports of violations of section 454, chapter 410, Laws of 1882. To Assistant Corporation Counsel, Bureau for Recovery of Penalties. Request of Assistant Corporation Counsel, Bureau for the Recovery of Penalties, for reinspection of various premises. To Chief of Department and Inspector of Combustibles. Request of American Society for Prevention of Cruelty to Animals to have telegraph instrument at its headquarters, Twenty-sixth street and Madison avenue, connected with cable and subway. To Chief of Department. Request of J. Thompson that fire-escapes, premises No. 287 East Third street, be inspected. To Department of Buildings. Complaint of storage of paints, etc., yard No. 1107 Second avenue. To Inspector of Combustibles.

Filed.

Summons and complaint from Finance Department, of McNally Brothers against The City of New York, and of James Carroll against The City of New York. With instructions to furnish the information. Report of Foreman in Charge of Repair Shops that grates-bars have been furnished the engine on Blackwell's Island at the request of Department of Charities. Report of R. E. Bailie, of death of retired Fireman James Gounod, and requesting information as to annuity. Communication from I. Wisenshausen calling attention to meritorious conduct of citizens named at fire No. 66 Nassau street. Request of General Purchasing Agent, Atchison, Topeka and Santa Fe Railroad, for information as to test of fire-extinguishing powder. Communication from Chief of Department, returning request of United States Fire and Police Telegraph Company, Boston, for return of keyless doors and extension of time on contract, with recommendation. Approved.

APPOINTED.

Thomas J. Shandley, as Ununiformed Fireman on probation, at rate of \$800 per annum, from 29th instant. William H. Stevens, Temporary Oil Collector, as Cashier, Boroughs of Brooklyn and Queens, at \$4,500 per annum, from 1st proximo.

DISCHARGED.

John J. Boylan, Machinist, Repair Shops, from 5 P. M. 31st instant.

RE-EMPLOYED.

In accordance with Regulation 43, Municipal Civil Service Regulations: John Thompson, as Machinist at Repair Shops, at \$3 per diem, from 1st proximo.

MARCH 29, 1898.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Referred.

Reports of reinspection of Orphan Asylum, Fifty-ninth street and Lexington avenue, and Crook's Hotel, No. 114 Park Row. To Assistant Corporation Counsel, Bureau for Recovery of Penalties. Reports of violations of law (chimney fires), Boroughs of Manhattan and Brooklyn. Back, to enforce collection of penalties. Report of Fire Marshal on lodging house No. 105 Bowers. Back, with information that same has been communicated to Department of Buildings. Report of Fire Marshal of inspection of bakery Nos. 56 and 58 Oliver street. Back, with information that same has been communicated to Health Department. Complaint of A. R. Freedman of inflammable material stored in cellar and of obstructed fire-escapes, No. 263 Rivington street. To the Inspector of Combustibles for examination and report.

Filed.

Report of operations Bureau of Fire Marshal, Boroughs of Brooklyn and Queens, January 1 to March 26. Claim of Old Dominion Steamship Company for damage to Pier 26, North river, by fireboat "Zephyr Mills." Request of Assistant Corporation Counsel, Bureau for Recovery of Penalties, for reinspection of premises charged with violation electrical rules. Noted that said matter is under the jurisdiction of the Department of Public Buildings, Lighting and Supplies. Notice from Mayor's Office of hearing, 30th instant, on bill No. 695 for Clerk to sign warrants during absence of Commissioner. Communication from G. S. Wright, No. 267 Manhattan avenue, Brooklyn, for damage to window by fire apparatus.

EXPENDITURES AUTHORIZED.

Borough of Manhattan.

Table with 2 columns: Item, Amount. Lists expenditures for Manhattan.

Borough of Brooklyn and Queens.

Table with 2 columns: Item, Amount. Lists expenditures for Brooklyn and Queens.

BILLS AND PAY-ROLLS AUDITED.

Borough of Manhattan.

Table with 2 columns: Item, Amount. Lists audited bills for Manhattan.

APPOINTED.

Gustav Koch, as Ununiformed Fireman on probation, salary at rate of \$800 per annum, from 30th instant.

MARCH 30, 1898.

OPENING OF PROPOSALS.

Affidavit as to due publication in CITY RECORD and in the following Brooklyn papers: "Daily Eagle," "Standard Union," "Free Press and Zeitung," "Daily Times," and "Citizen"—of advertisements for supplies below mentioned, was read and filed, and approved forms of contract were submitted. Proposals were received as follows:

Table with 2 columns: Item, Amount. Lists received proposals.

Each with security deposit of \$200.

For Furnishing 1,000 Tons Anthracite Coal to the Boroughs of Brooklyn and Queens.

Table with 2 columns: Bidder Name and Amount. Includes J. J. Schmandeke (\$7,562 00), Bacon & Co. (7,076 00), and C. Olfman (7,714 00).

Each with security deposit of \$225.

For Furnishing Uniform Buttons.

Table with 2 columns: Bidder Name and Amount. Includes Waterbury Button Company (\$1,040 00).

With security deposit of \$50.

For Furnishing Badges and Badges.

Table with 2 columns: Bidder Name and Amount. Includes Lambert Brothers (\$1,000 00), Robert C. Opden (389 00), N. Stafford (906 00), American Supply Company (1,260 00), and Charles G. Braemar (762 50).

Each with security deposit of \$50.

The respective contracts were awarded to A. & C. Ferguson, J. F. Schmandeke, Waterbury Button Company and Charles G. Braemar (whose bids were the lowest), subject to the approval of their sureties by the Comptroller, to whom the bids were referred for action. The other proposals were filed.

TRIALS.

Thomas 1st grade Edwin C. Martha, Engine 16, "absent without leave." Found guilty and reprimanded. Fireman 1st grade Patrick J. Sutton, Engine 12, "absence without leave." Found guilty and fined three days' pay.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Referred.

Report of resignation of hotel No. 387 Fourth avenue. To Assistant Corporation Counsel, Bureau for Recovery of Penalties. Reports of chimney fires, No. 25 1/2 Kingsland avenue, Borough of Brooklyn; No. 231 Herald way, No. 45 Sullivan street and No. 348 East Eighth street. To Inspector of Combustibles. Recommendation of Inspector of Combustibles for revocation of penalties for chimney fires, Borough of Brooklyn. Hook. Approved. Request of Assistant Corporation Counsel, Bureau for Recovery of Penalties, for reinspection of premises No. 2274 Eighth avenue and Nos. 414 and 416 East Twenty-third street. To Chief of Department for reinspection and report. Complaint of travelers being taken to and from No. 118 East Thirty-fifth street. To Inspector of Combustibles. Complaint of Mrs. Frenkelman, of obstructed fire-escapes, No. 964 Kewington street. To Chief of Police. Complaint of Max Oros of lack of fire-escapes at No. 322 East Fourth street. To Department of Buildings. Report from Manhattan Railway Company in attack wires on Third avenue structure, from Ninety-sixth to One Hundredth streets. To Chief of Department.

Filed.

Request from Assistant Corporation Counsel, Bureau for Recovery of Penalties, for instructions as to complaints against Henry Moses for violation of electrical rules. Communications from Corporation Counsel, returning, with his approval as to form indented thereon, forms of contract for three hook and ladder trucks and two chemical engines and approved plans of proposed contracts for altering and repairing quarters of Engine 5, and erecting building at One Hundred and Fifty-ninth street and Railroad avenue. Request from John J. McCook, for information as to various apparatus for fire alarms and telephones. The Secretary to answer. Communication from Durbett & Anderson, attorneys for United States Fire and Police Telegraph Company, Boston, stating that they have made arrangements to have keyless doors returned to factory. Chief of Department notified. Receipt from Finance Department for security deposits received with proposals opened this day.

Under Order.

Application of Fireman Andrew Munn, Hook and Ladder 11, for promotion to rank of Assistant Foreman.

EXPENDITURE AUTHORIZED.

Table with 2 columns: Description and Amount. Includes Carpenter-work, quarters Hook and Ladder 6 (\$67 00).

APPOINTED.

James F. Reilly, as Purchasing Agent for the Boroughs of Manhattan, The Bronx, Richmond, Brooklyn and Queens, with salary of \$2,400 per annum from 1st provision. Ordered, That the horsehoisting for Engine 8 and Hook and Ladder 2 be hereafter done by John J. Clark, No. 900 First avenue.

MARCH 31, 1898.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Referred.

Report of chimney fire, No. 474 West Seventeenth street. To Inspector of Combustibles. Complaint against Fireman, Engine 17. To Chief of Department for investigation and action.

Filed.

Communication from Deputy Commissioner, Boroughs of Brooklyn and Queens, returning with report, recommendation of Chief of Department that application be made to Sinking Fund Commission for premises on Fourth avenue, Borough of Brooklyn, for fire-alarm telegraph purposes. Application approved. Report of Boston Wagon Hose and Rubber Company of failure to deliver hose according to contract. Notified to deliver hose. Request from Assistant Corporation Counsel, Bureau for Recovery of Penalties, for instructions in relation to collection of penalties for violations at premises No. 278 Third avenue, and Home for Blind, One Hundred and Fourth street and Amsterdam avenue. Cases to be discontinued. Agreement with New York Telephone Company for telephone service. Copy ordered forwarded Finance Department. Communication from Chief of Department of March 7, 1898, relative to site for Department purposes, northwest corner Seventeenth street and Amsterdam avenue.

EXPENDITURE AUTHORIZED.

Table with 2 columns: Description and Amount. Includes Coal and wood, Boroughs of Brooklyn and Queens (\$950 00).

APPOINTED.

as fourth-grade Firemen, with salary of \$800 per annum, from 1st provision: John Ferguson, Engine 5; William M. Kraft, Engine 20; Robert McGinn, Engine 29; Thomas O'Flaherty, Engine 31; J. Francis Ryan, Engine 31; John T. Conway, Engine 33; William H. Hess, Hook and Ladder 5; Daniel F. Sanders, Hook and Ladder 9; Henry C. Dalley, Hook and Ladder 18. From 2d provision: Charles Hegmann, Hook and Ladder 20.

POSITION ABOLISHED.

License Fee Collector, Bureau of Combustibles, Boroughs of Brooklyn and Queens, from 4 p. m. this date, and Revilo Wells. John E. James, Henry G. Ludder, William H. Butler and Charles Miller discharged.

APRIL 1, 1898.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Referred.

Communication from Department of Docks and Ferries, stating that application to erect 2-story structure, pier 55, East river, for officers and men of new fireboats, had been referred to Corporation Counsel for advice as to its authority to grant permit. To Chief of Department. Application of New York Telephone Company for permission to erect pole line on Cedar avenue, between Sedgwick avenue and One Hundred and Seventy-seventh street and to substitute heavier poles. To Chief of Department.

Report of Hoppin & Koen, architects, that new Engine-house No. 31 West Forty-third street is completed, and request for instructions in regard to overtime raised by contractor for completion of work. To Chief of Department.

Application of E. B. Conolly's Son for an extension of sixty days for completion of new Engine-house No. 33 West Forty-third street. To Chief of Department.

Complaint of Slawson & Hobbs of incumbrance at No. 2113 Eighth avenue. To Chief of Department.

Complaint of A. R. Maxwell, of inflammable material and insufficient water supply at No. 422 Columbus avenue. To Department of Water Supply.

Report of chimney fire at No. 1103 Third avenue. To Inspector of Combustibles.

Communication from Finance Department, returning proposal of Waterbury Button Company for substitution of United States Fidelity and Guarantee Company, in place of W. R. Keyes, as a surety thereon. Substitution granted.

Communication from Crosswell Steamship Company, thanking the Department for services at fire, Pier 9, North river, on 9th ultimo, and commending Chief of Battalion Kruger and Captain Braisted for their conduct on that occasion. The Chief of Department and officers mentioned notified.

Communication from "D. Clement's Band," offering to furnish music to Department when required.

Application of Charles W. Arns for fire-line badge.

Communication from Municipal Civil Service Commission, stating that applicants for reinstatement under Regulation 43 must undergo examination.

List of probationary men who have completed term of service, School of Instruction, forwarded by Chief Instructor.

Notification from the Chief of Department that the services of an additional Cable Splicer and an additional Climber are required. Civil Service Commission asked for list of names.

Communication from Chief of Department reporting that fire-alarm posts on Broadway are incumbered with signs announcing Charter Day celebration. Committee in charge notified that this is in violation of section 729, chapter 378, Laws of 1897, and that signs must be removed.

Communication from Chief of Department, forwarding report of Chief of Fourth Battalion William J. Cook, he placed on Roll of Merit for meritorious services unattended with personal risk. Recommendation approved.

Inventory submitted by Chief of Department of property on hand December 31, 1897, Fire-alarm Telegraph branch, Borough of Brooklyn.

Application of Engineer Charles E. Bengel, Engine 48, for retirement on half-pay after twenty years' service; forwarded approved by Chief of Department. Retirement ordered from 5th inst.

Communication from Fire Marshal, submitting letter from Samuel S. Blood, Hotel Kensington, commending the Department for its services at the fire in the Hanover Apartment House.

PAY-ROLLS ADDED, Borough of Manhattan.

Table with 2 columns: Description and Amount. Includes Schedule 11 of 1898 - Salaries (\$174,022 04).

A trial balance sheet of the accounts of the Department for the month ending March 31, 1898, was transmitted to his Honor the Mayor.

DISMISSALS.

Assistant Secretary, from 4 o'clock this P. M., and John K. Shields, the incumbent, discharged.

RE-EMPLOYED.

In accordance with Regulation 43, Municipal Civil Service Regulations: Robert Barblan, as Climber, at \$2 per day; John J. Keenan, as Machinist, Repale Shops, at \$3 per day.

APPOINTED.

Andrew Gowan, Temporary Assistant Fire Marshal, at \$1,500 per annum, Borough of Manhattan. Thomas F. Morris and James Madden, as Temporary Oil Collectors, Boroughs of Brooklyn and Queens, at \$1,000 per annum.

APRIL 2, 1898.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Referred.

Requisition from Buildings Superintendent for \$300 for incidental expenses for balance of year 1898. To the Bookkeeper. Report of reinspection of Mount Sinai Hospital. To Assistant Corporation Counsel, Bureau for the Recovery of Penalties.

Communication from West Morrisania Property Owners' Association in reference to building for a new engine-house at One Hundred and Fifty-ninth street and Railroad avenue. To Buildings Superintendent.

Filed.

Communication from Corporation Counsel returning, with approval as to form indented thereon, forms of contracts for furnishing two fourth-size "Ameskeag" steam fire-engines, two third-size steel frame hook and ladder trucks, two first-size hose-wagons and for keyless ladders and altering fire-alarm boxes.

Report of Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond, for week ending this day.

Report of Chief of Second Battalion of death of Fireman 1st grade Daniel J. Drew, Engine 32.

EXPENDITURES AUTHORIZED, Borough of Manhattan.

Table with 2 columns: Description and Amount. Includes Sockets and hydrant connections (\$571 00), Set double harness (85 89), 2 sets modern telegraph apparatus (200 00).

Boroughs of Brooklyn and Queens.

Table with 2 columns: Description and Amount. Includes Brooms, brushes and cuspidors (\$213 45), Supplies (201 47), Bed sheets, pillow slips, counterpanes (887 50), Steel hose collars (576 00), Ice and water-coolers (50 00), 3 stamping sets (50 00).

APPOINTED.

Albert W. Ott, Temporary Assistant Fire Marshal, Borough of Manhattan, at \$1,350 per annum.

RESIGNATION.

Surveyor Harry B. Strachan, Bureau of Combustibles.

LEAVE OF ABSENCE.

Granted Stenographer and Typewriter George C. Suttan, Headquarters, until 23d inst.

DETAILED.

Stenographer and Typewriter Charles A. Bauer, Fire-alarm Branch, Bureau Chief of Department, until otherwise ordered.

INCREASE OF SALARY.

Temporary Assistant Storekeeper John H. Springer, to \$1,200 per annum, from \$1,000. AUGUSTUS T. DOCHARTY, Secretary.

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES.

CITY OF NEW YORK, DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, COMMISSIONER'S OFFICE, NO. 346 BROADWAY, April 9, 1898.

In accordance with provisions of section 1545, chapter 378 of Laws of 1897, the Department of Public Buildings, Lighting and Supplies makes the following report of its transactions for the week ending April 2, 1898:

Public Lamps.

Table with 2 columns: Description and Amount. Includes 3 new lamps erected and lighted, 48 lamp-posts straightened, 1 column refitted, 20 columns reloaded, 9 service-pipes refitted, 9 stand-pipes refitted.



CHANGES IN FORCE.
BOROUGH OF MANHATTAN AND THE BRONX.

Table listing appointments and removals for Borough of Manhattan and The Bronx, including positions like Foreman of Movers, Fireman, Carpenters, and Plumber.

Table listing appointments and removals for Borough of Queens, including positions like Janitor and Janitors.

DEPARTMENT OF WATER SUPPLY.

The Department of Water Supply hereby publishes, in compliance with section 513, chapter 378, Laws of 1897, the following abstract of the expenditures made and the liabilities incurred during the month of March, 1898:

Table showing expenditures for March 1898 and liabilities for March 1898, categorized by items like Pay-rolls, Taxes, Car-fares, and Supplies.

DEPARTMENT OF PARKS.

City of New York, Department of Parks, The Arsenal, Central Park, April 11, 1898. Supervisor of the City Record: DEAR SIR—Pursuant to section 1546, chapter 378, Laws of 1897, I hereby notify you...

from the Department of Highways, Borough of The Bronx, to the Department of Parks, Borough of the Bronx. The compensation of Philip A. Moore, Foreman, has been fixed at \$100 per month.

EXECUTIVE DEPARTMENT.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled AN ACT to amend chapter one hundred and seventy-two of the Laws of eighteen hundred and ninety, relating to the Brooklyn Institute of Arts and Sciences.

DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS, BOROUGHS OF MANHATTAN AND THE BRONX, No. 220 FORTTH AVENUE, NEW YORK, April 11, 1898. Supervisor of the City Record: DEAR SIR—In accordance with the requirements of section 1546 of chapter 378, Laws of 1897, I hereby notify you of the following:

MUNICIPAL ASSEMBLY.

OFFICE OF THE BOARD OF ALDERMEN, No. 8 CITY HALL, NEW YORK, April 11, 1898. SUPERVISOR OF THE CITY RECORD: SIR—Notice is hereby given that there will be a meeting of the Aldermanic Committee on Law Department on Wednesday, April 13, 1898, at 1 o'clock P.M.

CITY CLERK.

CITY OF NEW YORK, OFFICE OF THE CITY CLERK, CITY HALL, April 5, 1898. SUPERVISOR OF THE CITY RECORD: SIR—Pursuant to the provisions of section 1528, chapter 378, Laws of 1897, I hereby notify you of the following appointment:

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts:

EXECUTIVE DEPARTMENT. Mayor's Office. No. 6 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M. ROBERT A. VAN WYCK, Mayor.

AQUEDUCT COMMISSIONERS. Room 200, Stewart Building, 5th floor, 9 A. M. to 4 P. M. PETER J. DUNLAP, MAJOR J. POWER, WILLIAM H. TEEB, CHAS. H. MURRAY, and THE MAYOR, and COMPTROLLER, Commissioners; HARRY W. WELSON, Secretary; A. FOLEY, Chief Engineer.

COMMISSIONERS OF ACCOUNTS. Rooms 112 and 113, Stewart Building, 9 A. M. to 4 P. M. JOHN C. HEERLE and EDWARD OWEN.

BOARD OF ARMORY COMMISSIONERS. THE MAYOR, Chairman; PATRICK DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary. Address THOMAS L. FRETNEY, Stewart Building. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

MUNICIPAL ASSEMBLY. THE COUNCIL. REYNOLD GRIGOROFFSKY, President of the Council; P. J. SCULLY, City Clerk. Clerk's office open from 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

BOARD OF ALDERMEN. THOMAS F. WOODS, President. MICHAEL F. BLAKE, Clerk.

BOROUGH PRESIDENTS. Borough of Manhattan. Office of the President of the Borough of Manhattan, Nos. 10, 11 and 12, City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Borough of the Bronx. Office of the President of the Borough of the Bronx, corner Third avenue and One Hundred and Seventy-seventh street, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Borough of Queens. FREDERICK BOSSLEY, President. Office, Long Island City, 9 A. M. until 4 P. M.; Saturday, from 9 A. M. until 12 M.

Borough of Richmond. JAMES P. MORGAN, President. Office, 265 and 267 Broadway, 9 A. M. to 4 P. M.

BOARD OF PUBLIC IMPROVEMENTS. No. 346 Broadway, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M. MAURICE F. HOLAHAN, President.

Department of Highways. No. 120 Nassau street, 9 A. M. to 4 P. M. JAMES P. KRATTEN, Commissioner of Highways.

Department of Sewers. Nos. 265 and 267 Broadway, 9 A. M. to 4 P. M. JAMES KANE, Commissioner of Sewers.

Department of Water Supply. No. 120 Nassau street, 9 A. M. to 4 P. M. WILLIAM DALTON, Commissioner of Water Supply.

Department of Buildings. Room 377, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Department of Parks. No. 146 Grand street, Borough of Manhattan. CHARLES BUCKLEY HUTCHILL, President; A. EMERSON PALMER, Secretary.

Department of Education. Board of Education. No. 146 Grand street, Borough of Manhattan.

Department of Public Charities. Central Office. No. 27 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.

Department of Correction. Central Office. No. 148 East Twentieth street, 9 A. M. to 4 P. M.

Department of Fire. Office hours for all, except where otherwise noted, from 9 A. M. to 4 P. M.; Saturdays, 12 M.

Department of Finance. Comptroller's Office. Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M. BIRD S. COLVER, Comptroller.

Department of Public Charities. Central Office. No. 27 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.

Department of Correction. Central Office. No. 148 East Twentieth street, 9 A. M. to 4 P. M.

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Department of Fire. Office hours for all, except where otherwise noted, from 9 A. M. to 4 P. M.; Saturdays, 12 M.









No bid or estimate will be considered unless accompanied by either a certified check upon one of the National banks of the City of New York...

All parties and persons interested in the real estate to be taken for the purpose of opening the said street in Avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment...

- No. 1. FOR BUILDING A FRAME MONKEY-HOUSE NEAR ARSENAL IN CENTRAL PARK BOROUGHS OF MANHATTAN. No. 2. FOR FURNISHING AND DELIVERING TOMPER'S COVE BLUESTONE SCREENING ON RIVERSIDE PARK...

The contractors to be big for separately. The estimates of the works to be done and by which the bids will be tested are as follows:

Should the person or persons to whom the contract may be awarded decline to accept the same within five days after written notice that the same has been awarded to him or their law or legal agent, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it...

Dated New York, April 12, 1898. EMMANUEL BLUMENFELD, J. BARRY LOUNSBERRY, ALBERT SANDERS, Commissioners.

The above materials to be delivered, as required, at the Prospect Park Work-shops, Borough of Brooklyn. The amount of security required is Five Hundred Dollars.

No. 1. ABOVE MENTIONED. 800 linear feet of thirty-inch pipe-sewer, including concrete foundation and grade; also manholes complete, and branch pipes for connections, etc.

Should the person or persons to whom the contract may be awarded decline to accept the same within five days after written notice that the same has been awarded to him or their law or legal agent, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it...

JOHN P. DAVIS, Clerk. FIRST DEPARTMENT.

No. 2. ABOVE MENTIONED. 150 cubic yards of Tonghain's best bluestone screenings to be delivered as required on the upper portion of Riverside Park.

No. 2. ABOVE MENTIONED. 150 cubic yards of Tonghain's best bluestone screenings to be delivered as required on the upper portion of Riverside Park.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Notices are hereby given that the bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for payment to one of the Justices of the Supreme Court, First Department, at a Special Term thereof, Part 1, to be held in and for the County of New York at the New York County Court-house in the City of New York...

JOHN P. DAVIS, Clerk. THIRD DEPARTMENT.

No. 3. ABOVE MENTIONED. 450 cubic yards of Tonghain's best bluestone screenings to be delivered as required on the upper portion of Riverside Park.

No. 3. ABOVE MENTIONED. 450 cubic yards of Tonghain's best bluestone screenings to be delivered as required on the upper portion of Riverside Park.

Should the person or persons to whom the contract may be awarded decline to accept the same within five days after written notice that the same has been awarded to him or their law or legal agent, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it...

JOHN P. DAVIS, Clerk.

No. 4. ABOVE MENTIONED. 2500 square yards of macadam pavement, 20 cubic yards of dry rubble masonry in culverts, 6000 pounds of vitrified stoneware pipe in place, 100 square yards rubble or rubble stone pavement in gutters.

No. 4. ABOVE MENTIONED. 2500 square yards of macadam pavement, 20 cubic yards of dry rubble masonry in culverts, 6000 pounds of vitrified stoneware pipe in place, 100 square yards rubble or rubble stone pavement in gutters.

Should the person or persons to whom the contract may be awarded decline to accept the same within five days after written notice that the same has been awarded to him or their law or legal agent, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it...

JOHN P. DAVIS, Clerk.

No. 5. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

No. 5. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

Should the person or persons to whom the contract may be awarded decline to accept the same within five days after written notice that the same has been awarded to him or their law or legal agent, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it...

JOHN P. DAVIS, Clerk.

No. 6. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

No. 6. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

DEPARTMENT OF STREET CLEANING.

Persons having bills to file, in the streets of New York City, are hereby notified that the same will be presented to one of the Justices of the Supreme Court, First Department, at a Special Term thereof, Part 1, to be held in and for the County of New York at the New York County Court-house in the City of New York...

JOHN P. DAVIS, Clerk.

No. 7. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

No. 7. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

DAMAGE COMM.—23-24 WARDS.

Pursuant to the provisions of chapter 127 of the laws of this city, entitled "An act providing for maintaining and paying the amount of damages to lands and buildings injured by reason of the opening of streets or avenues, and for the payment of the same," notice is hereby given that public meetings of the Commissioners appointed pursuant to said act will be held at Room 25, 5-Dorchester-Building, No. 25 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P.M., and further notice.

JOHN P. DAVIS, Clerk.

No. 8. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

No. 8. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

SUPREME COURT.

In the matter of the application of the Mayor, Aldermen and Community of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and improvements required for the purpose of opening East One Hundred and Sixty-Second Street (although not yet named by proper authority), from Tenants existing in the neighborhood of the Grand Boulevard and Courtiers at Wilson Avenue, in the City of New York...

JOHN P. DAVIS, Clerk.

No. 9. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

No. 9. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

Notices are hereby given that the bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for payment to one of the Justices of the Supreme Court, First Department, at a Special Term thereof, Part 1, to be held in and for the County of New York at the New York County Court-house in the City of New York...

JOHN P. DAVIS, Clerk.

No. 10. ABOVE MENTIONED. 1000 cubic yards of macadam pavement, 1000 cubic yards of dry rubble masonry in culverts, 10000 pounds of vitrified stoneware pipe in place, 200 square yards rubble or rubble stone pavement in gutters.

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