

# THE CITY RECORD.

## OFFICIAL JOURNAL.

VOL. XXVI.

NEW YORK, WEDNESDAY, APRIL 13, 1898.

NUMBER 7,581.



### 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 260, 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 transacting such business as may be brought before the Board.

ROBT. A. VAN WYCK, Mayor.

(CONTINUED.)

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

ROBT. A. VAN WYCK, Mayor.

JOHN S. COLE, Comptroller.

JOHN WHALEN, Corporation Counsel.

RANDOLPH GUGGENBOMER, President of the Council.

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

Present—Robert A. Van Wyck, the Mayor; John S. Cole, the Comptroller; John Whalen, the Corporation Counsel; Randolph Guggenbomer, the President of the Council; Thos. L. Feiner, 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 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:

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 \$62,636.46; 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, } County Judges, Kings County.  
WM. B. HURD, Jr. }

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

|  | Per annum.  |
|--|-------------|
| Joseph Aspinall, County Judge                                  | \$10,000 00 |
| William H. Hunt, Jr., County Judge                             | 10,000 00   |
| Charles Y. Van Doren, Deputy and Chief Clerk                   | 3,300 00    |
| John D. 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 Hemstreet, 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. Kauffmann, 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 F. Childs, Officer, Acting Clerk                      | 1,500 00    |
| Twenty-four (24) Court Attendants, twelve hundred dollars each | 28,800 00   |
|  | \$90,700 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   |
|                           | \$90,700 00 |

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:

COUNTY COURT, KINGS COUNTY.

|  |             |
|--|-------------|
| Salaries—                              |             |
| Salaries of 2 Judges, at \$10,000 each | \$20,000 00 |
| Salaries of Clerks and Employees       | 70,700 00   |
|  | \$90,700 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.

JOHN BRIDGES, 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                           | \$2,000 00        | \$2,000 00         |
| Deputy                              | 1,000 00          | 1,000 00           |
| Chief Accountant, Assistant         | 2,800 00          | 2,500 00           |
| Assistant Bookkeeper                | 1,500 00          | 1,500 00           |
| Chief Clerk                         | 2,000 00          | 2,000 00           |
| Tax Clerk                           | 2,000 00          | 2,000 00           |
| Tax Clerk, ready a Jury Clerk       | 1,800 00          | 1,200 00           |
| Jury Clerk                          | 1,500 00          | 2,500 00           |
|                                     | \$20,300 00       | \$17,500 00        |
| Contingent and General Expense Fund | \$20 00           | 1,100 00           |
|                                     | \$20,320 00       | \$18,600 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           | \$16,955 00 |
| Increase in 1897 over 1896           | 23,835 00   |
| Estimated increase in 1898 over 1897 | 3,080 00    |



|   |   |
|---|---|
| Number of courts in 1895—1 County, 1 Circuit, 1 City..... | 3 |
| Number of courts in 1896—2 County, 4 Supreme Parts.....   | 6 |
| Number of courts in 1897—2 County, 5 Supreme Parts.....   | 7 |

|   |            |
|---|------------|
| Jurors' fees paid for week ending January 3, 1898.....  | \$2,076 00 |
| Jurors' fees paid for week ending January 15, 1898..... | 3,072 00   |
| Jurors' fees paid for week ending January 22, 1898..... | 2,780 00   |

Three weeks' total..... \$8,454 00

#### County Taxes, Taxes Collected for 1897.

|               |             |                |             |
|---------------|-------------|----------------|-------------|
| Month.....    | Amount..... | Month.....     | Amount..... |
| January.....  | \$2,728 64  | August.....    | \$1,879 34  |
| February..... | 658 20      | September..... | 2,159 41    |
| March.....    | 658 70      | October.....   | 1,250 33    |
| April.....    | 1,302 04    | November.....  | 2,207 04    |
| May.....      | 1,093 86    | December.....  | 1,244 32    |
| June.....     | 2,753 49    |                |             |
| July.....     | 928 15      |                |             |
|               |             |                | \$11,874 23 |

From January 1 to 21, 1898..... \$1,628 80

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, be and the same are hereby, in part, appropriated and apportioned as follows:

#### KINGS COUNTY TREASURER.

|                          |             |
|--------------------------|-------------|
| Salaries—                |             |
| Salary of Treasurer..... | \$5,000 00  |
| " Deputy Treasurer.....  | 3,600 00    |
| " Assistant.....         | 2,800 00    |
| " Clerk.....             | 1,800 00    |
| " Jury Clerk.....        | 1,600 00    |
|                          | \$14,800 00 |

Contingents..... 200 00

\$15,000 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 PUBLIC CHARITIES, COMMISSIONER'S OFFICE, No. 66 THIRD AVENUE, NEW YORK, January 25, 1898.

To the Honorable Board of Estimate and Apportionment:  
GENTLEMEN—I have the honor to submit herewith an estimate of the moneys needed to conduct the Department of Public Charities for the year 1898.

Respectfully,  
JOHN W. KELLER, President.

#### GRAND TOTAL.

|                               |                |
|-------------------------------|----------------|
| Manhattan and Ten Broeck..... | \$1,326,139 43 |
| Brooklyn and Queens.....      | 761,000 00     |
| Richmond.....                 | 38,576 00      |
| Total.....                    | \$2,125,715 43 |

#### Comparative Statement.

|   | Amount for 1897. | Amount for 1898. | Amount for 1899. | Amount for 1900. | Difference between 1897 and 1900. |
|---|------------------|------------------|------------------|------------------|-----------------------------------|
| Salaries.....                                     | \$1,000 00       | \$1,000 00       | \$1,000 00       | \$1,000 00       | \$0 00                            |
| Supplies.....                                     | 75,000 00        | 221,000 00       | 200,000 00       | 175,000 00       | \$95,000 00                       |
| Alterations, Repairs, etc.....                    | 20,000 00        | 15,000 00        | 20,000 00        | 25,000 00        | \$5,000 00                        |
| Transportation.....                               | 10,000 00        | 15,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Coal, Gas, Water, Fuel.....                       | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Hour Allow. Blind.....                            | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Disbursements to G. A. R. Veterans.....           | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Longage—House for Humane Men.....                 | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Clothing for Inmate Patients.....                 | 2,000 00         | 10,000 00        | 10,000 00        | 10,000 00        | \$8,000 00                        |
| Beds, Furniture and Heating.....                  | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Beds, Government Hospitals.....                   | 1,000 00         | 1,000 00         | 1,000 00         | 1,000 00         | \$0 00                            |
| Repairing Sea Wall, Manhattan.....                | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| New Almshouse, Harlem, Man.....                   | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Clothing for Epileptics sent to Craig Colony..... | 10,000 00        | 10,000 00        | 10,000 00        | 10,000 00        | \$0 00                            |
| Totals.....                                       | \$1,000 00       | \$1,000 00       | \$1,000 00       | \$1,000 00       | \$0 00                            |

#### Reimbursement.

|                                      | SALARY.    | AMOUNT FOR 1897. | AMOUNT FOR 1898. |
|--------------------------------------|------------|------------------|------------------|
| Commissioners.....                   | \$1,000 00 | \$7,000 00       | \$10,000 00      |
| Secretary to Board.....              | 1,000 00   | 1,000 00         | 1,000 00         |
| Central Office.....                  | 1,000 00   | 1,000 00         | 1,000 00         |
| Out-Door Pro.....                    | 1,000 00   | 1,000 00         | 1,000 00         |
| Bellevue Dispensary.....             | 1,000 00   | 1,000 00         | 1,000 00         |
| Examiners of Dependent Children..... | 1,000 00   | 1,000 00         | 1,000 00         |
| Central Office Scales.....           | 1,000 00   | 1,000 00         | 1,000 00         |
| Stony Department.....                | 1,000 00   | 1,000 00         | 1,000 00         |
| General Drug Department.....         | 1,000 00   | 1,000 00         | 1,000 00         |
| Seamstresses.....                    | 1,000 00   | 1,000 00         | 1,000 00         |
| Bellevue Hospital.....               | 1,000 00   | 1,000 00         | 1,000 00         |
| Male Training School.....            | 1,000 00   | 1,000 00         | 1,000 00         |
| Government Hospital.....             | 1,000 00   | 1,000 00         | 1,000 00         |
| Harlem Hospital.....                 | 1,000 00   | 1,000 00         | 1,000 00         |
| Fordham Hospital.....                | 1,000 00   | 1,000 00         | 1,000 00         |

| INSTITUTIONS.                              | SALARY.     | AMOUNT FOR 1897. | AMOUNT FOR 1898. |
|--|-------------|------------------|------------------|
| City Hospital.....                         | \$1,000 00  | \$7,000 00       | \$10,000 00      |
| New York City Training School.....         | 1,000 00    | 1,000 00         | 1,000 00         |
| Albany.....                                | 1,000 00    | 1,000 00         | 1,000 00         |
| Incurable Hospital.....                    | 1,000 00    | 1,000 00         | 1,000 00         |
| Metropolitan Hospital.....                 | 1,000 00    | 1,000 00         | 1,000 00         |
| Randall's Island Hospital and Schools..... | 1,000 00    | 1,000 00         | 1,000 00         |
| Infants' Hospital.....                     | 1,000 00    | 1,000 00         | 1,000 00         |
|  | \$10,000 00 | \$70,000 00      | \$100,000 00     |

#### Commissioners.

| 1897.                                  | SALARY PER ANNUM. | 1898.                      | SALARY PER ANNUM. |
|--|-------------------|----------------------------|-------------------|
| 2 Commissioners, at \$25,000 each..... | \$50,000 00       | 2 Commissioners.....       | \$50,000 00       |
|  |                   | 1 Deputy Commissioner..... | 5,000 00          |

#### Secretary.

|                               |            |
|-------------------------------|------------|
| 1 Secretary to the Board..... | \$3,500 00 |
|-------------------------------|------------|

#### Central Office.

| DESIGNATION, POSITION, DECEMBER, 1897. | SALARY.     | POSITION INCREASE. | ADDITIONAL FORCE. | SALARY. | AMOUNT FOR 1897.                   | AMOUNT FOR 1898. |
|--|-------------|--------------------|-------------------|---------|------------------------------------|------------------|
| 1 Secretary.....                       | \$4,000 00  | Abolished.....     |                   |         | \$4,000 00                         | \$0 00           |
| 1 General Bookkeeper and Auditor.....  | 1,000 00    |                    |                   |         | 1,000 00                           | 1,000 00         |
| 1 Census Clerk.....                    | 1,000 00    |                    |                   |         | 1,000 00                           | 1,000 00         |
| 1 Receiving Clerk.....                 | 1,000 00    |                    |                   |         | 1,000 00                           | 1,000 00         |
| 1 Assistant Purchasing Agent.....      | 1,000 00    |                    |                   |         | 1,000 00                           | 1,000 00         |
| 1 Clerk to Purchasing Agent.....       | 1,000 00    |                    |                   |         | 1,000 00                           | 1,000 00         |
| 1 Index and File Clerk.....            | 500 00      |                    |                   |         | 500 00                             | 500 00           |
| 1 Office Boy.....                      | 500 00      |                    |                   |         | 500 00                             | 500 00           |
| 1 Stenographer and Typewriter.....     | 500 00      |                    |                   |         | 500 00                             | 500 00           |
| 1 Executive Clerk.....                 | 1,000 00    |                    |                   |         | 1,000 00                           | 1,000 00         |
| 1 Treasury Clerk.....                  | 500 00      |                    |                   |         | 500 00                             | 500 00           |
| 1 Purchasing Agent.....                | Vacant..... |                    |                   |         | 5,000 00                           | 1,000 00         |
| General Hospital Inspector.....        | Vacant..... |                    |                   |         | 5,000 00                           | 1,000 00         |
|  |             |                    |                   |         | 1 Private Secretary.....           | \$2,000 00       |
|  |             |                    |                   |         | 1 Clerk.....                       | 500 00           |
|  |             |                    |                   |         | 1 Stenographer and Typewriter..... | 500 00           |
|  | \$143 00 00 |                    |                   |         |                                    | \$44,700 00      |

#### Out-Door Force.

| DESIGNATION, POSITION, DECEMBER, 1897. | SALARY.     | POSITION INCREASE. | ADDITIONAL FORCE. | SALARY. | AMOUNT FOR 1897.  | AMOUNT FOR 1898. |
|--|-------------|--------------------|-------------------|---------|-------------------|------------------|
| 1 Superintendent.....                  | \$2,400 00  |                    |                   |         | \$2,400 00        | \$2,400 00       |
| 1 Visitor at Large.....                | 1,100 00    |                    |                   |         | 1,100 00          | 1,100 00         |
| 1 Issuer of Permits.....               | 1,000 00    |                    |                   |         | 1,000 00          | 1,000 00         |
| 1 Clerk.....                           | 1,000 00    |                    |                   |         | 1,000 00          | 1,000 00         |
| 1 Mail Carrier.....                    | 100 00      |                    |                   |         | 100 00            | 100 00           |
| 1 Clerk.....                           | 500 00      |                    |                   |         | 500 00            | 500 00           |
| 1 Fireman.....                         | 100 00      |                    |                   |         | 100 00            | 100 00           |
| 1 Driver.....                          | 1,000 00    |                    |                   |         | 1,000 00          | 1,000 00         |
| 1 Driver.....                          | 500 00      |                    |                   |         | 500 00            | 500 00           |
| 1 Drivers, at \$240 each.....          | 2,880 00    | 1 Abolished.....   |                   |         | (4) 960 00        | 1,920 00         |
| 1 Stenographer and Typewriter.....     | 500 00      |                    |                   |         | (1) 750 00        | 750 00           |
| 1 Visitor.....                         | 1,000 00    |                    |                   |         | 600 00            | 600 00           |
| 1 Hospital Outfit.....                 | 400 00      | Abolished.....     |                   |         | 800 00            | 1,000 00         |
| 1 Driver.....                          | 500 00      |                    |                   |         | 800 00            | 800 00           |
| 1 Visitor.....                         | 500 00      |                    |                   |         | 800 00            | 800 00           |
| 1 Visiting Quail.....                  | 1,000 00    |                    |                   |         | 1,000 00          | 1,000 00         |
|  |             |                    |                   |         | 1 Messenger.....  | 500 00           |
|  |             |                    |                   |         | 1 Office Boy..... | 300 00           |
|  |             |                    |                   |         | 1 Engineer.....   | 500 00           |
|  | \$15,880 00 |                    |                   |         |                   | \$15,460 00      |

#### Male Training School.

| DESIGNATION, POSITION, DECEMBER, 1897. | SALARY.    | POSITION INCREASE. | ADDITIONAL FORCE. | SALARY. | AMOUNT FOR 1897. | AMOUNT FOR 1898. |
|--|------------|--------------------|-------------------|---------|------------------|------------------|
| 1 Superintendent.....                  | \$2,000 00 |                    |                   |         | \$2,000 00       | \$2,000 00       |
| 1 Inspecting Nurse.....                | 800 00     |                    |                   |         | 800 00           | 800 00           |
| 1 Janitor.....                         | 400 00     |                    |                   |         | 400 00           | 400 00           |
| 14 Pupil Nurses, at \$144 each.....    | 2,016 00   |                    |                   |         | 2,016 00         | 2,450 00         |
| 14 Pupil Nurses, at \$144 each.....    | 2,016 00   |                    |                   |         | 2,016 00         | 2,450 00         |
| 1 Male Servant.....                    | 240 00     |                    |                   |         | 240 00           | 240 00           |
| 1 Landdress.....                       | 240 00     |                    |                   |         | 240 00           | 240 00           |





[illegible]

Government Hospital.

| EMPLOYEE, 1937<br>Designation. | 1937<br>Salary. | Previous<br>Paygrade. | Additional Force. | Salary. | 1938.                         |  |
|--------------------------------|-----------------|-----------------------|-------------------|---------|-------------------------------|--|
|                                |                 |                       |                   |         | Asked<br>for by Old<br>Board. | Asked for<br>by Com-<br>missioner<br>of Manu-<br>factures and<br>Bureau. |
|                                |                 |                       | Supervisory.      |         | \$1,200.00                    | 1,100.00   |
| Supervising Nurse.             | 1,200.00        |                       |                   |         | 1,200.00                      | 1,100.00   |
| Inspector.                     | 450.00          |                       |                   |         | 450.00                        | 450.00   |
| Apothecary.                    | 450.00          |                       |                   |         | 450.00                        | 450.00   |
| or Delivery, each \$450.       | 450.00          |                       |                   |         | 1,000.00                      | 1,000.00   |
| or Driver.                     | 350.00          |                       |                   |         | 350.00                        | 350.00   |
| Cook.                          | 350.00          |                       |                   |         | 350.00                        | 350.00   |
| Assistant Cook.                | 350.00          |                       |                   |         |                               | 100.00   |
| Hospital Delivery.             | 350.00          |                       |                   |         | 350.00                        | 350.00   |
| Waitress.                      | 350.00          |                       |                   |         | 350.00                        | 350.00   |
| Laundress.                     | 350.00          |                       |                   |         | 350.00                        | 350.00   |
| Assistant Laundress.           | 350.00          |                       |                   |         | 350.00                        | 350.00   |

## City Hospital.

| Designations<br>Positions<br>December, 1897. | SALARY.    | PROPOSED<br>INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR<br>1897. | ASKED FOR<br>BY COM-<br>MISSIO-NER,<br>1898. |
|--|------------|-----------------------|-------------------|---------|--------------------|--|
| 1 Superintendent .....                       | \$3,000 00 | .....                 | .....             | .....   | \$3,500 00         | \$3,500 00                                   |
| 1 Deputy Superintendent.                     | 1,500 00   | .....                 | .....             | .....   | 1,500 00           | 1,500 00                                     |
| 2 Supervising Nurses,<br>at \$1250 .....     | 1,500 00   | .....                 | .....             | .....   | 1,500 00           | 1,500 00                                     |
| 2 Supervising Night Nurse                    | 450 00     | .....                 | .....             | .....   | 450 00             | 450 00                                       |
| 1 Apothecary .....                           | 900 00     | .....                 | .....             | .....   | 900 00             | 900 00                                       |
| 1 Assistant Pathologist ..                   | 1,000 00   | .....                 | .....             | .....   | 1,000 00           | 1,000 00                                     |
| 2 Chaplains, at \$450 each.                  | 900 00     | .....                 | .....             | .....   | 900 00             | 900 00                                       |
| 3 Engineers .....                            | 900 00     | .....                 | .....             | .....   | 900 00             | 900 00                                       |
| 2 Assistant Engineers, at<br>\$720 .....     | 1,440 00   | .....                 | .....             | .....   | 1,440 00           | 1,440 00                                     |
| 2 Foreman .....                              | 300 00     | .....                 | .....             | .....   | 300 00             | 300 00                                       |
| 1 Skilled Laborer .....                      | 480 00     | .....                 | .....             | .....   | 480 00             | 480 00                                       |



| DESIGNATIONS, POSITIONS, DECISIONS, 1897. | SALARY.     | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR 1897. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. | DESIGNATIONS, POSITIONS, DECISIONS, 1897.   | 1897 SALARY. | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR BY OLD BOARD. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. |
|---|-------------|--------------------|-------------------|---------|-----------------|--|---|--------------|--------------------|-------------------|---------|-------------------------|--|
| Inspector.....                            | \$500.00    |                    |                   |         | \$500.00        | \$500.00                                     | Supervising Nurse.....                      | \$200.00     |                    |                   |         | \$200.00                | \$200.00                                     |
| Inspectors, at \$400 each.....            | 400.00      |                    |                   |         | 400.00          | 400.00                                       | Engineer.....                               | 700.00       |                    |                   |         | 700.00                  | 700.00                                       |
| Carpenter.....                            | 600.00      |                    |                   |         | 600.00          | 600.00                                       | Assistant Engineer.....                     | 700.00       |                    |                   |         | 700.00                  | 700.00                                       |
| Chief Cook.....                           | 500.00      |                    |                   |         | 500.00          | 500.00                                       | Apothecary.....                             | 600.00       |                    |                   |         | 600.00                  | 600.00                                       |
| Assistant Cook.....                       | 400.00      |                    |                   |         | 400.00          | 400.00                                       | Assessors Apothecary.....                   | 400.00       |                    |                   |         | 400.00                  | 400.00                                       |
| Doctor's Cook.....                        | 350.00      |                    |                   |         | 350.00          | 350.00                                       | Inspector.....                              | 500.00       |                    |                   |         | 500.00                  | 500.00                                       |
| Superintendent's Cook.....                | 240.00      |                    |                   |         | 240.00          | 240.00                                       | Male Hospital Orderly.....                  | 350.00       |                    |                   |         | 350.00                  | 350.00                                       |
| Skilled Helper.....                       | 480.00      |                    |                   |         | 480.00          | 480.00                                       | Night Watchman.....                         | 350.00       |                    |                   |         | 350.00                  | 350.00                                       |
| Skilled Helper.....                       | 240.00      |                    |                   |         | 240.00          | 240.00                                       | Female Hospital Orderly.....                | 350.00       |                    |                   |         | 350.00                  | 350.00                                       |
| Permanent Nurses, at \$1,200 each.....    | 1,200.00    |                    |                   |         | 1,200.00        | 1,200.00                                     | Firemen, at \$200 each.....                 | 1,500.00     |                    |                   |         | 1,500.00                | 1,500.00                                     |
| Permanent Orderlies, at \$400 each.....   | 400.00      |                    |                   |         | 400.00          | 400.00                                       | Male Hospital Helper.....                   | 250.00       |                    |                   |         | 250.00                  | 250.00                                       |
| Laundress.....                            | 350.00      |                    |                   |         | 350.00          | 350.00                                       | Male Cook.....                              | 375.00       |                    |                   |         | 375.00                  | 375.00                                       |
| Assistant Laundress.....                  | 300.00      |                    |                   |         | 300.00          | 300.00                                       | ".....                                      | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
| Butcher.....                              | 350.00      |                    |                   |         | 350.00          | 350.00                                       | Male Hospital Helper.....                   | 340.00       |                    |                   |         | 340.00                  | 340.00                                       |
| Domestic.....                             | 190.00      |                    |                   |         | 190.00          | 190.00                                       | Female Nurse.....                           | 340.00       |                    |                   |         | 340.00                  | 340.00                                       |
| Domestic.....                             | 150.00      |                    |                   |         | 150.00          | 150.00                                       | Cook at \$400 each.....                     | 400.00       |                    |                   |         | 400.00                  | 400.00                                       |
| Seamstress.....                           | 240.00      |                    |                   |         | 240.00          | 240.00                                       | Seamstress.....                             | 240.00       |                    |                   |         | 240.00                  | 240.00                                       |
| Morgue Superintendent.....                | 210.00      |                    |                   |         | 210.00          | 210.00                                       | Foreman.....                                | 240.00       |                    |                   |         | 240.00                  | 240.00                                       |
| Maternity Helpers, at \$75 each.....      | 144.00      |                    |                   |         | 144.00          | 144.00                                       | Male Hospital Helper.....                   | 210.00       |                    |                   |         | 210.00                  | 210.00                                       |
| Female Clothes-men (Kemper).....          | 150.00      |                    |                   |         | 150.00          | 150.00                                       | 14 Female Nurses at \$150.....              | 2,100.00     |                    |                   |         | 2,100.00                | 2,100.00                                     |
| Hospital Orderly.....                     | 330.00      |                    |                   |         | 330.00          | 330.00                                       | 2 Male Nurses at \$135 each.....            | 270.00       |                    |                   |         | 270.00                  | 270.00                                       |
| Hospital Orderly.....                     | 240.00      |                    |                   |         | 240.00          | 240.00                                       | 3 Laundresses at \$120 each.....            | 360.00       |                    |                   |         | 360.00                  | 360.00                                       |
| Hospital Orderly.....                     | 150.00      |                    |                   |         | 150.00          | 150.00                                       | 2 Laundresses.....                          | 450.00       |                    |                   |         | 450.00                  | 450.00                                       |
| Hospital Orderlies, at \$120.....         | 240.00      |                    |                   |         | 240.00          | 240.00                                       | Worms.....                                  | 180.00       |                    |                   |         | 180.00                  | 180.00                                       |
| Hospital Orderlies, at \$100.....         | 200.00      |                    |                   |         | 200.00          | 200.00                                       | Male Hospital Helper.....                   | 180.00       |                    |                   |         | 180.00                  | 180.00                                       |
| Hospital Helper.....                      | 240.00      |                    |                   |         | 240.00          | 240.00                                       | 4 male Hospital Helpers, at \$150 each..... | 600.00       |                    |                   |         | 600.00                  | 600.00                                       |
| 3 Hospital Helpers, at \$150.....         | 450.00      |                    |                   |         | 450.00          | 450.00                                       | 10 male Nurses, at \$144 each.....          | 1,440.00     |                    |                   |         | 1,440.00                | 1,440.00                                     |
| 35 Hospital Helpers, at \$144.....        | 5,040.00    |                    |                   |         | 5,040.00        | 5,040.00                                     | Female Helper.....                          | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
| 6 Hospital Helpers, at \$120.....         | 720.00      |                    |                   |         | 720.00          | 720.00                                       | 12 Hospital Helpers, at \$144 each.....     | 1,728.00     |                    |                   |         | 1,728.00                | 1,728.00                                     |
| 3 Hospital Helpers.....                   | 72.00       |                    |                   |         | 72.00           | 72.00  | Sewing Machine Operators.....               | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
| 10 Hospital Helpers, at \$60.....         | 600.00      |                    |                   |         | 600.00          | 600.00                                       | Male Hospital Helper.....                   | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
| 1 Florist.....                            | 50.00       |                    |                   |         | 50.00           | 50.00  | Clerk.....                                  | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
| Assistant Apothecary.....                 | 400.00      |                    |                   |         | 400.00          | 400.00                                       | 10 male Nurses, at \$120 each.....          | 1,200.00     |                    |                   |         | 1,200.00                | 1,200.00                                     |
| Hospital Orderlies.....                   | 500.00      |                    |                   |         | 500.00          | 500.00                                       | 2 Clerks, at \$120 each.....                | 240.00       |                    |                   |         | 240.00                  | 240.00                                       |
| Fireman.....                              |             |                    |                   |         | 300.00          | 300.00                                       | 4 male Hospital Helpers, at \$120 each..... | 480.00       |                    |                   |         | 480.00                  | 480.00                                       |
| Ordinary.....                             |             |                    |                   |         | 90.00           | 90.00  | Morgue Keeper.....                          | 120.00       |                    |                   |         | 120.00                  | 120.00                                       |
| Examiner Man.....                         |             |                    |                   |         | 180.00          | 180.00                                       | Gardener.....                               | 120.00       |                    |                   |         | 120.00                  | 120.00                                       |
| Chambermaid.....                          |             |                    |                   |         | 30.00           | 30.00  | Male Nurse.....                             | 100.00       |                    |                   |         | 100.00                  | 100.00                                       |
|   | \$51,064.00 |                    |                   |         | \$75,938.00     | \$75,938.00                                  | Male Hospital Helper.....                   | 90.00        |                    |                   |         | 90.00                   | 90.00  |
|   |             |                    |                   |         |                 |  | Timothy.....                                | 90.00        |                    |                   |         | 90.00                   | 90.00  |
|   |             |                    |                   |         |                 |  | 2 female Helpers, at \$72.....              | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
|   |             |                    |                   |         |                 |  | Male Hospital Helper.....                   | 70.00        |                    |                   |         | 70.00                   | 70.00  |
|   |             |                    |                   |         |                 |  | Female Reception Orderly.....               | 60.00        |                    |                   |         | 60.00                   | 60.00  |

## New York City Training School for Nurses.

| DESIGNATIONS, POSITIONS, DECISIONS, 1897.                        | SALARY.     | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR 1897. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. |
|--|-------------|--------------------|-------------------|---------|-----------------|--|
| Superintendent.....  | \$1,200.00  |                    |                   |         | \$1,200.00      | \$1,200.00                                   |
| Assistant Superintendent.....                                    | 1,000.00    |                    |                   |         | 1,000.00        | 1,000.00                                     |
| Head Nurses, at \$750.....                                       | 3,750.00    |                    |                   |         | 3,750.00        | 3,750.00                                     |
| Graduate Night Nurses, at \$500.....                             | 500.00      |                    |                   |         | 500.00          | 500.00                                       |
| 50 Pupil Nurses, at \$150.....                                   | 7,500.00    |                    |                   |         | 7,500.00        | 7,500.00                                     |
| Hallkeeper.....  | 480.00      |                    |                   |         | 480.00          | 480.00                                       |
| Waitress, at \$180.....  | 360.00      |                    |                   |         | 360.00          | 360.00                                       |
| Chambermaid.....   | 144.00      |                    |                   |         | 144.00          | 144.00                                       |
| Scrubber.....  | 144.00      |                    |                   |         | 144.00          | 144.00                                       |
| Chambermaid.....   | 90.00       |                    |                   |         | 90.00           | 90.00  |
| Cook.....  | 300.00      |                    |                   |         | 300.00          | 300.00                                       |
| Kitchen Help.....  | 244.00      |                    |                   |         | 244.00          | 244.00                                       |
| Night Watchman.....  | 240.00      |                    |                   |         | 240.00          | 240.00                                       |
| Gardener.....  | 180.00      |                    |                   |         | 180.00          | 180.00                                       |
| 5 Pupil Nurses, each \$150, provided for increasing service..... | 750.00      |                    |                   |         | 750.00          | 750.00                                       |
| 1 Kitchen Help.....  | 144.00      |                    |                   |         | 144.00          | 144.00                                       |
| Head Nurse.....  |             |                    |                   |         | 90.00           | 90.00  |
| Scrubber.....  |             |                    |                   |         | 144.00          | 144.00                                       |
| Office Boy.....  |             |                    |                   |         | 300.00          | 300.00                                       |
| Porter.....  |             |                    |                   |         | 150.00          | 150.00                                       |
|  | \$21,658.00 |                    |                   |         | \$21,344.00     | \$21,344.00                                  |

## Alms House, Blackwell's Island.

| DESIGNATIONS, POSITIONS, DECISIONS, 1897. | 1897 SALARY. | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR BY OLD BOARD. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. |
|---|--------------|--------------------|-------------------|---------|-------------------------|--|
| Superintendent.....                       | \$2,000.00   |                    |                   |         | \$2,000.00              | \$2,000.00                                   |
| Chief of Staff.....                       | 2,000.00     | Abolished.         |                   |         |                         |  |
| Steward.....                              | 900.00       | Vacancy.....       |                   |         | 900.00                  | 900.00                                       |
| Matron.....                               | 900.00       |                    |                   |         | 500.00                  | 500.00                                       |
| Hospital Matron.....                      | 400.00       |                    |                   |         | 500.00                  | 400.00                                       |

| DESIGNATIONS, POSITIONS, DECISIONS, 1897. | 1897 SALARY. | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR BY OLD BOARD. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. |
|---|--------------|--------------------|-------------------|---------|-------------------------|--|
| Male Chief.....                           | 720.00       |                    |                   |         | 720.00                  | 720.00                                       |
| Butcher.....                              | 450.00       |                    |                   |         | 450.00                  | 450.00                                       |
| Assistant Superintending Nurse.....       | 900.00       |                    |                   |         | 900.00                  | 900.00                                       |
| Elevator-men, at \$400.....               | 360.00       |                    |                   |         | 360.00                  | 360.00                                       |
| 10 Hospital Helpers, at \$120.....        | 1,200.00     |                    |                   |         | 1,200.00                | 1,200.00                                     |
| Hospital Helper.....                      | 144.00       |                    |                   |         | 144.00                  | 144.00                                       |
| Assistant Engineer.....                   | 700.00       |                    |                   |         | 700.00                  | 700.00                                       |
| Chief Cook.....                           | 500.00       |                    |                   |         | 500.00                  | 500.00                                       |
|   | \$27,574.00  |                    |                   |         | \$27,070.00             | \$27,070.00                                  |

## Incurable Hospital.

| DESIGNATIONS, POSITIONS, DECISIONS, 1897. | 1897 SALARY. | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR BY OLD BOARD. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. |
|---|--------------|--------------------|-------------------|---------|-------------------------|--|
| Male Hospital Helper.....                 | 400.00       |                    |                   |         | 400.00                  | 400.00                                       |
| Female Nurses, at \$180.....              | 540.00       |                    |                   |         | 540.00                  | 540.00                                       |
| Male Nurse.....                           | 120.00       |                    |                   |         | 120.00                  | 120.00                                       |
| 5 female Hospital Helpers, at \$144.....  | 720.00       |                    |                   |         | 720.00                  | 720.00                                       |
|   | \$2,200.00   |                    |                   |         | \$2,170.00              | \$2,170.00                                   |

## Metropolitan Hospital.

| DESIGNATIONS, POSITIONS, DECISIONS, 1897. | 1897 SALARY. | PROPOSED INCREASE. | ADDITIONAL FORCE. | SALARY. | ASKED FOR BY OLD BOARD. | ASKED FOR BY COMMISSIONER OF MICHIGAN, 1897. |
|---|--------------|--------------------|-------------------|---------|-------------------------|--|
| Chief of Staff.....                       | \$2,000.00   | \$200.00           |                   |         | \$2,200.00              | \$2,200.00                                   |
| Engineer.....                             | 1,000.00     |                    |                   |         | 1,000.00                | 1,000.00                                     |
| Inspector.....                            | 700.00       |                    |                   |         | 700.00                  | 700.00                                       |
| Cook.....                                 | 500.00       |                    |                   |         | 480.00                  | 480.00                                       |
| Druggist.....                             | 480.00       |                    |                   |         | 480.00                  | 480.00                                       |
| Matron.....                               | 480.00       |                    |                   |         | 480.00                  | 480.00                                       |
| 3 Laundresses, at \$300 each.....         | 900.00       |                    |                   |         | 900.00                  | 900.00                                       |
| Fireman.....                              | 420.00       |                    |                   |         | 420.00                  | 420.00                                       |
| 3 Firemen, at \$350.....                  | 1,050.00     |                    |                   |         | 1,050.00                | 1,050.00                                     |
| 2 Assistant Cooks, at \$140 each.....     | 280.00       |                    |                   |         | 480.00                  | 480.00                                       |
| 5 Male Nurses, at \$350 each.....         | 1,750.00     |                    |                   |         |                         | 1,750.00                                     |



[illegible]

*Infants' Hospital, Randall's Island.*

| DISBURSEMENTS, PORTLAND, ME., 1897. | SALARY.  | PROVISIONS<br>FURNISHED. | ADDITIONAL<br>FOODS. | SALARY. | AMOUNT FOR<br>1897. | AMOUNT FOR<br>1898. |
|-------------------------------------|----------|--------------------------|----------------------|---------|---------------------|---------------------|
| 1. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 2. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 3. Assistant Foreman, \$100.00      | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 4. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 5. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 6. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 7. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 8. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 9. Foreman, \$100.00                | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 10. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 11. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 12. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 13. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 14. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 15. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 16. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 17. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 18. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 19. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 20. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 21. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 22. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 23. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 24. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 25. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 26. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 27. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 28. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 29. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 30. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 31. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 32. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 33. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 34. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 35. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 36. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 37. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 38. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 39. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 40. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 41. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 42. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 43. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 44. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 45. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 46. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 47. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 48. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 49. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 50. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 51. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 52. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 53. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 54. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 55. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 56. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 57. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.00            |
| 58. Foreman, \$100.00               | \$100.00 |                          |                      |         | \$100.00            | \$100.              |

*Kenneth Lloyd DeVane and School*

| Department, Position,<br>Location, City | SALARY     | Previous<br>Salary | Department, Division | SALARY     | Amount Paid<br>by City,<br>Month Pay<br>High | Amount Paid<br>by County,<br>Monthly,<br>Low |
|---|------------|--------------------|----------------------|------------|--|--|
| Superintendent, Police                  | \$5,000.00 | \$4,500.00         | Police Department    | \$5,000.00 | \$4,200.00                                   | \$4,200.00                                   |
| Inspector, Police                       | 3,000.00   | 2,500.00           | Police Department    | 3,000.00   | 2,500.00                                     | 2,500.00                                     |
| 7. Detective, Police                    | 2,000.00   | 1,500.00           | Police Department    | 2,000.00   | 1,500.00                                     | 1,500.00                                     |
| Sergeant, Police                        | 1,500.00   | 1,000.00           | Police Department    | 1,500.00   | 1,000.00                                     | 1,000.00                                     |
| Chicago                                 | 400.00     | 300.00             | Police Department    | 400.00     | 400.00                                       | 400.00                                       |
| 10. Patrolman, Police                   | 1,000.00   | 700.00             | Police Department    | 1,000.00   | 750.00                                       | 750.00                                       |
| 11. Patrolman, Police                   | 700.00     | 500.00             | Police Department    | 700.00     | 500.00                                       | 500.00                                       |
| 12. Patrolman, Police                   | 400.00     | 300.00             | Police Department    | 400.00     | 400.00                                       | 400.00                                       |
| 13. Patrolman, Police                   | 300.00     | 200.00             | Police Department    | 300.00     | 300.00                                       | 300.00                                       |
| 14. Patrolman, Police                   | 200.00     | 150.00             | Police Department    | 200.00     | 200.00                                       | 200.00                                       |
| 15. Patrolman, Police                   | 150.00     | 100.00             | Police Department    | 150.00     | 150.00                                       | 150.00                                       |
| 16. Patrolman, Police                   | 100.00     | 75.00              | Police Department    | 100.00     | 100.00                                       | 100.00                                       |
| 17. Patrolman, Police                   | 75.00      | 50.00              | Police Department    | 75.00      | 75.00  | 75.00  |
| 18. Patrolman, Police                   | 50.00      | 30.00              | Police Department    | 50.00      | 50.00  | 50.00  |
| 19. Patrolman, Police                   | 30.00      | 20.00              | Police Department    | 30.00      | 30.00  | 30.00  |
| 20. Patrolman, Police                   | 20.00      | 15.00              | Police Department    | 20.00      | 20.00  | 20.00  |
| 21. Patrolman, Police                   | 15.00      | 10.00              | Police Department    | 15.00      | 15.00  | 15.00  |
| 22. Patrolman, Police                   | 10.00      | 7.50               | Police Department    | 10.00      | 10.00  | 10.00  |
| 23. Patrolman, Police                   | 7.50       | 5.00               | Police Department    | 7.50       | 7.50   | 7.50   |
| 24. Patrolman, Police                   | 5.00       | 3.00               | Police Department    | 5.00       | 5.00   | 5.00   |
| 25. Patrolman, Police                   | 3.00       | 2.00               | Police Department    | 3.00       | 3.00   | 3.00   |
| 26. Patrolman, Police                   | 2.00       | 1.50               | Police Department    | 2.00       | 2.00   | 2.00   |
| 27. Patrolman, Police                   | 1.50       | 1.00               | Police Department    | 1.50       | 1.50   | 1.50   |
| 28. Patrolman, Police                   | 1.00       | .75                | Police Department    | 1.00       | 1.00   | 1.00   |
| 29. Patrolman, Police                   | .75        | .50                | Police Department    | .75        | .75  | .75  |
| 30. Patrolman, Police                   | .50        | .30                | Police Department    | .50        | .50  | .50  |
| 31. Patrolman, Police                   | .30        | .20                | Police Department    | .30        | .30  | .30  |
| 32. Patrolman, Police                   | .20        | .15                | Police Department    | .20        | .20  | .20  |
| 33. Patrolman, Police                   | .15        | .10                | Police Department    | .15        | .15  | .15  |
| 34. Patrolman, Police                   | .10        | .07                | Police Department    | .10        | .10  | .10  |
| 35. Patrolman, Police                   | .07        | .05                | Police Department    | .07        | .07  | .07  |
| 36. Patrolman, Police                   | .05        | .03                | Police Department    | .05        | .05  | .05  |
| 37. Patrolman, Police                   | .03        | .02                | Police Department    | .03        | .03  | .03  |
| 38. Patrolman, Police                   | .02        | .01                | Police Department    | .02        | .02  | .02  |
| 39. Patrolman, Police                   | .01        | .00                | Police Department    | .01        | .01  | .01  |
| 40. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 41. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 42. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 43. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 44. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 45. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 46. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 47. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 48. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 49. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 50. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 51. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 52. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 53. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 54. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 55. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 56. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 57. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 58. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 59. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 60. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 61. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 62. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 63. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |
| 64. Patrolman, Police                   | .00        | .00                | Police Department    | .00        | .00  | .00  |

STATEMENT OF SUPPLY ACCOUNT.  
*Articles Advertised for to Date.*

| Articles Advertised for to Date.                  |              |
|---|--------------|
| Meat contract for year.....                       | \$131,311 00 |
| Fresh milk contract for year.....                 | 40,130 21    |
| Condensed milk contract for year.....             | 14,973 05    |
| Fresh fish contract for year.....                 | 12,890 00    |
| Coal contract for year.....                       | 85,640 00    |
| Poultry contract for year.....                    | 15,000 00    |
| Flour, groceries, provisions, etc., for year..... | 238,601 21   |
| Drugs for part of year.....                       | 04,334 92    |
| Tea for year.....                                 | 4,550 40     |



To be Advertised for During Year.

Drugs and surgical instruments for Dr. Rice during balance of year, estimated amount set aside..... \$44,568.08

Articles Advertised at Present Time.

|                                      |                    |
|--------------------------------------|--------------------|
| Material for brooms and brushes..... | \$1,000.00         |
| Lumber.....                          | 15,000.00          |
| Leather.....                         | 5,000.00           |
| Oils.....                            | 5,000.00           |
| Crockery.....                        | 4,000.00           |
| <b>Total.....</b>                    | <b>31,000.00</b>   |
| Rye straw advertisement.....         | 1,628.00           |
| <b>Total.....</b>                    | <b>\$55,196.08</b> |

Other Expenses for Year, Chargeable to Supply Account, Amounts Estimated upon Basis of the Past.

|   |                     |
|---|---------------------|
| Carting coal, Bellevue Hospital.....                    | 1,080.00            |
| Board of Trained Nurses.....                            | 12,000.00           |
| Electric light.....                                     | 4,500.00            |
| Ice cream.....  | 800.00              |
| Green groceries.....                                    | 11,700.00           |
| Gas.....  | 12,000.00           |
| Contingent Fund—Petty expenses.....                     | 4,000.00            |
| Colored Home, maintenance.....                          | 20,000.00           |
| Horseshoeing.....                                       | 1,000.00            |
| Rent for Training School, lease of floor.....           | 720.00              |
| Veterinary Surgeon.....                                 | 500.00              |
| Removing manure.....                                    | 180.00              |
| Cream, Bellevue, Infants' and Gouverneur Hospitals..... | 1,800.00            |
| Telegrams, Bellevue Hospital.....                       | 2,000.00            |
| Cleaning office.....                                    | 480.00              |
| Removing garbage (six months).....                      | 1,000.00            |
| Carting coal and ice, Randall's Island.....             | 2,000.00            |
| Engineers' supplies.....                                | 21,000.00           |
| Brooms and brushes.....                                 | 2,000.00            |
| Paints.....   | 6,000.00            |
| Crockery.....   | 4,200.00            |
| Ropes and twine.....                                    | 1,000.00            |
| Lime and cement.....                                    | 1,400.00            |
| Woodenware.....   | 2,500.00            |
| Tin, iron and wire.....                                 | 1,300.00            |
| Hardware.....   | 7,000.00            |
| Furniture for new buildings.....                        | 24,000.00           |
| Clothing, dry goods, bedding, etc.....                  | 7,600.00            |
| Miscellaneous.....                                      | 5,700.00            |
| Horse supplies, blankets, etc.....                      | 2,000.00            |
| Glass.....  | 1,000.00            |
| <b>Total.....</b>                                       | <b>\$915,634.75</b> |

Department of Public Charities.

| No. 1897.                                      | No. 1898. | Designation.                        | SALARIES PAID, 1897. | AMOUNTS ALLOTTED FOR 1898. |
|--|-----------|-------------------------------------|----------------------|----------------------------|
| <b>Central Typing.</b>                         |           |                                     |                      |                            |
| 1  | 1         | Chemist and Pharmacist.....         | \$1,500.00           | \$1,500.00                 |
| 2  | 2         | Secretary.....                      | 2,500.00             | 2,500.00                   |
| 3  | 3         | General Bookkeeper and Auditor..... | 3,000.00             | 3,000.00                   |
| 4  | 4         | Contract Clerk.....                 | 1,125.00             | 1,125.00                   |
| 5  | 5         | Registration Clerk.....             | 1,000.00             | 1,000.00                   |
| 6  | 6         | Clerk in Postmaster Agency.....     | 2,200.00             | 2,200.00                   |
| 7  | 7         | Purchasing Agent.....               | 1,000.00             | 1,000.00                   |
| 8  | 8         | Purchasing Agent.....               | 1,000.00             | 1,000.00                   |
| 9  | 9         | Index and File Clerk.....           | 750.00               | 750.00                     |
| 10   | 10        | Office Boy.....                     | 500.00               | 500.00                     |
| 11   | 11        | Stenographer and Typewriter.....    | 750.00               | 750.00                     |
| 12   | 12        | Executive Clerk.....                | 1,000.00             | 1,000.00                   |
| 13   | 13        | Treasurer's Clerk.....              | 1,000.00             | 1,000.00                   |
| 14   | 14        | General Hospital Inspector.....     | 3,000.00             | 3,000.00                   |
|  |           |                                     | <b>\$14,775.00</b>   | <b>\$14,775.00</b>         |
| <b>Additional Appointments—</b>                |           |                                     |                      |                            |
| 15   | 15        | Deputy Commissioner.....            | 4,000.00             | 4,000.00                   |
| 16   | 16        | Private Secretary.....              | 1,000.00             | 1,000.00                   |
|  |           |                                     | <b>\$5,000.00</b>    | <b>\$5,000.00</b>          |
| <b>Outdoor Staff.</b>                          |           |                                     |                      |                            |
| 17   | 17        | Superintendent.....                 | \$5,400.00           | \$5,400.00                 |
| 18   | 18        | Visitor at Large.....               | 1,000.00             | 1,000.00                   |
| 19   | 19        | Issuer of Permits.....              | 1,200.00             | 1,200.00                   |
| 20   | 20        | Clerk.....                          | 1,100.00             | 1,100.00                   |
| 21   | 21        | Mail Carrier.....                   | 100.00               | 100.00                     |
| 22   | 22        | Almoner Clerk.....                  | 500.00               | 500.00                     |
| 23   | 23        | Fireman.....                        | 600.00               | 600.00                     |
| 24   | 24        | Drivers, at \$200.....              | 1,800.00             | 1,800.00                   |
| 25   | 25        | Driver.....                         | 1,000.00             | 1,000.00                   |
| 26   | 26        | ".....                              | 750.00               | 750.00                     |
| 27   | 27        | ".....                              | 800.00               | 800.00                     |
| 28   | 28        | ".....                              | 750.00               | 750.00                     |
| 29   | 29        | Stenographer and Typewriter.....    | 600.00               | 600.00                     |
| 30   | 30        | Visitor.....                        | 1,000.00             | 1,000.00                   |
| 31   | 31        | Visitors, at \$200.....             | 1,600.00             | 1,600.00                   |
| 32   | 32        | Driver.....                         | 800.00               | 800.00                     |
| 33   | 33        | Hospital Orderly.....               | 400.00               | 400.00                     |
| 34   | 34        | Visiting Dentist.....               | 1,000.00             | 1,000.00                   |
| 35   | 35        | Office Boy.....                     | 500.00               | 500.00                     |
|  |           |                                     | <b>\$14,775.00</b>   | <b>\$14,775.00</b>         |
| <b>Examiners, Etc., of Dependent Children.</b> |           |                                     |                      |                            |
| 36   | 36        | Examiner in Charge.....             | \$1,500.00           | \$1,500.00                 |
| 37   | 37        | Examiner in Charge, at \$2,000..... | 7,000.00             | 7,000.00                   |

| No. 1897.                                       | No. 1898. | Designation.                             | SALARIES PAID, 1897. | AMOUNTS ALLOTTED FOR 1898. |
|---|-----------|--|----------------------|----------------------------|
| 1   | 1         | Recoral Clerk.....                       | \$900.00             | \$900.00                   |
| 2   | 2         | Clerk.....                               | 750.00               | 750.00                     |
| 3   | 3         | ".....                                   | 900.00               | 900.00                     |
|   |           |  | <b>\$1,550.00</b>    | <b>\$1,550.00</b>          |
| <b>Bellevue Dispensary.</b>                     |           |  |                      |                            |
| 4   | 4         | Assistant Apothecary.....                | \$600.00             | \$600.00                   |
| 5   | 5         | ".....                                   | 450.00               | 450.00                     |
| 6   | 6         | Nurse.....                               | 1,000.00             | 1,000.00                   |
| 7   | 7         | Nurse, at \$750.....                     | 1,400.00             | 1,400.00                   |
| 8   | 8         | Hospital Orderly.....                    | 300.00               | 300.00                     |
| 9   | 9         | Hospital Helper.....                     | 450.00               | 450.00                     |
| 10  | 10        | Assistant Hospital Helper.....           | 450.00               | 450.00                     |
| 11  | 11        | Hospital Helper.....                     | 300.00               | 300.00                     |
| 12  | 12        | ".....                                   | 350.00               | 350.00                     |
| 13  | 13        | Assistant Hospital Helper, at \$450..... | 1,000.00             | 1,000.00                   |
| 14  | 14        | Examining Physician.....                 | 1,500.00             | 1,500.00                   |
| 15  | 15        | Assistant Apothecary.....                | 400.00               | 400.00                     |
|   |           |  | <b>\$9,750.00</b>    | <b>\$9,750.00</b>          |
| <b>Central Drug Department.</b>                 |           |  |                      |                            |
| 16  | 16        | Chemist.....                             | \$5,000.00           | \$5,000.00                 |
| 17  | 17        | Assistant Chemist.....                   | 1,000.00             | 1,000.00                   |
| 18  | 18        | Laboratory Assistant.....                | 500.00               | 500.00                     |
| 19  | 19        | Apothecary.....                          | 750.00               | 750.00                     |
| 20  | 20        | Drug Clerk.....                          | 200.00               | 200.00                     |
| 21  | 21        | Laborer, at \$400.....                   | 1,500.00             | 1,500.00                   |
| 22  | 22        | Laborer.....                             | 500.00               | 500.00                     |
| 23  | 23        | Laborers at \$100.....                   | 2,500.00             | 2,500.00                   |
|   |           |  | <b>\$11,250.00</b>   | <b>\$11,250.00</b>         |
| <b>Additional Appointments—</b>                 |           |  |                      |                            |
| 24  | 24        | Surgical Clerk.....                      | 500.00               | 500.00                     |
| 25  | 25        | Female Helper, at \$100.....             | 200.00               | 200.00                     |
|   |           |  | <b>\$700.00</b>      | <b>\$700.00</b>            |
| <b>Fire Department.</b>                         |           |  |                      |                            |
| 26  | 26        | Supervising Engineer.....                | \$1,000.00           | \$1,000.00                 |
| 27  | 27        | Photographer.....                        | 1,350.00             | 1,350.00                   |
| 28  | 28        | Superintendent of Dock.....              | 1,000.00             | 1,000.00                   |
| 29  | 29        | Minor Inspector.....                     | 1,000.00             | 1,000.00                   |
| 30  | 30        | Pilot.....                               | 1,000.00             | 1,000.00                   |
| 31  | 31        | Engineer.....                            | 1,000.00             | 1,000.00                   |
| 32  | 32        | Chief.....                               | 1,500.00             | 1,500.00                   |
| 33  | 33        | ".....                                   | 500.00               | 500.00                     |
| 34  | 34        | Engineer, at \$400.....                  | 1,500.00             | 1,500.00                   |
| 35  | 35        | Mate.....                                | 500.00               | 500.00                     |
| 36  | 36        | Inspector.....                           | 500.00               | 500.00                     |
| 37  | 37        | Firm.....                                | 240.00               | 240.00                     |
| 38  | 38        | Mate.....                                | 700.00               | 700.00                     |
| 39  | 39        | Watchman.....                            | 300.00               | 300.00                     |
| 40  | 40        | Deckhand.....                            | 250.00               | 250.00                     |
| 41  | 41        | Fireman, at \$400.....                   | 1,200.00             | 1,200.00                   |
| 42  | 42        | Nurse.....                               | 500.00               | 500.00                     |
| 43  | 43        | Laborer.....                             | 500.00               | 500.00                     |
| 44  | 44        | Hospital Helper, at \$100.....           | 300.00               | 300.00                     |
| 45  | 45        | Deckhand, at \$180.....                  | 350.00               | 350.00                     |
| 46  | 46        | Inspector.....                           | 700.00               | 700.00                     |
| 47  | 47        | Nurse.....                               | 700.00               | 700.00                     |
| 48  | 48        | Cook.....                                | 350.00               | 350.00                     |
|   |           |  | <b>\$14,550.00</b>   | <b>\$14,550.00</b>         |
| <b>Store Department.</b>                        |           |  |                      |                            |
| 49  | 49        | General Stenographer.....                | \$1,000.00           | \$1,000.00                 |
| 50  | 50        | Clerk.....                               | 500.00               | 500.00                     |
| 51  | 51        | Lumber Inspector.....                    | 800.00               | 800.00                     |
| 52  | 52        | Clerk.....                               | 500.00               | 500.00                     |
| 53  | 53        | Stenographer.....                        | 400.00               | 400.00                     |
| 54  | 54        | Laborer.....                             | 500.00               | 500.00                     |
| 55  | 55        | Clerks, at \$150.....                    | 450.00               | 450.00                     |
| 56  | 56        | Laborer.....                             | 100.00               | 100.00                     |
| 57  | 57        | ".....                                   | 100.00               | 100.00                     |
| 58  | 58        | Clerk.....                               | 100.00               | 100.00                     |
| 59  | 59        | Laborers.....                            | 50.00                | 100.00                     |
|   |           |  | <b>\$5,750.00</b>    | <b>\$5,750.00</b>          |
| <b>Male Training School, Bellevue Hospital.</b> |           |  |                      |                            |
| 60  | 60        | Superintendent.....                      | \$1,000.00           | \$1,000.00                 |
| 61  | 61        | Instructing Nurse.....                   | 500.00               | 500.00                     |
| 62  | 62        | Janitress.....                           | 400.00               | 400.00                     |
| 63  | 63        | Pupil Nurses, at \$120.....              | 1,500.00             | 1,500.00                   |
| 64  | 64        | "..... at \$100.....                     | 1,200.00             | 1,200.00                   |
| 65  | 65        | "..... at \$200.....                     | 1,000.00             | 1,000.00                   |

| No.<br>1897.                              | No.<br>1898. | Department.                    | Salaries Paid<br>1897. | Amounts<br>Allocated for<br>1898. | No.<br>1897.             | No.<br>1898. | Department.                         | Salaries Paid<br>1897. | Amounts<br>Allocated for<br>1898. |
|---|--------------|--------------------------------|------------------------|-----------------------------------|--------------------------|--------------|-------------------------------------|------------------------|-----------------------------------|
| 1   | 4            | Male Servant                   | \$200.00               | \$200.00                          | 1                        | 4            | Fireman                             | \$400.00               | \$400.00                          |
| 2   | 4            | Chambermaid, at \$100          | 100.00                 | 200.00                            | 2                        | 2            | Fireman, at \$100                   | 100.00                 | 100.00                            |
| 3   | 4            | Fireman                        | 200.00                 | 200.00                            | 3                        | 2            | Landscaper, at \$100                | 100.00                 | 100.00                            |
| 4   | 3            | Waitress, at \$100             | 200.00                 | 200.00                            | 4                        | 3            | Inspector                           | 700.00                 | 700.00                            |
| 5   | 3            | Landscaper                     | 200.00                 | 200.00                            | 5                        | 4            | Druggist                            | 400.00                 | 400.00                            |
| 6   | 1            | Night Orderly                  | 100.00                 | 100.00                            | 6                        | 2            | Assistant Cook, at \$100            | 200.00                 | 200.00                            |
| 7   | 4            | Cook                           | 200.00                 | 200.00                            | 7                        | 3            | Assistant Cook                      | 100.00                 | 100.00                            |
| 8   | 4            | Kitchen Girl                   | 144.00                 | 144.00                            | 8                        | 21           | Nurse, at \$100                     | 2,100.00               | 2,100.00                          |
| Increase in Force—                        |              |                                |                        |                                   | 10                       | 27           | Assistant Nurse, at \$100           | 2,700.00               | 2,700.00                          |
| 9   | 14           | Paup' Nurses                   |                        |                                   | 9                        | 3            | Nurse, at \$100                     | 300.00                 | 300.00                            |
| 10  | 16           | "                              |                        |                                   | 10                       | 6            | "                                   | 600.00                 | 600.00                            |
| 11  | 3            | Chambermaid                    | 300.00                 | 300.00                            | 11                       | 3            | Nitroboiler                         | 150.00                 | 150.00                            |
| 12  | 5            | Paup' Nurses                   |                        |                                   | 12                       | 3            | Hospital Orderly, at \$100          | 300.00                 | 300.00                            |
|   |              |                                | \$1,944.00             | \$1,944.00                        | 13                       | 3            | "                                   | 300.00                 | 300.00                            |
| New York City Training School for Nurses. |              |                                |                        |                                   | 14                       | 3            | "                                   | 300.00                 | 300.00                            |
| 1   | 2            | Superintendent                 | \$1,500.00             | \$1,500.00                        | 15                       | 3            | Hospital Orderly                    | 300.00                 | 300.00                            |
| 2   | 3            | Assistant Superintendent       | 500.00                 | 500.00                            | 16                       | 6            | "                                   | 600.00                 | 600.00                            |
| 3   | 3            | Head Nurse, at \$100           | 300.00                 | 300.00                            | 17                       | 3            | Hospital Orderly                    | 300.00                 | 300.00                            |
| 4   | 2            | Graduate Night Nurse, at \$100 | 200.00                 | 200.00                            | 18                       | 3            | "                                   | 300.00                 | 300.00                            |
| 5   | 1            | Paup' Nurses, at \$100         | 7,000.00               | 7,000.00                          | 19                       | 15           | Hospital Helpers, at \$100          | 1,500.00               | 1,500.00                          |
| 6   | 1            | "                              | 412.00                 | 412.00                            | 20                       | 15           | "                                   | 1,500.00               | 1,500.00                          |
| 7   | 1            | "                              | 5,000.00               | 5,000.00                          | 21                       | 3            | Hospital Helper                     | 300.00                 | 300.00                            |
| 8   | 1            | Hospital Nurse                 | 400.00                 | 400.00                            | 22                       | 3            | "                                   | 300.00                 | 300.00                            |
| 9   | 1            | "                              | 300.00                 | 300.00                            | 23                       | 3            | Saline Helper, at \$100             | 300.00                 | 300.00                            |
| 10  | 1            | Night Watchman                 | 440.00                 | 440.00                            | 24                       | 3            | Saline Helper                       | 300.00                 | 300.00                            |
| 11  | 2            | Waitress, at \$100             | 200.00                 | 200.00                            | 25                       | 2            | "                                   | 200.00                 | 200.00                            |
| 12  | 2            | Kitchen Help                   | 244.00                 | 244.00                            | 26                       | 3            | Domestic                            | 300.00                 | 300.00                            |
| 13  | 3            | Scrubber                       | 144.00                 | 144.00                            | 27                       | 4            | Personal Domestic                   | 400.00                 | 400.00                            |
| 14  | 1            | Chambermaid                    | 144.00                 | 144.00                            | 28                       | 2            | Miscellaneous                       | 200.00                 | 200.00                            |
| 15  | 1            | "                              | 30.00                  | 30.00                             | 29                       | 4            | Hospital Nurses, at \$100           | 400.00                 | 400.00                            |
| 16  | 3            | Residents                      | 720.00                 | 720.00                            | 30                       | 4            | Hospital Helper                     | 400.00                 | 400.00                            |
| 17  | 10           | Paup' Nurses, at \$100         | 10,000.00              | 10,000.00                         | 31                       | 1            | Hospital Nurse                      | 100.00                 | 100.00                            |
| Increase in Force—                        |              |                                |                        |                                   | 32                       | 1            | Saline Helper, at \$100             | 100.00                 | 100.00                            |
| 18  | 1            | Head Nurse                     |                        |                                   | 33                       | 1            | Nurse, at \$100                     | 100.00                 | 100.00                            |
| 19  | 1            | Kitchen Help                   |                        |                                   | 34                       | 1            | Nurse                               | 100.00                 | 100.00                            |
| 20  | 14           | Paup' Nurses                   |                        |                                   |                          |              |                                     |                        |                                   |
|   |              |                                | \$20,476.00            | \$20,476.00                       | Additional Appointments— |              |                                     |                        |                                   |
| Lawrence Hospital                         |              |                                |                        |                                   | 35                       | 4            | Laborer, at \$100                   | 400.00                 | 400.00                            |
| 1   | 3            | Superintending Nurse           | \$700.00               | \$700.00                          | Increase in Force—       |              |                                     |                        |                                   |
| 2   | 3            | Inspector                      | 480.00                 | 480.00                            | 36                       | 1            | Hospital Helper                     | 100.00                 | 100.00                            |
| 3   | 1            | Apothecary                     | 400.00                 | 400.00                            | 37                       | 1            | Nurse                               | 100.00                 | 100.00                            |
| 4   | 2            | Drivers, at \$100              | 2,000.00               | 2,000.00                          | 38                       | 1            | Assistant Doctor                    | 1,000.00               | 1,000.00                          |
| 5   | 2            | Druggist                       | 400.00                 | 400.00                            |                          |              |                                     | \$4,720.00             | \$4,720.00                        |
| 6   | 3            | Waitress                       | 600.00                 | 600.00                            | Miscellaneous            |              |                                     |                        |                                   |
| 7   | 1            | Cook                           | 200.00                 | 200.00                            | 1                        | 1            | Superintendent                      | \$2,000.00             | \$2,000.00                        |
| 8   | 1            | Assistant Cook                 | 100.00                 | 100.00                            | 2                        | 1            | Sanitary                            | 500.00                 | 500.00                            |
| 9   | 1            | Landscaper                     | 40.00                  | 40.00                             | 3                        | 1            | Miscellaneous                       | 300.00                 | 300.00                            |
| 10  | 1            | Hospital Orderly               | 300.00                 | 300.00                            | 4                        | 1            | Hospital Matron                     | 300.00                 | 300.00                            |
| 11  | 1            | Hospital Helper, at \$100      | 1,000.00               | 1,000.00                          | 5                        | 1            | Head Nurse                          | 500.00                 | 500.00                            |
| 12  | 1            | "                              | 400.00                 | 400.00                            | 6                        | 2            | Inspector                           | 600.00                 | 600.00                            |
| 13  | 1            | Hospital Helper                | 100.00                 | 100.00                            | 7                        | 1            | Assistant Foreman                   | 700.00                 | 700.00                            |
| 14  | 1            | Assistant Landscaper           | 100.00                 | 100.00                            | 8                        | 1            | Apothecary                          | 400.00                 | 400.00                            |
| Increase in Force—                        |              |                                |                        |                                   | 9                        | 1            | Assistant Apothecary                | 400.00                 | 400.00                            |
| 15  | 10           | Hospital Helpers               | 1,000.00               | 1,000.00                          | 10                       | 2            | Inspector, at \$100                 | 600.00                 | 600.00                            |
| 16  | 2            | "                              | 200.00                 | 200.00                            | 11                       | 1            | Hospital Orderly                    | 300.00                 | 300.00                            |
|   |              |                                | \$4,500.00             | \$4,500.00                        | 12                       | 1            | Night Watchman                      | 300.00                 | 300.00                            |
| Brooklyn Hospital                         |              |                                |                        |                                   | 13                       | 2            | Fireman, at \$100                   | 2,000.00               | 2,000.00                          |
| 1   | 1            | Superintending Nurse           | \$700.00               | \$700.00                          | 14                       | 1            | Hospital Helper (male)              | 100.00                 | 100.00                            |
| 2   | 2            | Assistant Apothecary           | 400.00                 | 400.00                            | 15                       | 1            | Cook (male)                         | 100.00                 | 100.00                            |
| 3   | 2            | Drivers, at \$100              | 2,000.00               | 2,000.00                          | 16                       | 2            | Hospital Helper (male)              | 200.00                 | 200.00                            |
| 4   | 1            | Saline Helper                  | 100.00                 | 100.00                            | 17                       | 2            | Nurse (female)                      | 200.00                 | 200.00                            |
| 5   | 1            | Landscaper                     | 40.00                  | 40.00                             | 18                       | 3            | Cooks (female), at \$100            | 300.00                 | 300.00                            |
| 6   | 2            | Assistant Landscaper           | 144.00                 | 144.00                            | 19                       | 2            | Seamstress                          | 200.00                 | 200.00                            |
| 7   | 1            | Cook                           | 200.00                 | 200.00                            | 20                       | 1            | Foreman                             | 400.00                 | 400.00                            |
| 8   | 1            | Nurse                          | 100.00                 | 100.00                            | 21                       | 1            | Hospital Helper (male)              | 100.00                 | 100.00                            |
| 9   | 2            | Waitress                       | 200.00                 | 200.00                            | 22                       | 24           | Nurse (female), at \$100            | 2,400.00               | 2,400.00                          |
| 10  | 8            | Hospital Helpers, at \$100     | 800.00                 | 800.00                            | 23                       | 2            | Nurse (male), at \$100              | 200.00                 | 200.00                            |
| 11  | 3            | "                              | 300.00                 | 300.00                            | 24                       | 1            | Landscaper, at \$100                | 100.00                 | 100.00                            |
| Increase in Force—                        |              |                                | \$5,000.00             | \$5,000.00                        | 25                       | 1            | Hospital Helper (male)              | 100.00                 | 100.00                            |
| 12  | 1            | Hospital Helper                | 100.00                 | 100.00                            | 26                       | 1            | Waitress for Superintendent         | 100.00                 | 100.00                            |
| Metropolitan Hospital, Greenwich Island   |              |                                |                        |                                   | 27                       | 27           | Hospital Helpers (male), at \$100   | 2,700.00               | 2,700.00                          |
| 1   | 1            | Superintendent                 | \$2,000.00             | \$2,000.00                        | 28                       | 25           | Hospital Helpers (female), at \$100 | 2,500.00               | 2,500.00                          |
| 2   | 1            | Inspector                      | 600.00                 | 600.00                            | 29                       | 1            | Hospital Helper (male)              | 100.00                 | 100.00                            |
| 3   | 1            | Director                       | 500.00                 | 500.00                            | 30                       | 2            | Hospital Helpers (male), at \$100   | 200.00                 | 200.00                            |
| 4   | 1            | Cook                           | 200.00                 | 200.00                            | 31                       | 1            | "                                   | 100.00                 | 100.00                            |
| 5   | 1            | "                              | 200.00                 | 200.00                            | 32                       | 1            | Operator (sewing machine)           | 100.00                 | 100.00                            |



| No.<br>1897. | No.<br>1898. | Description.                        | SALARY, Per<br>Mth. | Amount<br>Paid, per<br>Mth. | No.<br>1897. | No.<br>1898. | Description.                                 | SALARY, Per<br>Mth. | Amount<br>Paid, per<br>Mth. |
|--------------|--------------|-------------------------------------|---------------------|-----------------------------|--------------|--------------|--|---------------------|-----------------------------|
| 1            | 1            | Chief Clerk                         | \$144.00            | \$144.00                    | 1            | 1            | Hospital Helper                              | \$50.00             | \$50.00                     |
| 2            | 2            | Chief Clerk                         | 140.00              | 140.00                      | 2            | 2            | Hospital Helper, at \$25.                    | 144.00              | 144.00                      |
| 3            | 3            | Nurses (male), at \$200             | 1,200.00            | 1,200.00                    | 3            | 3            | Hospital Orderly                             | 100.00              | 100.00                      |
| 4            | 4            | Nurse (male)                        | 100.00              | 100.00                      | 4            | 4            | Hospital Orderly, at \$200                   | 1,000.00            | 1,000.00                    |
| 5            | 5            | Morgue Keeper                       | 100.00              | 100.00                      | 5            | 5            | Hospital Orderly                             | 100.00              | 100.00                      |
| 6            | 6            | Gardener                            | 100.00              | 100.00                      | 6            | 6            | Hospital Orderly, at \$200                   | 1,000.00            | 1,000.00                    |
| 7            | 7            | Tinsmith                            | 70.00               | 70.00                       | 7            | 7            | " " at \$200                                 | 2,000.00            | 2,000.00                    |
| 8            | 8            | Helpers (female), at \$25.          | 144.00              | 144.00                      | 8            | 8            | Maternity Helper, at \$25                    | 100.00              | 100.00                      |
| 9            | 9            | Receiving Orderly (female)          | 100.00              | 100.00                      | 9            | 9            | Skilled Helper                               | 100.00              | 100.00                      |
| 10           | 10           | Hospital Orderly                    | 100.00              | 100.00                      | 10           | 10           | Hospital Orderly                             | 100.00              | 100.00                      |
| 11           | 11           | Cook (male)                         | 114.00              | 114.00                      |              |              | <i>Amount from Hospital</i>                  |                     |                             |
| 12           | 12           | Hospital Helper (female)            | 100.00              | 100.00                      | 11           | 11           | Orderly, at \$25                             | 100.00              | 100.00                      |
| 13           | 13           | Hospital Orderly (female), at \$200 | 1,000.00            | 1,000.00                    | 12           | 12           | Nurses at \$200                              | 1,200.00            | 1,200.00                    |
| 14           | 14           | Laundress                           | 100.00              | 100.00                      |              |              | <i>Additional appointments—</i>              |                     |                             |
|              |              | <b>Additional Appointments—</b>     |                     |                             |              |              | <b>Night Nurse</b>                           | 100.00              | 100.00                      |
| 15           | 15           | Chief Clerk                         | 140.00              | 140.00                      |              |              | <i>Increases to former</i>                   |                     |                             |
| 16           | 16           | Baker                               | 100.00              | 100.00                      | 13           | 13           | Nurse  | 100.00              | 100.00                      |
| 17           | 17           | Assistant Superintending Nurse      | 100.00              | 100.00                      | 14           | 14           | Hospital Helper                              | 100.00              | 100.00                      |
| 18           | 18           | Electric Motor at \$400             | 100.00              | 100.00                      | 15           | 15           | Hospital Orderly                             | 100.00              | 100.00                      |
|              |              | <b>Increases to former—</b>         |                     |                             |              |              |  |                     |                             |
| 19           | 19           | Inspector                           | 100.00              | 100.00                      |              |              | <i>Sanitary Board, Assistant and Kitchen</i> |                     |                             |
| 20           | 20           | Fireman                             | 100.00              | 100.00                      | 16           | 16           | Superintendent                               | 100.00              | 100.00                      |
| 21           | 21           | Nurse (female)                      | 100.00              | 100.00                      | 17           | 17           | Matron                                       | 100.00              | 100.00                      |
| 22           | 22           | " (male)                            | 100.00              | 100.00                      | 18           | 18           | Chaplain                                     | 100.00              | 100.00                      |
| 23           | 23           | Hospital Helpers (male)             | 100.00              | 100.00                      | 19           | 19           | "  | 100.00              | 100.00                      |
|              |              | <b>Total</b>                        | <b>\$1,071.00</b>   | <b>\$1,071.00</b>           | 20           | 20           | "  | 100.00              | 100.00                      |
|              |              | <b>Boston Hospital</b>              |                     |                             | 21           | 21           | Teacher                                      | 100.00              | 100.00                      |
| 24           | 24           | Superintending Nurse                | 100.00              | 100.00                      | 22           | 22           | Teachers at \$200                            | 1,000.00            | 1,000.00                    |
| 25           | 25           | Druggist                            | 100.00              | 100.00                      |              |              | <b>City Hospital</b>                         |                     |                             |
| 26           | 26           | Forgetter                           | 100.00              | 100.00                      | 23           | 23           | Chief Clerk                                  | 100.00              | 100.00                      |
| 27           | 27           | Druggist, at \$200                  | 1,000.00            | 1,000.00                    | 24           | 24           | Assistant Clerk                              | 100.00              | 100.00                      |
| 28           | 28           | Cook                                | 100.00              | 100.00                      | 25           | 25           | Director at \$200                            | 1,000.00            | 1,000.00                    |
| 29           | 29           | Assistant Cook                      | 100.00              | 100.00                      | 26           | 26           | "  | 100.00              | 100.00                      |
| 30           | 30           | Laundress                           | 100.00              | 100.00                      | 27           | 27           | Teller                                       | 100.00              | 100.00                      |
| 31           | 31           | Waterman                            | 100.00              | 100.00                      | 28           | 28           | Inspector                                    | 100.00              | 100.00                      |
| 32           | 32           | Hospital Orderly                    | 100.00              | 100.00                      | 29           | 29           | "  | 100.00              | 100.00                      |
| 33           | 33           | Hospital Helpers, at \$200          | 1,000.00            | 1,000.00                    | 30           | 30           | Sanitary Board                               | 100.00              | 100.00                      |
| 34           | 34           | Hospital Helpers, at \$200          | 1,000.00            | 1,000.00                    | 31           | 31           | " at \$200                                   | 1,000.00            | 1,000.00                    |
|              |              | <b>Increases to former—</b>         |                     |                             | 32           | 32           | " at \$200                                   | 1,000.00            | 1,000.00                    |
| 35           | 35           | Hospital Helpers                    | 100.00              | 100.00                      | 33           | 33           | Thamit                                       | 100.00              | 100.00                      |
| 36           | 36           | Hospital Orderly                    | 100.00              | 100.00                      | 34           | 34           | "  | 100.00              | 100.00                      |
|              |              | <b>Total</b>                        | <b>\$1,071.00</b>   | <b>\$1,071.00</b>           | 35           | 35           | Gardener                                     | 100.00              | 100.00                      |
|              |              | <b>City Hospital</b>                |                     |                             | 36           | 36           | Shoemaker                                    | 100.00              | 100.00                      |
| 37           | 37           | Superintendent                      | 100.00              | 100.00                      | 37           | 37           | Pharmacist                                   | 100.00              | 100.00                      |
| 38           | 38           | Deputy Superintendent               | 100.00              | 100.00                      | 38           | 38           | Janitor                                      | 100.00              | 100.00                      |
| 39           | 39           | Chaplain, at \$200                  | 1,000.00            | 1,000.00                    | 39           | 39           | Barkeeper                                    | 100.00              | 100.00                      |
| 40           | 40           | Engineer                            | 100.00              | 100.00                      | 40           | 40           | Laundress                                    | 100.00              | 100.00                      |
| 41           | 41           | Assistant Engineers, at \$200       | 1,000.00            | 1,000.00                    | 41           | 41           | "  | 100.00              | 100.00                      |
| 42           | 42           | Apothecary                          | 100.00              | 100.00                      | 42           | 42           | Hospital Helpers, at \$200                   | 1,000.00            | 1,000.00                    |
| 43           | 43           | Assistant Apothecary                | 100.00              | 100.00                      | 43           | 43           | "  | 100.00              | 100.00                      |
| 44           | 44           | Pathologist                         | 100.00              | 100.00                      | 44           | 44           | "  | 100.00              | 100.00                      |
| 45           | 45           | Nurses, at \$200                    | 1,000.00            | 1,000.00                    | 45           | 45           | Hospital Orderly, at \$200                   | 1,000.00            | 1,000.00                    |
| 46           | 46           | Butler                              | 100.00              | 100.00                      | 46           | 46           | "  | 100.00              | 100.00                      |
| 47           | 47           | Domestic                            | 100.00              | 100.00                      | 47           | 47           | "  | 100.00              | 100.00                      |
| 48           | 48           | "                                   | 100.00              | 100.00                      | 48           | 48           | "  | 100.00              | 100.00                      |
| 49           | 49           | Chief Clerk                         | 100.00              | 100.00                      | 49           | 49           | "  | 100.00              | 100.00                      |
| 50           | 50           | Assistant Cook                      | 100.00              | 100.00                      | 50           | 50           | "  | 100.00              | 100.00                      |
| 51           | 51           | Dinner's Cook                       | 100.00              | 100.00                      | 51           | 51           | "  | 100.00              | 100.00                      |
| 52           | 52           | Superintendent's Cook               | 100.00              | 100.00                      | 52           | 52           | "  | 100.00              | 100.00                      |
| 53           | 53           | Skilled Laborer                     | 100.00              | 100.00                      | 53           | 53           | Waitress                                     | 100.00              | 100.00                      |
| 54           | 54           | Skilled Helper                      | 100.00              | 100.00                      | 54           | 54           | Sewer  | 100.00              | 100.00                      |
| 55           | 55           | "                                   | 100.00              | 100.00                      | 55           | 55           | Skilled Helper                               | 100.00              | 100.00                      |
| 56           | 56           | Seamstress                          | 100.00              | 100.00                      | 56           | 56           | Waiter                                       | 100.00              | 100.00                      |
| 57           | 57           | Inspector, at \$200                 | 1,000.00            | 1,000.00                    | 57           | 57           | Inspector                                    | 100.00              | 100.00                      |
| 58           | 58           | Inspector                           | 100.00              | 100.00                      |              |              | <b>Increases to former—</b>                  |                     |                             |
| 59           | 59           | Superintending Nurse, at \$200      | 1,000.00            | 1,000.00                    | 58           | 58           | Hospital Helpers                             | 100.00              | 100.00                      |
| 60           | 60           | Fireman                             | 100.00              | 100.00                      | 59           | 59           | Hospital Orderly                             | 100.00              | 100.00                      |
| 61           | 61           | Morgue Superintendent               | 100.00              | 100.00                      |              |              | <b>Total</b>                                 | <b>\$1,071.00</b>   | <b>\$1,071.00</b>           |
| 62           | 62           | Florist                             | 100.00              | 100.00                      |              |              | <b>Lyons Hospital</b>                        |                     |                             |
| 63           | 63           | Laundress                           | 100.00              | 100.00                      | 60           | 60           | Matron (Chief of State)                      | 100.00              | 100.00                      |
| 64           | 64           | Assistant Laundress                 | 100.00              | 100.00                      | 61           | 61           | Stenographer                                 | 100.00              | 100.00                      |
| 65           | 65           | Carpenter                           | 100.00              | 100.00                      | 62           | 62           | Fireman                                      | 100.00              | 100.00                      |
| 66           | 66           | Female Closets room Keeper          | 100.00              | 100.00                      | 63           | 63           | Fireman, at \$200                            | 1,000.00            | 1,000.00                    |
| 67           | 67           | Hospital Helpers, at \$200          | 1,000.00            | 1,000.00                    | 64           | 64           | Plumber                                      | 100.00              | 100.00                      |
| 68           | 68           | " at \$200                          | 1,000.00            | 1,000.00                    | 65           | 65           | Engineer                                     | 100.00              | 100.00                      |
| 69           | 69           | " at \$200                          | 1,000.00            | 1,000.00                    | 66           | 66           | Cook   | 100.00              | 100.00                      |
| 70           | 70           | " at \$200                          | 1,000.00            | 1,000.00                    | 67           | 67           | "  | 100.00              | 100.00                      |



| No. | No. | Designation          | Estimated Pay, 1897. | Amounts Ascertained, 1897. | No. | No. | Designation                            | Estimated Pay, 1897. | Amounts Ascertained, 1897. |
|-----|-----|----------------------|----------------------|----------------------------|-----|-----|--|----------------------|----------------------------|
| 1   | 1   | Mayor                | \$400.00             | \$400.00                   | 1   | 1   | Firemen, at \$4.00                     | \$1,440.00           | \$1,440.00                 |
| 2   | 2   | Comptroller          | 150.00               | 150.00                     | 2   | 2   | Sanitation                             | 200.00               | 240.00                     |
| 3   | 3   | Night Watchmen       | 480.00               | 480.00                     | 3   | 3   | Commissioner                           | 100.00               | 100.00                     |
| 4   | 4   | Police Stationers    | 100.00               | 100.00                     | 4   | 4   | Stenographer and Typewriter            | 400.00               | 721.41                     |
| 5   | 5   | Assessment Collector | 400.00               | 400.00                     | 5   | 5   | Laundrymen                             | 400.00               | 360.00                     |
| 6   | 6   | Engineers            | 300.00               | 300.00                     | 6   | 6   | Impoverished                           | 300.00               | 300.00                     |
| 7   | 7   | Physicians           | 100.00               | 100.00                     | 7   | 7   | Assistant Watchmen                     | 100.00               | 100.00                     |
| 8   | 8   | Pharmaceuticals      | 100.00               | 100.00                     | 8   | 8   | Witness to Superintendent's family     | 50.00                | 50.00                      |
| 9   | 9   | Assistant Watchmen   | 400.00               | 400.00                     | 9   | 9   | Medical Book Attendance, at \$40       | 400.00               | 400.00                     |
| 10  | 10  | Laundrymen           | 400.00               | 400.00                     | 10  | 10  | Butcher                                | 500.00               | 500.00                     |
| 11  | 11  | Witness              | 50.00                | 50.00                      | 11  | 11  | Cook in Deputy Superintendent's family | 440.00               | 440.00                     |
| 12  | 12  | Laundrymen           | 400.00               | 400.00                     | 12  | 12  | Witness                                | 50.00                | 50.00                      |
| 13  | 13  | Laundrymen           | 400.00               | 400.00                     | 13  | 13  | Laundrymen                             | 400.00               | 400.00                     |
| 14  | 14  | Laundrymen           | 400.00               | 400.00                     | 14  | 14  | Hospital Dietaries, at \$100           | 1,400.00             | 1,400.00                   |
| 15  | 15  | Laundrymen           | 400.00               | 400.00                     | 15  | 15  | "                                      | 1,400.00             | 1,400.00                   |
| 16  | 16  | Laundrymen           | 400.00               | 400.00                     | 16  | 16  | "                                      | 1,400.00             | 1,400.00                   |
| 17  | 17  | Laundrymen           | 400.00               | 400.00                     | 17  | 17  | Hospital Dietaries, at \$100           | 1,400.00             | 1,400.00                   |
| 18  | 18  | Laundrymen           | 400.00               | 400.00                     | 18  | 18  | "                                      | 1,400.00             | 1,400.00                   |
| 19  | 19  | Laundrymen           | 400.00               | 400.00                     | 19  | 19  | "                                      | 1,400.00             | 1,400.00                   |
| 20  | 20  | Laundrymen           | 400.00               | 400.00                     | 20  | 20  | "                                      | 1,400.00             | 1,400.00                   |
| 21  | 21  | Laundrymen           | 400.00               | 400.00                     | 21  | 21  | "                                      | 1,400.00             | 1,400.00                   |
| 22  | 22  | Laundrymen           | 400.00               | 400.00                     | 22  | 22  | "                                      | 1,400.00             | 1,400.00                   |
| 23  | 23  | Laundrymen           | 400.00               | 400.00                     | 23  | 23  | "                                      | 1,400.00             | 1,400.00                   |
| 24  | 24  | Laundrymen           | 400.00               | 400.00                     | 24  | 24  | "                                      | 1,400.00             | 1,400.00                   |
| 25  | 25  | Laundrymen           | 400.00               | 400.00                     | 25  | 25  | "                                      | 1,400.00             | 1,400.00                   |
| 26  | 26  | Laundrymen           | 400.00               | 400.00                     | 26  | 26  | "                                      | 1,400.00             | 1,400.00                   |
| 27  | 27  | Laundrymen           | 400.00               | 400.00                     | 27  | 27  | "                                      | 1,400.00             | 1,400.00                   |
| 28  | 28  | Laundrymen           | 400.00               | 400.00                     | 28  | 28  | "                                      | 1,400.00             | 1,400.00                   |
| 29  | 29  | Laundrymen           | 400.00               | 400.00                     | 29  | 29  | "                                      | 1,400.00             | 1,400.00                   |
| 30  | 30  | Laundrymen           | 400.00               | 400.00                     | 30  | 30  | "                                      | 1,400.00             | 1,400.00                   |
| 31  | 31  | Laundrymen           | 400.00               | 400.00                     | 31  | 31  | "                                      | 1,400.00             | 1,400.00                   |
| 32  | 32  | Laundrymen           | 400.00               | 400.00                     | 32  | 32  | "                                      | 1,400.00             | 1,400.00                   |
| 33  | 33  | Laundrymen           | 400.00               | 400.00                     | 33  | 33  | "                                      | 1,400.00             | 1,400.00                   |
| 34  | 34  | Laundrymen           | 400.00               | 400.00                     | 34  | 34  | "                                      | 1,400.00             | 1,400.00                   |
| 35  | 35  | Laundrymen           | 400.00               | 400.00                     | 35  | 35  | "                                      | 1,400.00             | 1,400.00                   |
| 36  | 36  | Laundrymen           | 400.00               | 400.00                     | 36  | 36  | "                                      | 1,400.00             | 1,400.00                   |
| 37  | 37  | Laundrymen           | 400.00               | 400.00                     | 37  | 37  | "                                      | 1,400.00             | 1,400.00                   |
| 38  | 38  | Laundrymen           | 400.00               | 400.00                     | 38  | 38  | "                                      | 1,400.00             | 1,400.00                   |
| 39  | 39  | Laundrymen           | 400.00               | 400.00                     | 39  | 39  | "                                      | 1,400.00             | 1,400.00                   |
| 40  | 40  | Laundrymen           | 400.00               | 400.00                     | 40  | 40  | "                                      | 1,400.00             | 1,400.00                   |
| 41  | 41  | Laundrymen           | 400.00               | 400.00                     | 41  | 41  | "                                      | 1,400.00             | 1,400.00                   |
| 42  | 42  | Laundrymen           | 400.00               | 400.00                     | 42  | 42  | "                                      | 1,400.00             | 1,400.00                   |
| 43  | 43  | Laundrymen           | 400.00               | 400.00                     | 43  | 43  | "                                      | 1,400.00             | 1,400.00                   |
| 44  | 44  | Laundrymen           | 400.00               | 400.00                     | 44  | 44  | "                                      | 1,400.00             | 1,400.00                   |
| 45  | 45  | Laundrymen           | 400.00               | 400.00                     | 45  | 45  | "                                      | 1,400.00             | 1,400.00                   |
| 46  | 46  | Laundrymen           | 400.00               | 400.00                     | 46  | 46  | "                                      | 1,400.00             | 1,400.00                   |
| 47  | 47  | Laundrymen           | 400.00               | 400.00                     | 47  | 47  | "                                      | 1,400.00             | 1,400.00                   |
| 48  | 48  | Laundrymen           | 400.00               | 400.00                     | 48  | 48  | "                                      | 1,400.00             | 1,400.00                   |
| 49  | 49  | Laundrymen           | 400.00               | 400.00                     | 49  | 49  | "                                      | 1,400.00             | 1,400.00                   |
| 50  | 50  | Laundrymen           | 400.00               | 400.00                     | 50  | 50  | "                                      | 1,400.00             | 1,400.00                   |
| 51  | 51  | Laundrymen           | 400.00               | 400.00                     | 51  | 51  | "                                      | 1,400.00             | 1,400.00                   |
| 52  | 52  | Laundrymen           | 400.00               | 400.00                     | 52  | 52  | "                                      | 1,400.00             | 1,400.00                   |
| 53  | 53  | Laundrymen           | 400.00               | 400.00                     | 53  | 53  | "                                      | 1,400.00             | 1,400.00                   |
| 54  | 54  | Laundrymen           | 400.00               | 400.00                     | 54  | 54  | "                                      | 1,400.00             | 1,400.00                   |
| 55  | 55  | Laundrymen           | 400.00               | 400.00                     | 55  | 55  | "                                      | 1,400.00             | 1,400.00                   |
| 56  | 56  | Laundrymen           | 400.00               | 400.00                     | 56  | 56  | "                                      | 1,400.00             | 1,400.00                   |
| 57  | 57  | Laundrymen           | 400.00               | 400.00                     | 57  | 57  | "                                      | 1,400.00             | 1,400.00                   |
| 58  | 58  | Laundrymen           | 400.00               | 400.00                     | 58  | 58  | "                                      | 1,400.00             | 1,400.00                   |
| 59  | 59  | Laundrymen           | 400.00               | 400.00                     | 59  | 59  | "                                      | 1,400.00             | 1,400.00                   |
| 60  | 60  | Laundrymen           | 400.00               | 400.00                     | 60  | 60  | "                                      | 1,400.00             | 1,400.00                   |
| 61  | 61  | Laundrymen           | 400.00               | 400.00                     | 61  | 61  | "                                      | 1,400.00             | 1,400.00                   |
| 62  | 62  | Laundrymen           | 400.00               | 400.00                     | 62  | 62  | "                                      | 1,400.00             | 1,400.00                   |
| 63  | 63  | Laundrymen           | 400.00               | 400.00                     | 63  | 63  | "                                      | 1,400.00             | 1,400.00                   |
| 64  | 64  | Laundrymen           | 400.00               | 400.00                     | 64  | 64  | "                                      | 1,400.00             | 1,400.00                   |
| 65  | 65  | Laundrymen           | 400.00               | 400.00                     | 65  | 65  | "                                      | 1,400.00             | 1,400.00                   |
| 66  | 66  | Laundrymen           | 400.00               | 400.00                     | 66  | 66  | "                                      | 1,400.00             | 1,400.00                   |
| 67  | 67  | Laundrymen           | 400.00               | 400.00                     | 67  | 67  | "                                      | 1,400.00             | 1,400.00                   |
| 68  | 68  | Laundrymen           | 400.00               | 400.00                     | 68  | 68  | "                                      | 1,400.00             | 1,400.00                   |
| 69  | 69  | Laundrymen           | 400.00               | 400.00                     | 69  | 69  | "                                      | 1,400.00             | 1,400.00                   |
| 70  | 70  | Laundrymen           | 400.00               | 400.00                     | 70  | 70  | "                                      | 1,400.00             | 1,400.00                   |
| 71  | 71  | Laundrymen           | 400.00               | 400.00                     | 71  | 71  | "                                      | 1,400.00             | 1,400.00                   |
| 72  | 72  | Laundrymen           | 400.00               | 400.00                     | 72  | 72  | "                                      | 1,400.00             | 1,400.00                   |
| 73  | 73  | Laundrymen           | 400.00               | 400.00                     | 73  | 73  | "                                      | 1,400.00             | 1,400.00                   |
| 74  | 74  | Laundrymen           | 400.00               | 400.00                     | 74  | 74  | "                                      | 1,400.00             | 1,400.00                   |
| 75  | 75  | Laundrymen           | 400.00               | 400.00                     | 75  | 75  | "                                      | 1,400.00             | 1,400.00                   |
| 76  | 76  | Laundrymen           | 400.00               | 400.00                     | 76  | 76  | "                                      | 1,400.00             | 1,400.00                   |
| 77  | 77  | Laundrymen           | 400.00               | 400.00                     | 77  | 77  | "                                      | 1,400.00             | 1,400.00                   |
| 78  | 78  | Laundrymen           | 400.00               | 400.00                     | 78  | 78  | "                                      | 1,400.00             | 1,400.00                   |
| 79  | 79  | Laundrymen           | 400.00               | 400.00                     | 79  | 79  | "                                      | 1,400.00             | 1,400.00                   |
| 80  | 80  | Laundrymen           | 400.00               | 400.00                     | 80  | 80  | "                                      | 1,400.00             | 1,400.00                   |
| 81  | 81  | Laundrymen           | 400.00               | 400.00                     | 81  | 81  | "                                      | 1,400.00             | 1,400.00                   |
| 82  | 82  | Laundrymen           | 400.00               | 400.00                     | 82  | 82  | "                                      | 1,400.00             | 1,400.00                   |
| 83  | 83  | Laundrymen           | 400.00               | 400.00                     | 83  | 83  | "                                      | 1,400.00             | 1,400.00                   |
| 84  | 84  | Laundrymen           | 400.00               | 400.00                     | 84  | 84  | "                                      | 1,400.00             | 1,400.00                   |
| 85  | 85  | Laundrymen           | 400.00               | 400.00                     | 85  | 85  | "                                      | 1,400.00             | 1,400.00                   |
| 86  | 86  | Laundrymen           | 400.00               | 400.00                     | 86  | 86  | "                                      | 1,400.00             | 1,400.00                   |
| 87  | 87  | Laundrymen           | 400.00               | 400.00                     | 87  | 87  | "                                      | 1,400.00             | 1,400.00                   |
| 88  | 88  | Laundrymen           | 400.00               | 400.00                     | 88  | 88  | "                                      | 1,400.00             | 1,400.00                   |
| 89  | 89  | Laundrymen           | 400.00               | 400.00                     | 89  | 89  | "                                      | 1,400.00             | 1,400.00                   |
| 90  | 90  | Laundrymen           | 400.00               | 400.00                     | 90  | 90  | "                                      | 1,400.00             | 1,400.00                   |
| 91  | 91  | Laundrymen           | 400.00               | 400.00                     | 91  | 91  | "                                      | 1,400.00             | 1,400.00                   |
| 92  | 92  | Laundrymen           | 400.00               | 400.00                     | 92  | 92  | "                                      | 1,400.00             | 1,400.00                   |
| 93  | 93  | Laundrymen           | 400.00               | 400.00                     | 93  | 93  | "                                      | 1,400.00             | 1,400.00                   |
| 94  | 94  | Laundrymen           | 400.00               | 400.00                     | 94  | 94  | "                                      | 1,400.00             | 1,400.00                   |
| 95  | 95  | Laundrymen           | 400.00               | 400.00                     | 95  | 95  | "                                      | 1,400.00             | 1,400.00                   |
| 96  | 96  | Laundrymen           | 400.00               | 400.00                     | 96  | 96  | "                                      | 1,400.00             | 1,400.00                   |
| 97  | 97  | Laundrymen           | 400.00               | 400.00                     | 97  | 97  | "                                      | 1,400.00             | 1,400.00                   |
| 98  | 98  | Laundrymen           | 400.00               | 400.00                     | 98  | 98  | "                                      | 1,400.00             | 1,400.00                   |
| 99  | 99  | Laundrymen           | 400.00               | 400.00                     | 99  | 99  | "                                      | 1,400.00             | 1,400.00                   |
| 100 | 100 | Laundrymen           | 400.00               | 400.00                     | 100 | 100 | "                                      | 1,400.00             | 1,400.00                   |

| No.<br>Act.<br>Chap. | No.<br>Nov.<br>1897. | No.<br>Nov.<br>1898. | Designation.                          | Salaries,<br>November,<br>1897. | Salaries,<br>January,<br>1898. | Amounts<br>Ascertained<br>1897. |
|----------------------|----------------------|----------------------|---------------------------------------|---------------------------------|--------------------------------|---------------------------------|
|                      |                      |                      | <i>Lawrenceburg, Mo. Hardest Men.</i> |                                 |                                |                                 |
| 1                    | 1                    | 100                  | Superintendent                        | \$4,000.00                      | \$4,000.00                     | 4,000.00                        |
| 2                    | 2                    | —                    | Engineers, at \$4.00                  | \$700.00                        | \$700.00                       | 700.00                          |
| 3                    | 3                    | 100                  | Night Officers, at \$2.00             | 1,400.00                        | 700.00                         | 1,400.00                        |
| 4                    | 4                    | 100                  | Physicians, at \$100.00               | 1,000.00                        | 500.00                         | 1,000.00                        |
| 5                    | 5                    | 100                  | Helpers                               | 500.00                          | 500.00                         | 500.00                          |
| 6                    | 6                    | —                    | "                                     | 344.00                          | 344.00                         | 344.00                          |
| 7                    | 7                    | 100                  | Assistant Superintendent              | 1,400.00                        | 1,400.00                       | 1,400.00                        |
| 8                    | 8                    | 100                  | Investigator, at \$100.00             | 1,000.00                        | 1,000.00                       | 1,000.00                        |
| 9                    | 9                    | —                    | Helpers, at \$100.00                  | 500.00                          | 500.00                         | 500.00                          |
|                      |                      |                      |                                       | \$20,124.00                     | \$20,644.00                    | \$20,644.00                     |



|   |            |
|---|------------|
| 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                    | 1,400 00   |
| Storekeeper, 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   |
| Seward, 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                     | 216 00     |
| Elevator Operator, per annum                | 240 00     |
| Doorman, per annum                          | 288 00     |
| Doorman, per annum                          | 216 00     |
| Attendant, per annum                        | 240 00     |
| Attendant, per annum                        | 216 00     |
| Nurse, per annum                            | 360 00     |
| 5 Nurses, per annum each                    | 300 00     |
| 3 Nurses, per annum each                    | 204 00     |
| 6 Nurses, per annum each                    | 240 00     |
| 14 Nurses, per annum each                   | 216 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     |
| O. 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                         | 216 00     |
| Waitress, per annum                         | 192 00     |
| Waitress, per annum                         | 144 00     |
| Laundress, per annum                        | 216 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                    | 216 00     |
| 3 Nurses, per annum each                    | 168 00     |
| 12 Paup Nurses, per annum each              | 96 00      |

Total..... \$99,616 00

Salaries for 1901, 1910.

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

#### Supplies.

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 Queens for the year 1898..... 7,800 00

Total..... \$184,804 31

#### Additions, Alterations, Repairs.

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

2,564 00

Probable increase..... 500 00

Rent for branch offices, Queens County, other than Long Island City..... 300 00

#### Grand Army Veterans.

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

#### County Wards.

December 31, 1897, 3,468 children in various homes, at 25 cents per day amounts to..... \$314,922 50

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

\$397,742 50

#### Contingent expenses—

Foundlings..... \$500 00

Investigators' disbursements..... 1,000 00

Postage, \$500; general disbursements, \$1,000..... 1,500 00

#### ESTIMATE OF EXPENSES, PUBLIC CHARITIES—BOROUGH OF RICHMOND.

|   | 1897.       | 1898.       |
|---|-------------|-------------|
| 1. Salary, Commissioner   | .....       | \$2,000 00  |
| 2. " Deputy Commissioner, subject to approval of Board of Estimate and Apportionment and Municipal Assembly                 | .....       | 1,800 00    |
| 3. " Clerk in Commissioner's Office   | .....       | 1,000 00    |
| 4. " Investigators, temporary relief, vagrants and indigent persons, direct   | .....       | 2,500 00    |
| 5. " Superintendent and Keeper of Almshouse and County Farm   | .....       | 1,000 00    |
| 6. " Clerk at Almshouse   | .....       | 400 00      |
| 7. " Matron at Almshouse  | .....       | 400 00      |
| 8. " Assistant Matron at Almshouse  | .....       | 200 00      |
| 9. " Steamcooks at Almshouse  | .....       | 400 00      |
| 10. " Foreman and Farm at Almshouse   | .....       | 400 00      |
| 11. " Burial at Almshouse   | .....       | 1,400 00    |
| 12. " Watchman at Almshouse   | .....       | 700 00      |
| 13. " Physician at Almshouse  | .....       | 200 00      |
| 14. Children's board  | .....       | 1000 00     |
| 15. Almshouse   | .....       | 1000 00     |
| 16. Money, food and poultry   | .....       | 1,000 00    |
| 17. Housewary, farm implements, fertilizers and seed  | .....       | 500 00      |
| 18. Dry goods and clothing  | .....       | 1,000 00    |
| 19. Blacksmithing and tailoring   | .....       | 500 00      |
| 20. Medicines   | .....       | 500 00      |
| 21. Board and shoes   | .....       | 200 00      |
| 22. Lumber and heavy materials  | .....       | 100 00      |
| 23. Fuel and wood   | .....       | 1,000 00    |
| 24. Oats, meal and bran   | .....       | 500 00      |
| 25. Bedsteads, mattresses and blankets  | .....       | 100 00      |
| 26. Repairs to buildings, etc., white hall  | .....       | 1,000 00    |
| 27. Contingencies, to wit: Pumping for Laundry, 2 years; 2 horses; 2 hay-racks; 1 miscellaneous supplies, telephone service | .....       | 5,000 00    |
| 28. Temporary relief chapter 339, Laws of 1897  | .....       | 1,741 00    |
| 29. Relief of indigent veterans (chapter 700, Laws of 1897; chapter 100, Laws of 1889)                                      | .....       | 1,000 00    |
|   | \$10,100 00 | \$11,170 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 339, Laws of 1897. 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 700, Laws of 1887; 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.

#### RECAPITULATION.

Total estimated for 1898..... \$41,176 00

Total 1897..... 31,379 65

Excess 1898 over 1897..... \$9,796 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

24,741 00

\$16,435 00

DEPARTMENT OF PUBLIC CHARITIES,  
COMMISSIONER'S 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



|  |             |
|--|-------------|
| Ventilation, Bellevue Hospital.....              | \$1,000 00  |
| Pressure water system, Bellevue Hospital.....    | 1,500 00    |
| Added to boiler and steam plant, Alms House..... | 40,000 00   |
| Alteration to Mills Building.....                | 2,500 00    |
| Extension to water system, City Hospital.....    | 300 00      |
| Total amount additional.....                     | \$45,300 00 |
| Cost of ordinary repairs, 1897.....              | 50,000 00   |
| Grand Total.....                                 | \$95,300 00 |

Respectfully submitted,  
WM. F. YATES, Supervising Engineer.

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

#### To the Board of Estimate and Apportionment:

ALBANY, N. Y.—The estimate submitted by the Department of Public Charities for the year 1898 aggregates in all the boroughs the sum of \$2,317,457.88, being \$261,350.38 more than the amount included in the budget of the Board of Estimate and Apportionment for the City of New York and the County of Richmond.

The amounts recommended to be allowed by the Comptroller aggregate \$4,083,483, being \$614,074.88 less than the amounts requested.

#### BOROUGH OF MANHATTAN.

|   |              |
|---|--------------|
| The amount appropriated for salaries for 1898 is..... | \$902,705 00 |
| The amount asked for salaries.....                    | 1,078,829 43 |
| Recommended an appropriation of.....                  | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

|   |              |
|---|--------------|
| The amount appropriated for salaries..... | \$100,200 00 |
| The amount asked for salaries.....        | 1,078,829 43 |
| Recommended an appropriation of.....      | 100,200 00   |

—Being a reduction of.....

Yours, respectfully,  
B. S. COLER, 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:

#### DEPARTMENT OF PUBLIC CHARITIES, BOROUGH OF MANHATTAN AND THE Bronx.

|  |                |
|--|----------------|
| Salaries.....  | \$400,305 00   |
| Supplies.....  | 800,000 00     |
| Alterations, Additions and Repairs to Buildings and Apparatus..... | 75,000 00      |
| Transportation of Paupers, Medicines, Coffins, etc.....            | 1,000 00       |
| Poor Adult Blind.....  | 50,000 00      |
| Rents for Harlem and Fordham Hospitals.....                        | 10,000 00      |
| Rent for Governors Hospital Stables.....                           | 1,200 00       |
| Lodging-house for Homeless Men.....                                | 20,000 00      |
| Clothing for Inmate Patients.....                                  | 10,000 00      |
| New Ambulances, Horses, Harness and Repairs.....                   | 2,500 00       |
| Clothing for Epileptics sent to Craig Colony.....                  | 2,500 00       |
| Total.....   | \$1,354,005 00 |

#### BOROUGH OF BROOKLYN AND QUEENS.

|   |              |
|---|--------------|
| Salaries.....                           | \$95,305 00  |
| Supplies.....                           | 115,000 00   |
| Alterations, Additions and Repairs..... | 5,000 00     |
| Fire-escapes.....                       | 12,000 00    |
| Build of Pauper Dead.....               | 2,000 00     |
| Transportation of Paupers.....          | 1,000 00     |
| Poor Adult Blind.....                   | 10,000 00    |
| Rents.....                              | 2,504 00     |
| Total.....                              | \$227,809 00 |

#### BOROUGH OF RICHMOND.

|                           |             |
|---------------------------|-------------|
| Salaries.....             | \$7,120 00  |
| Supplies.....             | 15,625 00   |
| Repairs to Buildings..... | 500 00      |
| Total.....                | \$23,245 00 |

Total..... \$1,671,213 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:

#### BOARD OF PUBLIC IMPROVEMENTS, APPROXIMATE FOR THE YEAR 1898.

|   |             |
|---|-------------|
| Salary of President.....                                  | \$8,000 00  |
| Salary of Secretary in Board.....                         | 5,000 00    |
| Salary of Chief Engineer.....                             | 5,000 00    |
| Salary of Consulting Engineer.....                        | 1,500 00    |
| Salary of Private Secretary to President.....             | 2,400 00    |
| Salary of General Bookkeeper.....                         | 2,610 00    |
| Salary of Controller and Specifications Clerk.....        | 1,500 00    |
| Salary of a Clerk, at \$4,000.....                        | 1,800 00    |
| Salary of a Clerk, at \$4,000.....                        | 1,500 00    |
| Salary of a Clerk, at \$4,000.....                        | 1,500 00    |
| Salary of a Surveyor and Typewriter, at \$1,000 each..... | 2,400 00    |
| Salary of a Messenger, at \$1,000 each.....               | 3,000 00    |
| Total.....  | \$50,010 00 |

#### Office of Engineer in Charge of Street Opening, Borough of Manhattan.

|   |            |
|---|------------|
| Joseph G. H. Webster, Assistant Engineer.....                                 | \$2,000 00 |
| Edmund G. Martin, Draftsman.....  | 1,200 00   |
| George W. Vance, Jr., Draftsman.....  | 1,200 00   |
| Eugene F. Ashbam, Draftsman.....  | 1,200 00   |
| Clerk in charge of maps, etc., Board of Street Opening, Y. R. Livingston..... | 1,200 00   |
| Total.....  | \$6,800 00 |

#### BOROUGH OF MANHATTAN.

There is no comprehensive official map of the Borough of Manhattan. Many of the streets are only shown on detached maps. The streets that have been added to the old city should be shown on the comprehensive official map to be immediately prepared.

The layout of a large part of the city since One Hundred and Fifty-fifth Street has never been completed, and it is found that great error exists in the location of monuments and of street lines. A complete survey is imperatively needed to show, and the completion of the survey in progress at the time this part of the city was transferred from the control of the Park Department to the Department of Public Works. Until this is done the sewerage plan cannot be made.

The amount asked for is immediately and imperatively needed to complete the survey and monumenting of the borough.

#### Salaries of Engineers, Surveyors, and Draftsmen.

|  |             |
|--|-------------|
| Salary of five Assistant Engineers, at \$2,000 each..... | \$10,000 00 |
| Three Draftsmen, at \$1,000 each.....                    | 3,000 00    |
| Six Assistants, at \$750 each.....                       | 4,500 00    |
| Three Draftsmen, at \$1,200 each.....                    | 3,600 00    |
| Senders (eight), at \$500 each.....                      | 4,000 00    |
| Three Draftsmen, at \$1,000 each.....                    | 3,000 00    |
| Four Computers, at \$1,200 each.....                     | 4,800 00    |
| Total.....   | \$31,900 00 |

#### BOROUGH OF THE Bronx.

The Topographical Bureau, which, under the new Charter, comes under the jurisdiction of the President of the Board of Public Improvements, is now organized, and Mr. Hutton, the late Commissioner of the Twenty-third and Twenty-fourth Wards is the President of this bureau.

The work of surveying and mapping in this borough is largely increased by the improving on the preparation of all maps and surveys required in street openings. There are now over three hundred such proceedings in progress.

#### Recent Estimates.

|  |              |
|--|--------------|
| 1. Surveying, laying out maps, plans, etc., making topographical survey and maps of that part of the Borough of the Bronx lying east of the Bronx River.....     | \$150,075 00 |
| 2. The Grand Boulevard and Concourse (surveys and plans).....  | 10,000 00    |
| 3. Copying records in the various registers' offices and courts of record.....   | 3,200 00     |
| 4. Furnishing Commissioners of Highways and Sewers with necessary lines and data after removal of monuments and replacing the same.....                          | 8,000 00     |
| 5. Monumenting avenues and streets established under authority of chapter 545 of the Laws of 1890, and amendatory acts, and chapter 378 of the Laws of 1897..... | 20,000 00    |
| 6. Lithographing and printing maps and plans.....  | 4,000 00     |

Following are the names and amounts to be paid to employees:

|  |            |
|--|------------|
| Louis A. Rose, Chief Topographical Engineer and Engineer of Concourse..... | \$5,000 00 |
| F. Griesenberg, Principal Assistant Topographical Engineer.....            | 3,500 00   |
| William S. Dulymphe, Assistant Engineer.....                               | 2,250 00   |
| Nathaniel McConaghie, Assistant Engineer.....                              | 1,800 00   |
| Edward H. Holden, Assistant Engineer.....                                  | 2,100 00   |
| H. P. Nichols, Assistant Engineer.....                                     | 2,100 00   |
| William W. Klein, Assistant Engineer.....                                  | 1,920 00   |
| Ernest Akner, Assistant Engineer.....                                      | 2,000 00   |
| G. J. Bivchof, Assistant Engineer.....                                     | 2,000 00   |
| John C. Heron, Assistant Engineer.....                                     | 2,100 00   |
| John H. Schaefer, Assistant Engineer.....                                  | 2,100 00   |
| Noah Cummings, Assistant Engineer.....                                     | 1,200 00   |
| William H. Marston, Assistant Engineer.....                                | 1,500 00   |
| Jenks B. Jenkins, Assistant Engineer.....                                  | 1,380 00   |
| C. R. Ward, Assistant Engineer.....  | 1,380 00   |
| Walter A. Herchenrath, Assistant Engineer.....                             | 1,380 00   |
| H. K. Endemann, Assistant Engineer.....                                    | 1,200 00   |
| Philip Gies, Assistant Engineer.....                                       | 1,200 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    | 1,500 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. Arnold, 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. Pacifico, 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   |
| J. J. Klechka, Computer and Draughtsman       | 1,200 00   |
| William F. Lase, Computer and Draughtsman     | 1,140 00   |
| Herman Graeger, 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 Dulan, Topographical Draughtsman       | 1,200 00   |
| Allison Bolce, Topographical Draughtsman      | 1,100 00   |
| B. Windawsky, Topographical Draughtsman       | 1,000 00   |
| Ernest J. Plassman, Topographical Draughtsman | 1,200 00   |
| Henry Milten, Topographical Draughtsman       | 960 00     |
| Benjamin W. Homans, Topographical Draughtsman | 1,140 00   |
| Leroy F. Cox, Topographical Draughtsman       | 1,200 00   |
| Henry Klutz, Topographical Draughtsman        | 960 00     |
| H. J. Kueppel, Topographical Draughtsman      | 960 00     |
| Otto A. Ebbingsham, 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, Transmittan                       | 1,020 00   |
| William Kumble, Transmittan                   | 1,020 00   |
| F. M. Hartmann, Transmittan                   | 1,020 00   |
| George E. Wazsche, Transmittan                | 1,020 00   |
| A. B. Satterlee, Transmittan                  | 1,020 00   |
| E. P. Raussey, Transmittan                    | 1,200 00   |
| John F. Turpey, Leveler                       | 1,320 00   |
| Philip Aylett, Leveler                        | 900 00     |
| C. P. Bennett, Leveler                        | 1,140 00   |
| Camille Masera, Leveler                       | 1,140 00   |
| C. C. Guion, Leveler                          | 900 00     |
| C. F. Peabody, Leveler                        | 1,000 00   |
| P. J. Murphy, Leveler                         | 900 00     |
| F. J. Ackerman, Rodman                        | 1,400 00   |
| G. F. Lawrence, Rodman                        | 1,180 00   |
| H. E. Goerner, 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                     | 960 00     |
| N. G. Hillstburgh, Chairman                   | 960 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. Skenton, Axeman                     | 720 00     |
| John J. Schneider, Axeman                     | 720 00     |
| William H. Gilliland, Axeman                  | 720 00     |
| James H. Hopkins, Axeman                      | 720 00     |
| William Dierolf, Axeman                       | 720 00     |
| Samuel A. Repper, Axeman                      | 720 00     |
| Henry Brantfort, 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     |
| P. H. Smith, Clerk                            | 1,500 00   |
| A. Hoyer, 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.

(7) 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 \$10,000, 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 \$900 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 \$31,380, a reduction of \$920.

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 Transmittan, 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 Transmittan, \$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.

|   |                    |
|---|--------------------|
| 1 Chief Assistant Engineer, \$3,500         | \$3,500 00         |
| 4 Assistant Engineers, \$2,000 each         | 8,000 00           |
| 4 Transmitters, \$1,500 each                | 6,000 00           |
| 4 Rodmen, \$1,000 each                      | 4,000 00           |
| 8 Assemen, \$750 each                       | 6,000 00           |
| 4 Sounders, \$600 each                      | 2,400 00           |
| 1 Chief Computer, \$1,500                   | 1,500 00           |
| 3 Draughtsmen, \$1,500 each                 | 4,500 00           |
| 1 Mapping and Record Copying Clerk, \$1,500 | 1,500 00           |
|   | <b>\$37,600 00</b> |

## Contingencies.

Transportation, telegraph, telephone, postage, providing stakes, sharpening tools, etc., in the Boroughs of Manhattan, Bronx, Brooklyn, Queens and Richmond...

|   |                    |
|---|--------------------|
| 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           |
|   | <b>\$17,250 00</b> |

## RECAPITULATION.

|  | Final Estimate, December 30, 1897 | Proposed Estimate      |
|--|-----------------------------------|------------------------|
| Surveying, laying out, plans, etc., making topographical survey and maps of that part of the Borough of The Bronx lying east of the Bronx river                            | \$48,075 00                       | \$43,075 00            |
| Surveying and plans, Grand Boulevard and Concourse   | 20,000 00                         | 20,000 00              |
| Copying records in the various Registers, offices and Courts of Records  | 2,000 00                          | 2,000 00               |
| Furnishing Commissioners of Highways and Sewers with necessary lines and data after removal of monuments and replacing the same  | 1,000 00                          | 1,000 00               |
| Monumenting streets and avenues (through or border, established under authority of chapter 511 of the Laws of 1896 and amendments thereto, chapter 28 of the Laws of 1897) | 4,000 00                          | 4,000 00               |
| Lithographing and printing maps and plans  | 4,000 00                          | 4,000 00               |
|  | <b>First Estimate</b>             | <b>Second Estimate</b> |
| Salaries, Main Office  | \$1,000 00                        | \$1,000 00             |
| Engineer Street Opening  | 9,000 00                          | 9,000 00               |
| Borough of Brooklyn  | 7,440 00                          | 7,440 00               |
| Borough of Queens  | 11,760 00                         | 11,760 00              |
| Borough of Richmond  | 6,000 00                          | 6,000 00               |
| Borough of Manhattan   | 16,000 00                         | 16,000 00              |
| Contingencies (for five boroughs)  | 10,000 00                         | 10,000 00              |
| Monumenting streets and avenues in the Boroughs of Manhattan, Brooklyn, Queens and Richmond  | 4,000 00                          | 4,000 00               |
| Surveying instruments, drawing material and map supplies, Boroughs of Manhattan, Brooklyn, Queens and Richmond   | 8,700 00                          | 8,700 00               |
| Office fixtures, including map and record cases  | 4,350 00                          | 4,350 00               |
|  | <b>\$94,295 00</b>                | <b>\$94,295 00</b>     |

Reduction from first estimate, \$75,040.

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 \$31,380, 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 \$125,000. 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, \$36,640 and \$37,640, requested respectively for the Boroughs of Queens and Richmond, the sum of \$21,320 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,

BIRD S. COLLIER, 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.

|  |                     |
|--|---------------------|
| Salaries of the President of the Board of Public Improvements, Secretary and Employees, including salaries of Engineers, etc., of Street Opening | \$36,600 00         |
| Surveying, laying-out, maps, plans, etc., in the Borough of The Bronx  | 100,000 00          |
| Contingencies  | 2,500 00            |
| Monumenting—Boroughs of Manhattan, Brooklyn, Queens and Richmond   | 4,200 00            |
| Monumenting avenues and streets, Borough of The Bronx  | 15,000 00           |
| Surveying instruments, etc.  | 2,000 00            |
| Copying records  | 3,200 00            |
|  | <b>\$163,500 00</b> |

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.

|   |                    |
|---|--------------------|
| Commissioner                                      | \$7,500 00         |
| Deputy Commissioner                               | 5,000 00           |
| Secretary   | 3,000 00           |
| Chief Engineer                                    | 6,000 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, \$200 per week | 2,080 00           |
| Cashier   | 3,000 00           |
| Clerk   | 1,800 00           |
| Clerk   | 1,500 00           |
|   | <b>\$65,680 00</b> |

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

## BORING EXAMINATIONS FOR GRADING CONTRACTS.

Estimate for 1898, \$2,000 00

Last year the sum of \$5,000 was appropriated for boring examinations for grading and sewer contracts. As sewer contracts are not under this Department, I think \$2,000 will be sufficient for boring 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.

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 \$132,350, 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 \$16,866 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.

|                          |                   |
|--------------------------|-------------------|
| Superintendent           | \$3,000 00        |
| Clerk                    | 1,500 00          |
| Two Clerks, \$1,000 each | 2,000 00          |
|                          | <b>\$6,500 00</b> |

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.

|  |                    |
|--|--------------------|
| 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           |
|  | <b>\$51,750 00</b> |

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:

|                               |            |
|-------------------------------|------------|
| Superintendent.....           | \$3,000 00 |
| 1 Clerk.....                  | 1,500 00   |
| 1 Clerk.....                  | 1,200 00   |
| 1 Clerk.....                  | 1,000 00   |
| Inspector.....                | 1,200 00   |
| Inspector.....                | 1,000 00   |
| 4 Inspectors, \$200 each..... | 800 00     |
| Keeper Corporation Yard.....  | 900 00     |

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

Maintenance of asphalt pavements for which existing contracts will expire..... 20,000 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 \$335,000. 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:

|  |            |
|--|------------|
| Superintendent.....  | \$3,000 00 |
| Inspector of Subsurface Construction.....                    | 2,500 00   |
| 2 Assistant Inspectors, \$1,750 each.....                    | 3,500 00   |
| 2 Clerks, \$1,200 each.....                                  | 2,400 00   |
| 2 Clerks, \$1,000 each.....                                  | 2,000 00   |
| Messenger.....   | 1,000 00   |
| Engineer Inspector, \$5.50 per day.....                      | 1,005 30   |
| Additional Inspectors to be employed as work progresses..... | 7,124 30   |
| Stenographer and Typewriter, \$40 per week.....              | 1,040 00   |

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:

|  |            |
|--|------------|
| Superintendent.....  | \$1,000 00 |
| Clerk.....   | 2,000 00   |
| 2 Clerks, \$1,500 each.....  | 3,000 00   |
| Inspector.....   | 1,500 00   |
| Engineer Inspector.....  | 1,200 00   |
| Inspectors on Contract Work to be employed as work progresses..... | 14,400 00  |

This list includes only such officers as are considered necessary, and the full amount of the 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 REMOVAL OF HOMES.

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

This sum is required to pay for Inspectors of Sidewalks and for the removing of homes. 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 sum 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.

|   | ALLOWED FOR 1898. | DEFICIENCY IN HIGHWAYS, ESTIMATE FOR 1898. |
|---|-------------------|--|
| Boring for Gravel:  |                   |  |
| Boring for sewer.....   | \$1,000 00        | .....                                      |
| Boring for graving.....   | 4,000 00          | 4,000 00                                   |
| Boulevards, Roads and Avenues—Maintenance of.....                         | 115,000 00        | 170,000 00                                 |
| Contingencies (appropriation to Department of Public Works).....          | 5,000 00          | 2,000 00                                   |
| Flagging Sidewalks and Fencing Vacant Lots in front of City Property..... | 2,000 00          | 2,000 00                                   |

|  | ALLOWED FOR 1898. | DEFICIENCY IN HIGHWAYS, ESTIMATE FOR 1898. |
|--|-------------------|--|
| One Hundred and Fifty-fifth Street Viaduct.....  | \$15,000 00       | \$11,750 00                                |
| Removing Obstructions in Streets and Avenues, including Repair to Corporation Yard.....          | 10,000 00         | 10,000 00                                  |
| Repairs and Renewal of Pavements and Regrading.....  | 20,000 00         | 20,000 00                                  |
| Repairs and Renewal of Asphalt Contracts which will expire and to be renewed.....                | 10,000 00         | 10,000 00                                  |
| Repairs to Eighth Avenue Pavement.....   | 10,000 00         | 10,000 00                                  |
| Regrading Streets and Avenues.....   | 115,000 00        | 115,000 00                                 |
| Roads, Streets and Avenues, Unpaved—Maintenance of and Sprinkling.....                           | 15,000 00         | 15,000 00                                  |
| Street Improvements, Surveying and Monumenting (part of this amount was paid for surveying)..... | 4,000 00          | 4,000 00                                   |
| St. Nicholas Avenue Roadway.....   | 1,000 00          | 18,500 00                                  |
| Boulevard Centre Plaza, north of One Hundred and Twenty-fifth street.....                        | .....             | 45,000 00                                  |
|  | \$144,000 00      | \$1,209,250 00                             |

Salaries—Estimate for 1898.

|  |                |
|--|----------------|
| Commissioner, Deputy Commissioner, Chief Engineer, Consulting Engineer and Clerks..... | \$63,980 00    |
| Boulevards, Roads and Avenues.....   | 6,500 00       |
| Removing Obstructions in Streets and Avenues.....                                      | 15,700 00      |
| Repairs and Renewal of Pavements and Regrading.....                                    | 24,000 00      |
| Repaving Streets and Avenues.....  | 24,100 00      |
| Roads, Streets and Avenues, and Regulating and Grading.....                            | 5,000 00       |
| Ten Paving Inspectors.....   | 10,000 00      |
|  | \$145,280 00   |
| Carried forward.....   | 1,209,300 00   |
| Grand total.....   | \$1,354,580 00 |

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:

|   | APPROPRIATION FOR 1898. | APPLICABLE TO HIGHWAYS 1898. | REQUIRED FOR 1898. |
|---|-------------------------|------------------------------|--------------------|
| 1. Salaries.....                                | \$40,000 00             | \$2,000 00                   | \$17,200 00        |
| 2. Contingencies, including telephone, etc..... | 1,200 00                | 175 00                       | 1,000 00           |
| 3. Maintenance, etc.....                        | 2,000,000 00            | 547,740 00                   | 554,400 00         |
| 12. Preliminary surveys, etc.....               | 10,000 00               | .....                        | 10,000 00          |
| 13. Rock hauling, etc.....                      | 2,000 00                | 8,000 00                     | 8,000 00           |
| 14. Standard bench-marking.....                 | 2,000 00                | 2,000 00                     | 2,000 00           |
| 15. Grand Boulevard construction.....           | 25,000 00               | 12,000 00                    | 12,000 00          |
| 17. Wagon truck for trees, etc.....             | 1,000 00                | 5,000 00                     | 5,000 00           |
|   | \$400,000 00            | \$600,815 00                 | \$641,600 00       |

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:

|  | APPLICABLE TO HIGHWAYS FOR 1898. | REQUIRED FOR 1898. |
|--|----------------------------------|--------------------|
| 1. Salaries (\$20,000 to be divided between four departments).....   | \$5,000 00                       | \$10,200 00        |
| The increase of this item to \$20,000 is rendered necessary by the division of the amount allowed for the executive branch of the Department of Street Improvements among the four departments, Highways, sewers, bridges and Building Supplies, etc., in the Borough of The Bronx, to detail as follows:  |                                  |                    |
| Deputy Commissioner.....   | \$2,500 00                       | .....              |
| 1 General Bookkeeper.....  | 2,500 00                         | .....              |
| 1 Contract Clerk.....  | 2,500 00                         | .....              |
| 1 Special Conditional Clerk.....   | 2,500 00                         | .....              |
| 2 Payroll Clerks, \$1,500 each.....  | 3,000 00                         | .....              |
| 2 Timekeepers, \$200 each.....   | 4,000 00                         | .....              |
| 1 Typewriter.....  | 1,000 00                         | .....              |
| Total.....   | \$18,000 00                      | .....              |
| 2. Telephone, etc. (\$1,500 to be divided between four departments).....   | 175 00                           | 1,500 00           |
| This item should be increased for the same reasons as given in item No. 1, and the full amount for 1898 will be required for the Department of Highways.   |                                  |                    |
| 3. Maintenance, etc. \$1,260—Bridges.....  | 547,740 00                       | 554,400 00         |
| No increase is asked for maintenance, etc., as there is practically no division of the amount except the deducting of the sum of \$1,260, which was allowed for Bridge Tenders and belongs to the Department of Bridges, leaving available for the use of the Department of Highways for the maintenance of roads, streets and avenues in The Bronx Borough, the sprinkling of macadamized roads therein, for the purchase of machinery, tools, horses, wagons, etc., and about 30,000 cubic yards of broken stones and screenings for macadamizing; also for salaries and wages of all persons employed and including the amount required for removing obstructions in streets and avenues, the sum of \$53,480. To the above amount is included the following salary list: |                                  |                    |
| General Superintendent of Highways.....  | \$3,200 00                       | .....              |
| Superintendent east of Bronx river.....  | 2,000 00                         | .....              |
| Clerk (General Superintendent's office).....   | 1,500 00                         | .....              |
| Clerk.....   | 1,500 00                         | .....              |
| Clerk, Permit.....   | 1,500 00                         | .....              |
| Clerk.....   | 1,000 00                         | .....              |
| Clerk (Receiving).....   | 1,000 00                         | .....              |
| Timekeeper.....  | 1,000 00                         | .....              |
| ".....   | 900 00                           | .....              |
| ".....   | 900 00                           | .....              |
| ".....   | 750 00                           | .....              |
| ".....   | 900 00                           | .....              |
| General Inspector, Twenty-fourth Ward, north of One Hundred and Seventy-seventh street.....  | 2,700 00                         | .....              |
| General Inspector, Twenty-fourth Ward, east of Bronx river.....  | 2,700 00                         | .....              |
| General Inspector, Twenty-third Ward, south of One Hundred and Seventy-seventh street.....   | 2,700 00                         | .....              |
| Total.....   | \$55,480 00                      | .....              |
| In the appropriation for the Department of Public Works an item appears for removing obstructions in streets and avenues; this item was made for Manhattan and Bronx and the amount appropriated is—   |                                  |                    |
| Salaries.....  | \$3,000 00                       | .....              |
| General account.....   | 15,000 00                        | .....              |
| Total.....   | \$18,000 00                      | .....              |



APPLICABLE TO HIGHWAYS AND BRIDGES.

|   |            |  |
|---|------------|--|
| Being to the large amount of buildings, fences, etc., sold on streets, and to the large amount of work of this class required where purchasers failed to remove obstructions within a specified time. It is therefore necessary that provision be made for the Borough of The Bronx as follows:   |            |  |
| 1. Draftsmen, 1000 each.....  | \$1,000.00 |  |
| 2. Inspectors, 1000 each.....   | 1,000.00   |  |
| 3. Watchmen, 1000 each.....   | 1,000.00   |  |
| 4. Workmen, 1000 each.....  | 1,000.00   |  |
| General Assistant.....  | 2,000.00   |  |
| Total.....  | \$5,000.00 |  |
| 16. Preliminary surveys, etc., for new highways.....  |            |  |
| This amount was allowed for last highway and covered the proper service under the Highway, drainage, etc., system. This is figured on the basis of the salary list for December, 1897.  |            |  |
| 17. Roadwork, covered by highway.....   | 2,000.00   |  |
| A proper estimate of this amount would be: Highway, \$1,000; sewers, \$1,000. This would be based on the salary list for December, 1897.  |            |  |
| 18. Standard benchmarks.....  | 1,000.00   |  |
| This appropriation for standard benchmarks should all be assigned to the Department of Highways, for the reason that these benchmarks should be located on all street grades and should be established by the Highway Department rather than the Survey Department, as the exact grade is sometimes largely on the grade of the street.   |            |  |
| 19. Grand Boulevard and University construction.....  | 5,000.00   |  |
| The allowance for construction of the Grand Boulevard and University should also be assigned to the Department of Highways for the reason stated above, but the amount allowed is insufficient to make a satisfactory improvement of the work, and I would recommend that this amount be increased to \$10,000. The City has title to the land required, and the construction should be pushed as rapidly as possible so that improvements may proceed and the effect of increased taxation be gained by the City as early as possible. The completion of this grand boulevard will be left to the City Treasury in the increased tax return for that section. If allowed to remain unimproved, property will be damaged rather than benefited. I would therefore suggest that the first section be put under construction, at least so far as the regulating, etc., is concerned, at once. |            |  |
| 20. Wage track for transplanting trees, etc.....  | 5,000.00   |  |
| This item should belong entirely to the Superintendent of Highways, as the necessity for raising or lowering trees is brought about by the regulating and grading of streets, 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.

|                                    |             |
|------------------------------------|-------------|
| Deputy Commissioner.....           | \$5,000.00  |
| Secretary.....                     | 3,000.00    |
| Chief Clerk.....                   | 2,500.00    |
| Stenographer.....                  | 1,200.00    |
| Complaint Clerk.....               | 1,250.00    |
| 2 Permit Clerks, \$1,350 each..... | 2,700.00    |
| Notice Clerk.....                  | 1,100.00    |
| Messenger.....                     | 540.00      |
| Cashier.....                       | 2,000.00    |
| Assistant Cashier.....             | 1,200.00    |
| Bookkeeper.....                    | 2,000.00    |
| Assistant Bookkeeper.....          | 1,500.00    |
| Total.....                         | \$24,090.00 |

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.

|  |             |
|--|-------------|
| Engineer in Charge.....                  | \$5,000.00  |
| First Assistant Engineer.....            | 3,000.00    |
| Assistant Engineer.....                  | 2,500.00    |
| 2 Assistant Engineers, \$4,000 each..... | 8,000.00    |
| 3 Assistant Engineers, \$1,500 each..... | 4,500.00    |
| 5 Assistant Engineers, \$1,350 each..... | 6,750.00    |
| 4 Levellers, \$1,200 each.....           | 4,800.00    |
| 4 Rodmen, \$500 each.....                | 2,000.00    |
| Chemist.....                             | 1,200.00    |
| Assistant Chemist.....                   | 750.00      |
| Stenographer.....                        | 1,250.00    |
| 2 Clerks, \$1,500 each.....              | 3,000.00    |
| 2 Clerks, \$1,200 each.....              | 2,400.00    |
| Clerk.....                               | 1,000.00    |
| 2 Messengers, \$540 each.....            | 1,080.00    |
| Total.....                               | \$45,430.00 |

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.

|  |              |
|--|--------------|
| Superintendent.....  | \$2,500.00   |
| Clerk.....   | 1,500.00     |
| General Inspector of Asphalt Pavement.....   | 1,500.00     |
| General Inspector of Stone Paving.....   | 1,565.00     |
| For Foremen, labor, materials, rent of yards, tools, horses, horse-keep, etc.....                            | \$7,000.00   |
| Total.....   | \$94,065.00  |
| For repairs to asphalt pavement (not under guaranty).....  | \$30,000.00  |
| For repairs to and renewal of stone pavements, substituting other pavements therefor, and for regrading..... | 200,000.00   |
| Total.....   | \$224,065.00 |

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 therefor 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.

|   |             |
|---|-------------|
| Superintendent.....                           | \$2,500.00  |
| General Inspector.....                        | 1,250.00    |
| Repairs to macadamized streets and roads..... | 35,000.00   |
| Sprinkling macadamized streets.....           | 22,000.00   |
| Total.....                                    | \$60,750.00 |

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.

|   |            |
|---|------------|
| Superintendent.....                                     | \$2,500.00 |
| Clerk.....  | 1,000.00   |
| 2 Inspectors of Flagging and Fencing, \$1,252 each..... | 2,504.00   |
| 2 Inspectors of Concrete Sidewalks, \$1,200 each.....   | 2,400.00   |
| Total.....  | \$8,404.00 |

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.

|   |             |
|---|-------------|
| Superintendent.....                             | \$3,000.00  |
| Complaint Clerk.....                            | 1,250.00    |
| Notice Clerk.....                               | 1,100.00    |
| 6 Inspectors of Incumbrances, \$1,200 each..... | 7,200.00    |
| 2 Inspectors of Trees, \$1,000 each.....        | 2,000.00    |
| 1 Messenger.....                                | 540.00      |
| Total.....                                      | \$15,390.00 |
| For the removal of incumbrances.....            | 10,000.00   |
| Total.....                                      | \$25,390.00 |

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.

|  |              |
|--|--------------|
| Deputy Commissioner's Office.....                    | \$24,090.00  |
| Engineer's Office.....                               | 45,430.00    |
| Bureau of Stone and Asphalt Paving.....              | 224,065.00   |
| Bureau of Unpaved Streets and Macadamized Roads..... | 50,750.00    |
| Bureau of Regulating and Grading.....                | 8,404.00     |
| Bureau of Incumbrances.....                          | 25,390.00    |
| Total.....   | \$478,131.00 |

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 (6 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 whatever work may be required by the taxpayers in the matter of highway construction.
6. The turning 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 office and engineering force required, and the necessary supplies and stationery for the proper running of the Department for the year 1898:

|  |              |
|--|--------------|
| 1. Salaries—Commissioner, Engineers and clerical force.....                                  | \$14,800.00  |
| 2. Maintenance, improvement and construction of streets and roads, Borough of Queens.....    | 105,000.00   |
| 3. Maintenance, improvement and construction of streets and roads—salaries and supplies..... | 33,804.00    |
| 4. Contingencies.....  | 1,250.00     |
| Total.....   | \$254,854.00 |

1. Salaries.....

|   |             |
|---|-------------|
| 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: |             |
| Deputy Commissioner.....  | \$4,000.00  |
| Chief Engineer.....   | 3,000.00    |
| Assistant Engineer.....   | 1,800.00    |
| Chief Clerk.....  | 1,500.00    |
| Permit Clerk.....   | 1,200.00    |
| Cashier.....  | 1,200.00    |
| Stenographer.....   | 1,200.00    |
| Messenger.....  | 900.00      |
| Total.....  | \$14,800.00 |

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:

|  |              |
|--|--------------|
| a. Streets and roads in Long Island City.....  | \$150,000.00 |
| b. Streets and roads in Town of Newtown.....   | 15,000.00    |
| c. Streets and roads in Town of Jamaica.....   | 10,000.00    |
| d. Streets and roads in Town of Flushing.....  | 10,000.00    |
| e. Streets and roads in Town of Hempstead..... | 10,000.00    |
| Total.....                                     | \$195,000.00 |

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

Total..... \$195,000.00

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.

15.32 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 \$550,000, 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 \$590,000



\$393,000 has been paid up to date on the various contracts by Engineer's estimates. On 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, ninety-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:

|  |                    |
|--|--------------------|
| 3 Transitsmen, at \$1,500 each.....        | \$4,500 00         |
| 2 Levelers, at \$1,200 each.....           | 2,400 00           |
| 4 Rodmen, at \$1,000 each.....             | 4,000 00           |
| 4 Chainmen, at \$1,000 each.....           | 4,000 00           |
| 4 Axemen, at \$900 each.....               | 3,600 00           |
| 2 Draughtsmen, at \$1,500 and \$1,200..... | 2,700 00           |
| 1 Chief Inspector.....                     | 1,500 00           |
| 25 Assistant Inspectors.....               | 25,000 00          |
| 1 Stableman.....                           | 900 00             |
| <b>Total.....</b>                          | <b>\$48,600 00</b> |

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:

|   |                   |
|---|-------------------|
| 2 transits (combination), at \$250.....   | \$500 00          |
| 2 levels, at \$125.....   | 250 00            |
| 4 self-reading rods, at \$14.....   | 56 00             |
| 12 plumb-bobs, at \$2.....  | 24 00             |
| 6 steel tapes, at \$14.....   | 84 00             |
| Draughting materials and miscellaneons.....   | 1,000 00          |
| 2 horses and 2 light wagons (for use of Commissioner and Chief Engineer), at \$400 each.....          | 800 00            |
| 2 horses and two two-seated wagons, harness, etc., for use of engineering parties, at \$300 each..... | 600 00            |
| 1 Horse and wagon, harness, etc., for street repaving.....  | 300 00            |
| Maintenance of horses.....  | 1,300 00          |
| 2 bicycles, at \$75.....  | 150 00            |
| <b>Total.....</b>   | <b>\$5,264 00</b> |

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        |
| This item includes the following subdivisions: |                   |
| Telephone rental.....                          | \$150 00          |
| Traveling expenses for field parties.....      | 700 00            |
| Miscellaneous.....                             | 400 00            |
| <b>Total.....</b>                              | <b>\$1,250 00</b> |

#### 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 555 of the Laws of 1890, the County of Richmond has, to date, completed about seventy-three and one-half (73½) 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 whatever amount of assessment work as may be required by the taxpayers in the matter of highway construction.

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

Fourth—The turnpiking 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, 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.

|   |            |
|---|------------|
| Item 1. Deputy Commissioner and Chief Engineer, salary \$5,000; one-half to be drawn from the Department of Sewers..... | \$2,500 00 |
| " 2. Engineer in Charge.....  | 2,500 00   |
| " 3. One Chief Clerk.....   | 1,500 00   |
| " 4. One Assistant Clerk.....   | 900 00     |
| " 5. One Permit and Incumbrance Clerk.....  | 1,000 00   |
| " 6. One Messenger.....   | 900 00     |

##### MAINTENANCE, CONSTRUCTION AND PRELIMINARY SURVEYS—SALARIES.

|                                    |          |
|------------------------------------|----------|
| " 7. One Assistant Engineer.....   | 1,800 00 |
| " 8. Two Transitsmen, \$1,500..... | 3,000 00 |
| " 9. Three Levelers, \$1,200.....  | 3,600 00 |
| " 10. Three Rodmen, \$1,000.....   | 3,000 00 |
| " 11. Four Chainmen, \$900.....    | 3,600 00 |
| " 12. Four Axemen, \$720.....      | 2,880 00 |
| " 13. One Draughtsman.....         | 1,200 00 |

|  |            |
|--|------------|
| Item 14. One General Inspector.....    | \$1,200 00 |
| " 15. Two transits, \$175.....         | 350 00     |
| " 16. Two levels, \$100.....           | 200 00     |
| " 17. Two self-reading rods, \$14..... | 28 00      |
| " 18. One New York rod.....            | 14 00      |
| " 19. Plumb-bobs.....                  | 12 00      |
| " 20. Tapes.....                       | 20 00      |

##### MAINTENANCE.

|  |           |
|--|-----------|
| " 21. Five Assistant Inspectors, \$900.....                | 4,500 00  |
| " 22. Horse and wagon (horse, \$300, and keep, \$300)..... | 600 00    |
| " 23. Two bicycles, \$75.....                              | 150 00    |
| " 24. Rent of Corporation Yard.....                        | 200 00    |
| " 25. Rent of offices.....                                 | 1,200 00  |
| " 26. Flag sidewalks.....                                  | 500 00    |
| " 27. Maintenance of streets, roads and avenues.....       | 90,000 00 |

##### CONTINGENCIES.

|  |        |
|--|--------|
| " 28. Miscellaneous supplies.....              | 400 00 |
| " 29. Stationery and draughting materials..... | 500 00 |
| " 30. Furniture, etc.....                      | 400 00 |
| " 31. Traveling expenses of field parties..... | 500 00 |
| " 32. Statement as to Street Cleaning.....     |        |

##### Summary of Estimates.

|   |                     |
|---|---------------------|
| Office salaries.....  | 9,500 00            |
| Maintenance, construction and preliminary surveys—Salaries..... | 20,914 00           |
| Maintenance.....  | 90,500 00           |
| Contingencies.....  | 1,800 00            |
| <b>Total.....</b>   | <b>\$122,714 00</b> |

NOTE.—In the preparation of the estimate the request for money has been divided into "Office Salaries," "Maintenance, Construction and Preliminary Surveys," "Maintenance" 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 450, 451 and 459 of chapter 529 of the Laws of 1897, Henry P. Morrison has been appointed by the Commissioner of Highways and by the Commissioner of Sewers 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, 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 meet in cooperation, also preparation of payments, etc.

Item No. 8.—The Transitsmen 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 repaving 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 outlying 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.

|                           |                       |
|---------------------------|-----------------------|
| Borough of Manhattan..... | \$1,354,586 00        |
| Borough of The Bronx..... | 1,115,280 00          |
| Borough of Brooklyn.....  | 478,131 00            |
| Borough of Queens.....    | 204,914 00            |
| Borough of Richmond.....  | 122,714 00            |
| <b>Total.....</b>         | <b>\$3,275,625 00</b> |

Respectfully submitted,

JAMES P. KEATING, Commissioner of Highways.



Statement Showing the Amounts Allocated 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.

| POSITION.   | NAME.             | SALARY ASKED. | PRESENT SALARY.  | ALLOWED BY BROOKLYN BUDGET. |
|---|-------------------|---------------|------------------|-----------------------------|
| <b>Commissioner's Office.</b>                           |                   |               |                  |                             |
| Deputy Commissioner                                     | Thomas B. Farrell | \$4,000.00    | New              | —                           |
| Secretary   |                   | 2,000.00      | "                | —                           |
| Chief Clerk   |                   | 2,000.00      | "                | —                           |
| Stenographer  | M. M. Barry       | 1,200.00      | \$1,200.00       | —                           |
| Complaint Clerk   |                   | 1,250.00      | New              | —                           |
| Penalty Clerk   | J. W. Whitman     | 1,250.00      | 1,250.00         | —                           |
| Penalty Clerk   | W. J. Gough       | 1,250.00      | 1,250.00         | —                           |
| Notice Clerk  |                   | 1,000.00      | New              | —                           |
| Messenger   |                   | \$40.00       | "                | —                           |
| Carter  |                   | 1,000.00      | "                | —                           |
| Assistant Cashier                                       |                   | 1,200.00      | "                | —                           |
| Bookkeeper  |                   | 1,000.00      | "                | —                           |
| Assistant Bookkeeper                                    |                   | 1,000.00      | "                | —                           |
|   |                   | \$14,000.00   | \$4,000.00       | —                           |
| <b>Engineer's Office.</b>                               |                   |               |                  |                             |
| Engineer-in-Charge                                      | A. V. Lewis       | \$5,000.00    | \$4,000.00       | \$4,000.00                  |
| Assistant Engineer                                      | George W. Elliott | 2,000.00      | 2,000.00         | 2,000.00                    |
| Assistant Engineer                                      |                   | 2,000.00      | New              | —                           |
| Assistant Engineer                                      | A. H. Allen       | 2,000.00      | 2,000.00         | 2,000.00                    |
| Assistant Engineer                                      |                   | 2,000.00      | New              | —                           |
| Assistant Engineer                                      | P. W. Carpenter   | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      | E. D. Feltus      | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      | E. J. Feltus      | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      | A. J. Perry       | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      | C. M. Addy        | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      | R. D. Chace       | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      | E. P. Lanning     | 1,500.00      | 1,500.00         | 1,500.00                    |
| Assistant Engineer                                      |                   | 1,500.00      | 1,500.00         | 1,500.00                    |
| Leveler   | P. A. Drake       | 1,200.00      | 1,200.00         | 1,200.00                    |
| Leveler   | H. J. Barker      | 1,200.00      | 1,200.00         | 1,200.00                    |
| Leveler   | C. K. Van Housen  | 1,200.00      | 1,200.00         | 1,200.00                    |
| Leveler   | W. M. Thomas      | 1,200.00      | 1,200.00         | 1,200.00                    |
| Railman   | S. P. Bradley     | 900.00        | 800.00 (per day) | 800.00                      |
| Railman   |                   | 900.00        | 800.00           | 800.00                      |
| Railman   |                   | 900.00        | New              | —                           |
| Railman   |                   | 900.00        | "                | —                           |
| Cherish   | W. H. Broadhurst  | 1,200.00      | 1,200.00         | 1,200.00                    |
| Assistant Cherish                                       | C. P. Pugh        | 750.00        | 750.00           | 750.00                      |
| Stenographer  | Thomas Farrell    | 1,250.00      | 1,250.00         | 1,250.00                    |
| Clerk   | Frank Jewett      | 1,000.00      | 1,000.00         | 1,000.00                    |
| Clerk   | W. F. McIlwain    | 1,250.00      | 1,250.00         | 1,250.00                    |
| Clerk   | J. E. Whinn       | 1,000.00      | 1,000.00         | 1,000.00                    |
| Clerk   | J. H. Southerland | 1,000.00      | 1,000.00         | 1,000.00                    |
| Clerk   | C. V. Warren      | 1,000.00      | 1,000.00         | 1,000.00                    |
| Messenger   | Samuel Gilbert    | \$40.00       | \$40.00          | \$40.00                     |
| Messenger   | John Hutton       | \$40.00       | \$40.00          | \$40.00                     |
|   |                   | \$15,420.00   | —                | \$15,420.00                 |
| <b>Bureau of Stone and Asphalt Paving.</b>              |                   |               |                  |                             |
| Superintendent  |                   | \$1,000.00    | New              | —                           |
| Clerk   | Charles Maher     | 1,000.00      | \$1,000.00       | \$1,000.00                  |
| General Inspector Asphalt Paving                        | A. H. Wood        | 1,200.00      | 1,200.00         | 1,200.00                    |
| General Inspector Stone Paving                          | W. F. Keams       | 1,200.00      | 1,200.00         | 1,200.00                    |
|   |                   | \$2,000.00    | —                | \$2,000.00                  |
| <b>Bureau of Unpaved Streets and Macadamized Roads.</b> |                   |               |                  |                             |
| Superintendent  |                   | \$2,500.00    | New              | —                           |
| General Inspector                                       | J. H. Amst        | 1,250.00      | \$1,250.00       | \$1,250.00                  |
|   |                   | \$3,750.00    | —                | \$3,750.00                  |
| <b>Bureau of Regulating and Grading.</b>                |                   |               |                  |                             |
| Superintendent  |                   | \$2,500.00    | New              | —                           |
| Clerk   | J. S. Harvey      | 1,000.00      | \$1,000.00       | \$1,000.00                  |
| Inspector Flagging and Fencing                          | D. J. Kenney      | 1,250.00      | 1,250.00         | 1,250.00                    |
| "   | P. J. Madden      | 1,250.00      | 1,250.00         | 1,250.00                    |
| Inspector Charles Sidickolas                            | J. F. Swann       | 1,000.00      | 1,250.00         | 1,250.00                    |
| "   |                   | 1,000.00      | —                | 1,000.00                    |
|   |                   | \$4,400.00    | —                | \$5,000.00                  |
| <b>Bureau of Incumbrances.</b>                          |                   |               |                  |                             |
| Superintendent  |                   | \$2,000.00    | New              | —                           |
| Complaint Clerk   | J. A. Schilling   | 1,000.00      | \$1,000.00       | —                           |
| Notice Clerk  | O. C. Wainwright  | 1,000.00      | 1,000.00         | —                           |

| POSITION.                        | NAME. | SALARY ASKED. | PRESENT SALARY. | ALLOWED BY BROOKLYN BUDGET. |
|----------------------------------|-------|---------------|-----------------|-----------------------------|
| Inspector Incumbrances           |       | \$2,000.00    | —               | \$2,000.00                  |
| "                                |       | 1,000.00      | New             | —                           |
| "                                |       | 1,000.00      | "               | —                           |
| "                                |       | 1,000.00      | "               | —                           |
| "                                |       | 1,000.00      | "               | —                           |
| "                                |       | 1,000.00      | "               | —                           |
| Inspector Taxes                  |       | 1,000.00      | "               | —                           |
| "                                |       | 1,000.00      | "               | —                           |
| Messenger                        |       | \$40.00       | "               | —                           |
| Four Inspectors Corporation Work |       | —             | \$2,000.00      | \$2,000.00                  |
|                                  |       | \$15,100.00   | —               | \$15,100.00                 |

## SUMMARY.

|   | SALARY ASKED. | ALLOWED FOR BROOKLYN BUDGET. |
|---|---------------|------------------------------|
| Commissioner's Office                           | \$14,000.00   | —                            |
| Engineer's Office                               | 45,420.00     | \$15,420.00                  |
| Bureau of Stone and Asphalt Paving              | 2,000.00      | 2,000.00                     |
| Bureau of Unpaved Streets and Macadamized Roads | 3,750.00      | 3,750.00                     |
| Bureau of Regulating and Grading                | 5,400.00      | 5,000.00                     |
| Bureau of Incumbrances                          | 15,100.00     | 15,100.00                    |
|   | \$100,170.00  | \$114,670.00                 |

|                                       | AMOUNT ASKED. | AMOUNT ALLOWED FOR 1897. | AMOUNT ALLOWED FOR 1898. | ACTUAL EXPENDITURE IN 1897. |
|---------------------------------------|---------------|--------------------------|--------------------------|-----------------------------|
| Commissioner's Office                 | \$14,000.00   | —                        | —                        | 0.00                        |
| Engineer's Office                     | 45,420.00     | \$45,420.00              | \$45,420.00              | \$45,420.00                 |
| Stone and asphalt paving, etc.        | 20,000.00     | 20,000.00                | 20,000.00                | 20,000.00                   |
| Unpaved streets and macadamized roads | 30,750.00     | —                        | —                        | 20,722.95                   |
| Regulating and grading                | 5,400.00      | 4,000.00                 | 4,000.00                 | 3,000.00                    |
| Bureau of Incumbrances                | 15,100.00     | —                        | —                        | 10,000.00                   |
|                                       | \$120,670.00  | \$69,420.00              | \$69,420.00              | \$88,142.95                 |

(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 money 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 Newlawn.

35.52 miles of roads have been given up 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 3½ 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 \$17,500, 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 bridged 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 exactions 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.*

|  |                    |
|--|--------------------|
| 1 Deputy Commissioner.....               | \$4,000 00         |
| 1 Chief Clerk.....                       | 1,500 00           |
| 1 Permit Clerk.....                      | 1,200 00           |
| 1 Stenographer.....                      | 900 00             |
| 1 Cashier.....                           | 1,200 00           |
| 1 Chief Engineer.....                    | 3,000 00           |
| 1 Assistant Engineer.....                | 1,800 00           |
| 3 Transmitters, at \$1,200 each.....     | 3,600 00           |
| 2 Levelers, at \$1,000 each.....         | 2,000 00           |
| 2 Rodmen, at \$1,800 each.....           | 3,600 00           |
| 4 Chainmen, at \$750 each.....           | 3,000 00           |
| 4 Axemen, at \$700 each.....             | 2,800 00           |
| 2 Draughtsmen, at \$1,200 each.....      | 2,400 00           |
| 1 Messenger.....                         | 750 00             |
| 1 Chief Inspector.....                   | 1,200 00           |
| 25 Assistant Inspectors, \$800 each..... | 20,000 00          |
| 1 Staldeman.....                         | 800 00             |
| Telephone rental.....                    | 150 00             |
| Office rent.....                         | 600 00             |
|  | <b>\$54,100 00</b> |

*Supplies.*

|  |                   |
|--|-------------------|
| 2 Trucks (combination), \$150 each.....  | \$300 00          |
| 2 Levels, \$425 each.....  | 850 00            |
| 4 Selfreading rods, \$14 each.....   | 56 00             |
| 12 Plumb-lines, \$2 each.....  | 24 00             |
| 6 Steel tapes, \$14 each.....  | 84 00             |
| Miscellaneous Supplies.....  | 500 00            |
| Stationery and drafting materials.....   | 500 00            |
| Traveling expenses for field parties.....  | 500 00            |
| 2 Horses and 2 light wagons, harness, etc., for use of Commissioner and Chief Engineer, at \$500 each..... | 600 00            |
| 1 Horse and 1 two-wheeled wagon, harness, etc., for use of engineering parties, \$500.....                 | 300 00            |
| 1 Horse and wagon, harness, etc., for steel repairing.....   | 300 00            |
| Maintenance of horses, etc.....  | 1,500 00          |
| 2 Bicycles, at \$75 each.....  | 150 00            |
| 1 Typewriting machine and desk.....  | 125 00            |
|  | <b>\$5,350 00</b> |

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

|   |                     |
|---|---------------------|
| Long Island City.....                           | \$50,000 00         |
| Town of Newtown.....                            | 15,000 00           |
| Town of Jamaica (94 miles).....                 | 20,000 00           |
| Town of Flushing (51 miles).....                | 16,500 00           |
| Town of Hempstead (Fifth Ward—20 miles).....    | 10,000 00           |
| Completion of Grand Avenue (First Ward).....    | 40,000 00           |
| Completion of Flushing Avenue (First Ward)..... | 20,000 00           |
| Macadamizing shore road.....                    | 15,000 00           |
|   | <b>\$186,500 00</b> |

## BOROUGH OF QUEENS.

| TITLE OF APPROPRIATION.            | THE AMOUNTS ALLOWED IN THE APPROPRIATION OF 1897 FOR THE YEAR 1898 HERE. |                    |                     | INCREASE IN AMOUNTS ASKED FOR IN JANUARY, 1898, OVER AMOUNTS APPROPRIATED IN 1897 FOR THE YEAR 1898. |
|------------------------------------|--|--------------------|---------------------|--|
|                                    | Amount.  | Increase.          | Decrease.           |  |
| Long Island City—                  |  |                    |                     |  |
| Maintaining Streets.....           | \$75,000 00  | .....              | \$25,000 00         |  |
| Completion of Grand Avenue.....    | 40,000 00  | .....              | .....               |  |
| Completion of Flushing Avenue..... | 20,000 00  | .....              | .....               |  |
| Macadamizing Shore Road.....       | 15,000 00  | .....              | .....               |  |
| Town of Newtown.....               | 20,000 00  | (\$2,000 00)       | .....               |  |
| Town of Jamaica—                   |  |                    |                     |  |
| Sprinkling Contract.....           | 3,047 00   | .....              | 1,975 00            |  |
| Maintaining Streets and Roads..... | 16,975 00  | .....              | .....               |  |
| Town of Flushing—                  |  |                    |                     |  |
| Sprinkling Contract.....           | 6,000 00   | .....              | .....               |  |
| Maintaining Streets and Roads..... | 12,500 00  | .....              | 1,000 00            |  |
| Town of Hempstead—                 |  |                    |                     |  |
| Sprinkling Contract.....           | 1,000 00   | .....              | .....               |  |
| Maintaining Streets and Roads..... | .....  | 9,000 00           | .....               |  |
| Salaries.....                      | 994,600 00   | .....              | 231,250 00          |  |
|                                    | <b>\$467,700 00</b>  | <b>\$14,000 00</b> | <b>\$235,825 00</b> |  |
| Total increase.....                |  |                    |                     | <b>\$14,000 00</b>   |
| Total decrease.....                |  |                    |                     | <b>239,825 00</b>  |
| Net decrease.....                  |  |                    |                     | <b>225,825 00</b>  |

## BOROUGH OF QUEENS.

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

| TITLE OF APPROPRIATION.                   | Amount.             |
|---|---------------------|
| Long Island City—                         |                     |
| Maintaining streets.....                  | \$50,000 00         |
| Completion of Grand Avenue.....           | 40,000 00           |
| Completion of Flushing Avenue.....        | 20,000 00           |
| Macadamizing Shore Road.....              | 15,000 00           |
| Town of Newtown, maintaining streets..... | 15,000 00           |
| Town of Jamaica—                          |                     |
| Contract for sprinkling.....              | 7,047 00            |
| Maintaining streets and roads.....        | 16,975 00           |
| Town of Flushing—                         |                     |
| Contract for sprinkling.....              | 6,000 00            |
| Maintaining streets and roads.....        | 12,500 00           |
| Town of Hempstead—                        |                     |
| Contract for sprinkling.....              | 1,000 00            |
| Maintaining streets and roads.....        | 9,000 00            |
| Salaries.....                             | 994,600 00          |
| Supplies, etc.....                        | 6,150 00            |
| Total.....                                | <b>\$467,700 00</b> |

*Comparison of Salaries of 1898 with Salaries of 1897.*

| EMBRACING THE POSITIONS.   | 1897.       | 1898.       | INCREASE.   | DECREASE.  |
|--|-------------|-------------|-------------|------------|
| 10 Highway Commissioners, at \$1,000.....  | \$10,000 00 |             |             |            |
| 1 Commissioner of Public Works.....  | 4,500 00    |             |             |            |
| 1 Improvement Commissioner, at \$1,000.....  | 1,000 00    |             |             |            |
| 1 Deputy Commissioner.....   |             | \$41,000 00 |             |            |
| 1 Bookkeeper.....  | 1,800 00    |             |             |            |
| 3 Clerks, at \$1,200.....  | 3,600 00    | 2,700 00    |             |            |
| 1 Chief Engineer, Long Island City.....  | 3,000 00    |             |             |            |
| 1 County Engineer.....   | 3,000 00    | 3,000 00    |             |            |
| 2 Assistant Engineers, at \$1,200.....   | 2,400 00    | 1,800 00    |             |            |
| 1 Draughtsman, at \$1,200.....   | 1,200 00    |             |             |            |
| 2 Draughtsmen, at \$1,200.....   | 2,400 00    | 3,600 00    |             |            |
| 2 Rodmen, at \$1,800.....  | 3,600 00    | 3,600 00    |             |            |
| 1 Staldeman.....   | 800 00      |             |             |            |
| 2 Inspectors of Roads, at \$1,200.....   | 2,400 00    | 2,400 00    |             |            |
| 25 Inspectors of Roads, at \$1,200.....  | 30,000 00   | 25,000 00   |             |            |
| 25 Laborers, at \$60.....  | 1,500 00    | 15,000 00   |             |            |
| Engineering expenses for County Engineer for new work five per cent. of total cost of roads improved, \$3,000,000..... |             | 150,000 00  |             |            |
| 1 Cashier.....   |             | \$1,200 00  |             |            |
| 3 Transmitters, at \$1,200.....  |             | 3,600 00    |             |            |
| 2 Levelers, at \$1,000.....  |             | 2,000 00    |             |            |
| 2 Rodmen, at \$1,800.....  |             | 3,600 00    |             |            |
| 4 Chainmen, at \$750.....  |             | 3,000 00    |             |            |
| 4 Axemen, at \$700.....  |             | 2,800 00    |             |            |
| 1 Messenger.....   |             | 750 00      |             |            |
| 1 Stenographer.....  |             | 900 00      |             |            |
| Total.....   | \$54,100 00 | \$42,500 00 | \$45,850 00 | \$8,000 00 |

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.

Salaries—General Administration.....\$41,080 00

## BOROUGH OF MANHATTAN.

Salaries—  
Boulevards, Roads and Avenues, Maintenance of.....\$5,250 00  
Removing Obstructions in Streets and Avenues.....13,450 00  
Repairs and Renewal of Pavements and Regrading.....20,260 00  
Repaving Streets and Avenues.....20,800 00  
Inspectors of Paving.....10,000 00

Boring Examinations for Grading Contracts.....2,000 00  
Boulevards, Roads and Avenues, Maintenance of.....132,257 00  
Contingencies.....2,000 00  
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....2,000 00  
One Hundred and Fifty-fifth Street Viaduct, Maintenance and Repairs.....15,000 00  
Removing Obstructions in Streets and Avenues.....15,000 00  
Repairs and Renewal of Pavements and Regrading.....335,000 00  
Repaving Streets and Avenues.....245,000 00  
Roads, Streets and Avenues Unpaved, Maintenance of and Sprinkling.....35,000 00  
Maintenance of Eighth Avenue Pavement.....19,200 00

Total.....\$872,210 00

## BOROUGH OF THE BRONX.

Salaries.....\$11,000 00  
Contingencies.....750 00  
Labor, Maintenance and Supplies.....478,740 00  
Preliminary Surveys, etc.....20,000 00  
Rock Soundings.....8,000 00  
Standard Bench Marks.....3,000 00  
Wagon Trucks, Purchase of.....6,000 00

\$528,390 00



| BOROUGH OF BROOKLYN.                                       |             |                |
|--|-------------|----------------|
| Salaries—  |             |                |
| Labor Maintenance and Supplies                             | \$57,402 00 |                |
|  | 221,907 00  | \$279,309 00   |
| BOROUGH OF QUEENS.   |             |                |
| Salaries, including one-half Salary of Deputy Commissioner | \$7,700 07  |                |
| Labor Maintenance and Supplies                             | 120,500 00  | 128,200 07     |
| BOROUGH OF RICHMOND.                                       |             |                |
| 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:

Minority—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.

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  | 63,500 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 | 246,000 00 |              |
| Boring Examinations for Sewer Contracts, including the payment of Foremen and Laborers employed in boring gang  | 5,000 00   |              |
| Contingencies   | 2,000 00   |              |
|   |            | \$313,500 00 |

| BOROUGH OF BROOKLYN.  |            |              |
|---|------------|--------------|
| Salaries—   |            |              |
| Deputy Commissioner   | \$5,000 00 |              |
| Engineer  | 4,500 00   |              |
|   |            | \$9,500 00   |
| Chief Engineer, Clerks and employees  | 42,000 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 | 245,000 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 3—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                         | 2,500 00   |              |
|   |            | \$334,000 00 |

| BOROUGH OF THE BROOX.  |            |              |
|--|------------|--------------|
| Salaries—  |            |              |
| Deputy Commissioner  | \$5,000 00 |              |
| Chief Engineer   | 4,000 00   |              |
|  |            | \$9,000 00   |
| Engineers, Clerks and other employees  | 22,100 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 maps, plans, etc., by sewers and basins  | 6,350 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   |              |
|  |            | \$128,690 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   |             |
|   |            | \$69,000 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     |             |
|  |            | \$22,500 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 appropriation for salaries provides 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 1894; 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 TYPE OF APPROPRIATIONS.  | AMOUNTS ALLOWED. | AMOUNTS ASKED FOR. |
|---|------------------|--------------------|
| Borough of Manhattan.   |                  |                    |
| Sewers—Repairing and Cleaning   | \$120,000 00     |                    |
| Sewers—Repairing and Cleaning—Salaries  | 10,000 00        |                    |
| Sewerage System—Salaries  | 8,400 00         |                    |
| Boring Examinations and Grading, etc.   | 5,000 00         |                    |
|   | \$143,400 00     |                    |
| Salaries for Commissioner, Deputy Commissioner, Consulting Engineer, Chief Engineer, Clerks and all employees other than laboring force |                  | \$41,500 00        |
| Sewers—Repairing and Cleaning   |                  | \$50,000 00        |
| Boring Examinations for Sewers  |                  | 5,000 00           |
| Contingencies   |                  | 2,000 00           |
|   |                  | \$118,500 00       |
| Borough of Brooklyn.  |                  |                    |
| Salaries for Engineer, Clerks, etc.   | \$46,050 00      |                    |
| Other appropriations  | 2,000 00         |                    |
|   | 48,050 00        |                    |
| Salaries for Deputy Commissioner, Engineer, Clerks and all employees other than laboring force  |                  | 22,100 00          |
| Sewers—Repairing and Cleaning, including Third Avenue sewer and main sewer, Twenty-third Ward   |                  | \$42,000 00        |
| Boring Examinations   |                  | 5,000 00           |
| Contingencies   |                  | 1,000 00           |
|   |                  | \$110,100 00       |
| Thirty-first Ward—Repairs and Maintenance, Districts Nos. 1 and 2   |                  | 21,000 00          |
| Thirty-third Ward—Repairs and Maintenance, Bath Beach   |                  | 2,500 00           |
|   |                  | \$134,600 00       |
| Borough of The Bronx.   |                  |                    |
| Rebuilding and Cleaning Sewers and Basins, Twenty-third and Twenty-fourth Wards   | \$70,000 00      |                    |
| Surveying and Laying out Main Sewerage, amount appropriated, \$10,000; allowed for sewers   | 6,350 00         |                    |
| Preliminary Surveys and Preparation of Plans, appropriated, \$5,000; allowed for sewers   | 24,340 00        |                    |
| Mark Banding, Boring, etc., appropriated, \$25,000; allowed for sewers  | 17,000 00        |                    |
|   | \$137,690 00     |                    |
| Salaries for Deputy Commissioner, Engineer, Clerks and all employees other than laboring force  |                  | \$16,000 00        |
| Sewers—Repairing and Cleaning   |                  | 80,000 00          |
| Surveying, Laying out Maps, Plans, etc.   |                  | 6,350 00           |
| Preliminary Surveys and Preparation of Plans  |                  | 24,340 00          |
| Boring Examinations, etc.   |                  | 17,000 00          |
| Contingencies   |                  | 1,000 00           |
|   |                  | \$144,690 00       |
| Borough of Queens.  |                  |                    |
| Have no means of ascertaining amounts appropriated.   |                  |                    |
| Salaries—Deputy Commissioner, Engineer, Clerks and all employees other than laboring force  |                  | \$17,200 00        |
| Sewers—Repairing and Cleaning   |                  | 60,000 00          |
| Contingencies   |                  | 1,000 00           |
|   |                  | \$86,200 00        |
| Borough of Richmond.  |                  |                    |
| No means of ascertaining amounts appropriated.  |                  |                    |
| Salaries—Deputy Commissioner and Chief Engineer (one-half salary), Engineer, Clerks and all employees other than laboring force         |                  | \$16,500 00        |
| Sewers—Repairing and Cleaning   |                  | 10,000 00          |
| Contingencies   |                  | 500 00             |
|   |                  | \$27,000 00        |

Respectfully submitted,  
JAS. KANE, Commissioner of Sewers.

| RECAPITULATION.      |              |
|----------------------|--------------|
| Borough of Manhattan | \$118,500 00 |
| Borough of Brooklyn  | 134,600 00   |
| Borough of The Bronx | 162,790 00   |
| Borough of Queens    | 86,200 00    |
| Borough of Richmond  | 27,500 00    |
| Total                | \$529,590 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                  | 6,000 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.

|   |                   |
|---|-------------------|
| 1 Deputy Commissioner.....  | \$5,000 00        |
| 1 Engineer.....   | 3,000 00          |
| 1 Draughtsman.....  | 1,200 00          |
| 1 Chief Clerk.....  | 1,500 00          |
| 1 Bookkeeper.....   | 1,200 00          |
| 1 Stenographer.....   | 900 00            |
| 9 Inspectors of Sewers and House Connections, at \$800 per annum..... | 7,200 00          |
| 1 Superintendent for Fair Rockaway Disposal Works.....                | 1,500 00          |
| 1 Engineer.....   | 900 00            |
| 1 Assistant Engineer.....   | 800 00            |
| 1 Fireman.....  | 720 00            |
|   | <hr/> \$43,920 00 |

Reclamations.

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. The sewers in the old Village of Flushing are in the same condition. The sewers in Far Rockaway and Arverne have just been completed. The sewers in Rockaway Beach and in Rockaway Park are in bad condition and will have to be immediately repaired and cleaned. There are also fifty receiving basins in the late Village of College Point which will have to be rebuilt. 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, be and the same are hereby, in part, appropriated and apportioned as follows:

DEPARTMENT OF SEWERS.

|                                      |             |
|--------------------------------------|-------------|
| Salaries—General Administration..... | \$45,800 00 |
|--------------------------------------|-------------|

BOROUGH OF MANHATTAN.

|                                    |                    |
|------------------------------------|--------------------|
| Salaries—                          |                    |
| Sewers—Repairing and Cleaning..... | \$15,200 00        |
| Sewerage System.....               | 5,000 00           |
|                                    | <hr/> \$16,200 00  |
| Boring Examinations.....           | 3,000 00           |
| Contingencies.....                 | 2,000 00           |
| Sewers—Repairing and Cleaning..... | 130,000 00         |
|                                    | <hr/> \$151,100 00 |

BOROUGH OF THE BRONX.

|                               |                    |
|-------------------------------|--------------------|
| Salaries.....                 | \$22,000 00        |
| Boring Examinations.....      | 15,000 00          |
| Contingencies.....            | 1,000 00           |
| Sewers and Drains.....        | 70,000 00          |
| Preliminary Surveys, etc..... | 25,220 00          |
|                               | <hr/> \$131,220 00 |

BOROUGH OF BROOKLYN.

|   |                    |
|---|--------------------|
| Salaries—Deputy Commissioner's Office, etc.....         | \$44,100 00        |
| Salaries—Laying out and Mapping Sewerage Districts..... | 23,650 00          |
|   | <hr/> \$67,750 00  |
| Boring Examinations.....                                | 3,000 00           |
| Contingencies.....                                      | 1,000 00           |
| Sewers—Repairing and Cleaning.....                      | 50,000 00          |
| Thirty-first Ward Sewerage District and 3.....          | 15,500 00          |
| Thirtieth Ward, Bath Beach District.....                | 2,500 00           |
|   | <hr/> \$139,750 00 |

BOROUGH OF QUEENS.

|  |                   |
|--|-------------------|
| Salaries, including one-third salary of Deputy Commissioner, at \$5,000..... | \$16,186 67       |
| Sewers—Repairing and Cleaning.....   | 45,500 00         |
| Contingencies.....   | 500 00            |
|  | <hr/> \$62,186 67 |

BOROUGH OF RICHMOND.

|  |                   |
|--|-------------------|
| Salaries, including one-third salary of Deputy Commissioner, at \$5,000..... | \$9,986 67        |
| Sewers—Repairing and Cleaning.....   | 8,000 00          |
| Contingencies.....   | 500 00            |
|  | <hr/> \$18,486 67 |

\$546,563 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:

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.

Yours truly,

HENRY S. KEARNY, Commissioner.

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES.

Provisional Estimate for 1898.

BROOKLYN.

|                                      |                   |
|--------------------------------------|-------------------|
| Deputy Commissioner.....             | \$5,000 00        |
| Stenographer.....                    | 1,200 00          |
| Secretary.....                       | 2,400 00          |
| Superintendent Public Lighting.....  | 3,000 00          |
| Superintendent Meter Tests.....      | 3,000 00          |
| Inspector of Public Buildings.....   | 3,000 00          |
| Chief Inspector of Electricity.....  | 3,000 00          |
| 1 Messenger.....                     | 1,000 00          |
| 2 Supply Inspectors, at \$1,500..... | 3,000 00          |
| 2 Clerks, at \$1,500.....            | 3,000 00          |
| 1 Supply Clerk, at \$1,800.....      | 1,800 00          |
|                                      | <hr/> \$29,400 00 |

Bureau of Public Lighting.

|                      |                  |
|----------------------|------------------|
| Clerk.....           | \$1,500 00       |
| Complaint Clerk..... | 1,350 00         |
| Stenographer.....    | 780 00           |
| 5 Inspectors.....    | 5,000 00         |
|                      | <hr/> \$8,630 00 |

Bureau of Meter Tests.

|                                 |                   |
|---------------------------------|-------------------|
| 1 Assistant Superintendent..... | \$1,800 00        |
| 1 Clerk.....                    | 1,500 00          |
| 3 Clerks, at \$1,000.....       | 3,000 00          |
| 1 Skilled Prover.....           | 1,500 00          |
| 10 Provers, at \$1,000.....     | 10,000 00         |
| 4 Inspectors, at \$1,000.....   | 4,000 00          |
| 8 Laborers, at \$626.....       | 5,008 00          |
|                                 | <hr/> \$26,808 00 |

Bureau of Inspection of Care and Maintenance of Public Buildings.

|   |            |
|---|------------|
| Stenographer.....   | \$1,100 00 |
| 2 Inspectors of Construction and Repairs, at \$1,300..... | 2,600 00   |
| 1 Clerk.....  | 1,500 00   |
| 1 Clerk.....  | 1,400 00   |
| 1 Messenger.....  | 1,000 00   |
| Baths—Keepers, Matrons and Watchmen and 2 Inspectors..... | 12,000 00  |
| Municipal Building—                                       |            |
| Keeper.....   | 1,400 00   |
| Engineer.....   | 1,100 00   |
| 2 Assistant Engineers, at \$540.....                      | 1,080 00   |
| 2 Firemen.....  | 1,560 00   |
| 2 Watchmen, at \$2 per diem.....                          | 1,400 00   |
| 25 Female Cleaners, at \$500.....                         | 12,500 00  |
| 4 Elevator Men, at \$500.....                             | 2,000 00   |
| 6 Male Cleaners and Laborers, at \$626.....               | 3,756 00   |

City Hall—

|                                   |           |
|-----------------------------------|-----------|
| 1 Keeper.....                     | 1,400 00  |
| 1 Assistant.....                  | 1,200 00  |
| 1 Engineer.....                   | 1,100 00  |
| 1 Engineer.....                   | 1,000 00  |
| 25 Female Cleaners, at \$500..... | 12,500 00 |
| 4 Male Cleaners, at \$626.....    | 2,504 00  |
| 2 Watchmen, at \$2.....           | 1,400 00  |

Hall of Records—

|   |           |
|---|-----------|
| 1 Keeper, 1 Assistant, 2 Engineers, 2 Watchmen, 1 Male Cleaner, 25 Female Cleaners, 1 Female Attendant..... | 14,316 00 |
|---|-----------|

Superintendent, Engineer, Court-house, Hall of Records and Jail (special act).

|  |          |
|--|----------|
|  | 2,300 00 |
|--|----------|

Board of Elections—

|                                 |          |
|---------------------------------|----------|
| 1 Janitor and Cleaners (2)..... | 1,600 00 |
|---------------------------------|----------|

Sheriff's Office—

|                                 |          |
|---------------------------------|----------|
| 3 Engineers at County Jail..... | 4,000 00 |
|---------------------------------|----------|

Court-house.

|  |           |
|--|-----------|
| 1 Keeper.....                            | 1,400 00  |
| 2 Assistant Keepers, at \$1,000.....     | 2,000 00  |
| 2 Watchmen, at \$730.....                | 1,460 00  |
| 2 Male Cleaners, at \$626.....           | 1,252 00  |
| 1 Ladies' Attendant.....                 | 500 00    |
| 25 Female Cleaners, at \$500.....        | 12,500 00 |
| 1 Supt.....                              | 1,000 00  |
| 2 Assistant Engineers, at \$400.....     | 1,200 00  |
| 10 Janitors for Courts, at \$900.....    | 9,000 00  |
| 2 Janitors for new Courts, at \$900..... | 1,800 00  |
| 1 Janitor for Courts.....                | 1,000 00  |

Department of Health.

|                                   |                    |
|-----------------------------------|--------------------|
| Cook, one.....                    | 1,000 00           |
| 1 Keeper, at \$750.....           | 750 00             |
| 2 Cleaners, at \$400.....         | 800 00             |
| 2 Carpenters, at \$4,100.....     | 8,200 00           |
| 1 Cabinetmaker.....               | 1,000 00           |
| 1 Cement Worker.....              | 700 00             |
| 4 Skilled Laborers, at \$750..... | 3,000 00           |
|                                   | <hr/> \$115,508 00 |

City Bureau of Electric Supply.

|   |                   |
|---|-------------------|
| Stenographer.....                       | \$1,100 00        |
| Messenger.....                          | 1,000 00          |
| Person Clerk.....                       | 1,400 00          |
| General Inspector, interior wiring..... | 1,800 00          |
| 10 Inspectors, interior wiring.....     | 12,000 00         |
| General Inspector, overhead wiring..... | 1,800 00          |
| 8 Inspectors, overhead wiring.....      | 9,600 00          |
| 2 Inspectors, underground wiring.....   | 2,400 00          |
| 3 Laborers, at \$2, 312 days.....       | 6,372 00          |
|   | <hr/> \$38,072 00 |

Brooklyn Supplies.

|   |                      |
|---|----------------------|
| Sheriff's office—Fuel, gas, supplies at Jail.....         | \$20,000 00          |
| Construction and repairs.....                             | 40,000 00            |
| Special Commissioner of Jurors.....                       | 1,000 00             |
| Examining Board of Plumbers.....                          | 575 00               |
| Rents of Public Buildings.....                            | 20,000 00            |
| Lighting.....   | 65,000 00            |
| Bureau of Supplies—Supplies.....                          | 45,500 00            |
| Baths—Salaries.....                                       | 10,000 00            |
| Salaries—General appropriation.....                       | 106,518 00           |
| Contingencies.....  | 50,000 00            |
| Wallabout Market.....                                     | 10,000 00            |
| Repairs to Public Buildings.....                          | 7,500 00             |
| Armories—Supplies.....                                    | 20,000 00            |
| Armories—Repairs.....                                     | 15,000 00            |
| Wallabout office building—Salaries.....                   | 700 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.....      | 1,500 00             |
| Disciplinary Training School—Repairs, gas, fuel, etc..... | 35,000 00            |
|   | <hr/> \$1,434,025 40 |

Provided for in Budget for 1895.

|   |                    |
|---|--------------------|
| Rent of Public Buildings.....                             | \$15,000 00        |
| Examining Board of Plumbers.....                          | 575 00             |
| Salaries—Public Baths.....                                | 10,000 00          |
| Salaries—City Hall.....                                   | 4,300 00           |
| Salaries—Civil and Police Courts.....                     | 10,000 00          |
| Wallabout Market.....                                     | 10,000 00          |
| Public Baths (supplies, storage, etc.).....               | 5,500 00           |
| Repairs to Public Buildings.....                          | 7,500 00           |
| Construction Bureau—Horse keep, etc.....                  | 1,000 00           |
| Bureau of Supplies.....                                   | 45,500 00          |
| Lighting Streets.....                                     | 65,500 00          |
| County Clerk—Record books, etc.....                       | 2,000 00           |
| Salaries—Inspectors, repairs, etc.....                    | 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 of City Works (one-half).....         | 92,627 00          |
| Hall of Records.....                                      | 14,810 00          |
| Board of Election (janitors and cleaners).....            | 1,600 00           |
| Department of Health (Keeper and Cleaner).....            | 2,350 00           |
| Special Commissioner of Jurors (rent and stationery)..... | 1,000 00           |
| Disciplinary Training School.....                         | 35,000 00          |
|   | <hr/> \$692,268 00 |

QUEENS.

|                                |            |
|--------------------------------|------------|
| Deputy.....                    | \$3,000 00 |
| 1 Clerk.....                   | 1,600 00   |
| 1 Clerk.....                   | 1,500 00   |
| 2 Clerks, at \$1,200.....      | 2,400 00   |
| 4 Clerks, at \$1,000.....      | 4,000 00   |
| 6 Inspectors, at \$1,200.....  | 7,200 00   |
| 10 Inspectors, at \$1,000..... | 10,000 00  |
| 20 Cleaners, at \$626.....     | 12,520 00  |
| 10 Janitors, at \$900.....     | 9,000 00   |



|  |            |
|--|------------|
| 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  |

*Lighting.*

|  |             |
|--|-------------|
| Village of Flushing.....                     | \$15,750 00 |
| Village of College Point.....                | 12,000 00   |
| Village of Whitestone.....                   | 3,592 30    |
| Town of Flushing.....                        | 10,008 00   |
| Long Island City.....                        | 75,800 00   |
| Newtown and Middle Village.....              | 74,510 00   |
| Village of Jamaica.....                      | 22,500 00   |
| Town of Jamaica.....                         | 40,000 00   |
| Village of Richmond Hill.....                | 15,200 00   |
| Demerion.....                                | 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    |
| Berwyn, Far Rockaway and Rockaway Beach..... | 3,250 00    |
| Astoria.....                                 | 4,386 00    |
| Far Rockaway.....                            | 7,700 00    |

\$334,331 05

*Provided for in Budget for 1897.*

|  |             |
|--|-------------|
| L. I. City—  |             |
| Lighting.....  | \$73,800 00 |
| Maintenance, Public Works one-half (\$4,000).....                      | 2,000 00    |
| Maintenance, Board of Assessors (\$5,000), 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 Board (\$5,000), salaries and supplies.....                | 1,200 00    |
| Newtown (\$41,623.74), salaries and supplies.....                      | 5,000 00    |
| Flushing Town (\$15,000), salaries and supplies.....                   | 500 00      |
| General fund (\$52,171.85), salaries and supplies.....                 | 4,000 00    |
| Street lighting.....   | 5,990 35    |
| Village of Flushing—Lighting.....                                      | 13,500 00   |
| General fund (\$50,100), salaries and supplies, etc.....               | 5,000 00    |
| Village of Whitestone—   |             |
| Electric lights.....   | 5,400 00    |
| General expense (\$1,500).....   | 500 00      |

\$125,896 35

*PROVISIONAL BUDGET FOR 1898.**RICHMOND.*

|                               |            |
|-------------------------------|------------|
| Deputy.....                   | \$5,000 00 |
| 1 Clerk.....                  | 1,200 00   |
| 2 Clerks, at \$1,000.....     | 2,000 00   |
| 5 Inspectors, at \$1,000..... | 5,000 00   |
| 1 Inspector of Repairs.....   | 1,200 00   |
| 1 Messenger.....              | 1,000 00   |
| 2 Janitors, at \$800.....     | 1,600 00   |
| 2 Janitors, at \$600.....     | 1,200 00   |
| 12 Cleaners, at \$450.....    | 5,400 00   |
| Repairs and supplies.....     | 8,500 00   |
| Telephones.....               | 1,000 00   |
| Lighting.....                 | 124,328 75 |
| Contingencies.....            | 10,000 00  |

\$105,988 75

*Details of Lighting.*

|                    |             |
|--------------------|-------------|
| Port Richmond..... | \$12,731 00 |
| Edgewater.....     | 18,850 00   |
| Northfield.....    | 15,800 00   |
| Westfield.....     | 11,588 25   |
| Tottenville.....   | 2,340 00    |
| New Brighton.....  | 39,348 00   |
| Middletown.....    | 13,800 00   |
| Southdale.....     | 11,543 75   |
| Frank Kill.....    | 347 75      |

Total as above.....\$124,328 75

*Provided for in Budget for 1897.*

|  |             |
|--|-------------|
| County Budget (County abstract, \$86,447.64), salaries and supplies.....                   | \$10,000 00 |
| 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..... | 8,000 00    |
| Town of Northfield (Town abstract, \$14,334.08), salaries and supplies.....                | 4,000 00    |
| Town of Middletown (Town abstract, \$10,451.28), salaries and supplies.....                | 3,000 00    |
| Board of Health (\$7,275), salaries and supplies.....                                      | 300 00      |
| Justices and Constables (\$6,514.32), 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 Tottenville, lamps and maintenance.....   | 900 00      |
| (\$300) incidentals, salaries and supplies.....  | 300 00      |
| Village of Port Richmond (\$12,000), general expenses—salaries and supplies.....           | 3,000 00    |
| Street lighting.....   | 8,000 00    |
| Board of Health (\$1,000), salaries and supplies.....                                      | 200 00      |

\$68,597 00

*Provisional Estimate for 1898.**BUREAU.*

|  |            |
|--|------------|
| Bureau of Public Lighting.....                                   |            |
| Bureau of Meter Tests.....                                       |            |
| Bureau of Care and Maintenance of Public Buildings.....          |            |
| Electrical Bureau.....   |            |
| <i>MANHATTAN AND BRONX.</i>                                      |            |
| <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 E.....                               | 3,000 00   |
| Consulting Engineer of Public Buildings.....                     | 3,000 00   |
| Consulting Architect.....  | 5,000 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   |

\$68,597 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   |

Total.....\$62,000 00

*Chief Engineer's Office.*

|                               |            |
|-------------------------------|------------|
| 2 Assistants, at \$2,000..... | \$4,000 00 |
| 1 Draughtsman.....            | 1,200 00   |
| Stenographer.....             | 750 00     |

Total.....\$5,950 00

*Borough Organization—Manhattan and Bronx.*

|  |            |
|--|------------|
| Superintendent of Public Lighting.....                     | \$1,000 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   |

Total.....\$13,000 00

*Bureau of Public Lighting.*

|                               |            |
|-------------------------------|------------|
| Clerk.....                    | \$1,800 00 |
| Clerk.....                    | 1,200 00   |
| Stenographer.....             | 1,040 00   |
| 4 Inspectors, at \$1,000..... | 4,000 00   |

Total.....\$8,040 00

*Bureau of Meter Tests.*

|                               |            |
|-------------------------------|------------|
| 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     |

Total.....\$61,715 00

*Bureau of Inspection of Care and Maintenance of Public Buildings.*

|                                       |            |
|---------------------------------------|------------|
| 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.....                        | 1,800 00   |
| 3 Janitors, at \$1,200.....           | 3,600 00   |
| 1 Janitor, at \$1,100.....            | 1,100 00   |
| 1 Janitor, at \$1,095.....            | 1,095 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     |

|   |           |
|---|-----------|
| <i>Markets—</i>                                     |           |
| 1 Sweeper (Foreman).....                            | 750 00    |
| 3 Sweepers, at \$650.....                           | 1,950 00  |
| 25 Sweepers, at \$572.....                          | 14,300 00 |
| 10 Carmen with carts, at \$1,092.....               | 10,920 00 |
| 1 Bath Attendant, at \$1,400.....                   | 1,400 00  |
| 8 Bath Attendants, at \$1,095.....                  | 8,760 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.....                                | 700 00    |
| 4 Cleaners, at \$704.....                           | 2,816 00  |
| 16 Cleaners, at \$625.....                          | 10,000 00 |
| 72 Male Cleaners, at \$624.....                     | 44,928 00 |
| 4 Cleaners, at \$470.....                           | 1,880 00  |
| 152 Female Cleaners, at \$350.....                  | 53,200 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 Janitor, 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 \$950.....                         | 2,850 00  |
| 39 Male Bath Attendants, for season, at \$2.50..... | 97,500 00 |
| 39 Female Attendants, for season, at \$2.....       | 78,000 00 |

\$773,465 00

*Electrical Bureau.*

|   |           |
|---|-----------|
| 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  |

\$74,576 00

*Chief Clerk's Office.*

|                               |          |
|-------------------------------|----------|
| Stenographer.....             | \$750 00 |
| General Bookkeeper.....       | 3,500 00 |
| 2 Messengers, at \$1,000..... | 2,000 00 |
| Corresponding Clerk.....      | 2,400 00 |
| Appointment Clerk.....        | 2,100 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 |

\$17,250 00



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

|   |                |
|---|----------------|
| Fuel  | \$30,000 00    |
| Ice   | 4,000 00       |
| New window awnings  | 2,000 00       |
| Telephone and electric service  | 20,000 00      |
| Care of clocks  | 850 00         |
| Care of stoves  | 500 00         |
| New window shades   | 1,200 00       |
| New sashes  | 4,000 00       |
| Carpets, rugs, etc.   | 4,000 00       |
| Stenographers in City Hall, Fourth and Sixth District Civil Courts and the County Court-house   | 10,000 00      |
| Expressage  | 800 00         |
| Law books   | 2,000 00       |
| City Directories  | 1,500 00       |
| Janitors', Cleaners' and Engineers' supplies  | 5,000 00       |
| Stationery, etc., for the Supreme Court   | 18,000 00      |
| Cleaning Markets—For pay of sweepers employed on Sundays; for pay of cartmen employed on Sundays; brooms, shovels, hoes, pickaxes, wheelbarrows, etc. | 3,300 00       |
| General care and repair of floating baths   | 10,920 00      |
| Mural decorations of the City Hall, County Court-house, painting, roofing and interior repairs and changes  | 3,500 00       |
| Criminal Court-house—General repairs  | 6,000 00       |
| City Hall—Painting, roofing, general repairs  | 1,500 00       |
| Hall of Records—Heating apparatus and general repairs   | 1,000 00       |
| West Fifty-fourth Street Court-house—General repairs  | 3,000 00       |
| Other Police and Civil Courts—General repairs   | 4,000 00       |
| Volunteer Firemen's Building, East Fifty-ninth street—Additional improvements and extension   | 5,000 00       |
| General repairs to miscellaneous public buildings   | 6,000 00       |
| Public Markets—General repairs  | 10,000 00      |
| Glazing and insurance of window glass   | 1,200 00       |
| Hardware, lumber, paint, etc., for the mechanics employed on repairs  | 33,750 00      |
| Supplies for Criminal Court Building  | 4,000 00       |
| Supplies for new Courts, Fifth Police, and Eleventh, Twelfth, and Thirteenth District Civil Courts  | 2,000 00       |
| Armories—Repairs, to be expended under supervision of Armory Board  | 55,000 00      |
| Armories—Supplies, to be expended under supervision of Armory Board   | 17,000 00      |
| Electrical appliances for testing   | 3,500 00       |
| Appliances for testing gas  | 3,000 00       |
| Salaries  | \$66,655 00    |
| Contingencies   | 50,000 00      |
| Rent of main office in New York Life Building   | 6,000 00       |
| Offices of Electrical Bureau  | 2,000 00       |
| Rent of offices in Bronx  | 1,000 00       |
| Rent of yard for testing meters   | 1,500 00       |
| Appliances for testing meters   | \$825 00       |
| Lamps and lighting—Manhattan  | 981,914 04     |
| Lamps and lighting—Bronx  | 403,185 75     |
| Typewriters   | 10,000 00      |
| Furniture   |                |
| President of Board of Public Improvements—Desks, tables, chairs, seal, presses, carpets, etc.   | 4,000 00       |
| Tenth Municipal Court—Bookcase, arm-chairs, revolving chairs, etc.  | 300 00         |
| President, Borough of Manhattan—Furniture, desks, carpets, filing cases, etc.   | 4,000 00       |
| Comptroller—Chairs, mantels, carpets, bookcases, etc.   | 1,500 00       |
| Commissioner of Buildings—Desks, chairs, carpets, tables, letter-file case, safes, lockers, etc.  | 5,500 00       |
| Commissioner of Sewers—Desks, wardrobes, chairs, carpets, linoleums, lounge, racks, tables, etc.  | 6,000 00       |
| Supervisor City Records—Wardrobe, desk, etc.  | 400 00         |
| Second District Municipal Court—Carpets, linoleum, chairs, stoves, etc.   | 1,000 00       |
| Board of Assessors—Desks, chairs, bookcases, etc.   | 1,600 00       |
| City Clerk—Desks, fireproof cases, etc.   | 2,600 00       |
| First District Municipal Court—Wardrobes, seals, etc.   | 325 00         |
| Commissioner of Bridges—Desks, chairs, carpets, tables, engineering instruments, etc.   | 6,000 00       |
| Department of Street Cleaning—Furniture, desks, wardrobes, carpets, etc.  | 1,000 00       |
| Sheriff—Furniture, carpets, desks, etc.   | 5,000 00       |
| Commissioner of Buildings, Lighting and Supplies—Furniture, desks, carpets, etc.  | 2,000 00       |
| Furniture and repairs for all other offices and courts  | 30,000 00      |
|   | \$2,334,424 79 |

## Provided for in Budget for 1897.

|   |                |
|---|----------------|
| Cleaning Markets  | \$40,000 00    |
| Clerk—Account Markets   | 1,200 00       |
| Free Floating Bath  | 10,920 00      |
| Lamps, Gas and Electric Lighting  | 1,290,230 00   |
| Telephones—Detached   | 20,000 00      |
| Public Buildings—Construction and Repairs, including deficiencies and \$10,000 for mural decorations of the City Hall | 101,000 00     |
| Armories  |                |
| Repairs   | 55,000 00      |
| Supplies  | 17,000 00      |
| Supplies for Cleaning Public Offices, etc.  | 182,125 00     |
| Salaries—Free Floating Baths  | 28,035 00      |
| Salaries—Supplies for and Cleaning Public Offices   | 33,316 66      |
| Bureau of Fire-Alarm and Electrical Appliances  | 18,600 00      |
| Department of Public Works  |                |
| Salaries of Assigned Employees and Superintendents  | 12,000 00      |
| Contingencies   | 5,000 00       |
| Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards   |                |
| Salaries  | 15,807 00      |
| Supplies  | 3,000 00       |
|   | \$1,840,039 66 |

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.

Commissioner and staff, including Deputies for Manhattan and Bronx, Secretary, Purchasing Agent, Chief Clerk, Chief Engineer, Consulting Engineer of Lighting and Electricity, Consulting Engineer of Public Buildings, and Consulting Architect, Stenographer, Messengers, and Purchasing Department, designed to attend in needs of entire city. Entirely new—not provided for in estimate.

Salaries of Chief Engineer's staff, designed as above to attend to needs of entire city. Entirely new—not provided for in estimate.

## Borough Organization.

|  |           |
|--|-----------|
| 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. Estimated salaries, \$13,000; provided for, \$5,000. Balance, \$7,500. | 7,500 00  |
| Bureau of Public Lighting—Estimated, \$8,040; allowed, \$7,700.  | 340 00    |
| Bureau of Meter Tests. Salaries entirely new. No provision made.   | 51,714 00 |
| Bureau of Public Buildings—Increase Urinal Attendants, \$5,000; 1 Dynamo Tender and 2 Assistants for Criminal Court Building, \$3,000; 1 Clerk, \$900; 9 Cleaners, \$5,640; 2 Cleaners, \$720; 1 Elevator Attendant, \$700.  | 15,936 00 |
| Electrical Bureau—practically new, except transfers from Fire Department. Estimated, \$74,576. Credit by transfers from Fire Department, \$18,600.   | 55,976 00 |
| Chief Clerk. Entirely new. Designed to attend to affairs of entire city. No provision made in appropriation.   | 17,280 00 |
| Construction and Repairs. Estimated, \$104,171. Allowed, \$101,000.  | 3,171 00  |
| Fuel   | 7,000 00  |
| Ice  | 1,000 00  |
| New window awnings   | 1,000 00  |
| New window shades  | 600 00    |

|  |              |
|--|--------------|
| New sashes   | \$2,000 00   |
| New office furniture and repairs                                   | 68,225 00    |
| Carpets, rugs, etc.  | 1,500 00     |
| New typewriters  | 10,000 00    |
| Miscellaneous supplies for and cleaning public offices             | 131 34       |
| City Directories   | 300 00       |
| Expressage   | 500 00       |
| Law books  | 700 00       |
| Janitors', Cleaners' and Engineers' supplies                       | 2,500 00     |
| Stationery, etc., for Supreme Court                                | 8,000 00     |
| Glazing and insurance on window glass                              | 200 00       |
| Hardware, lumber, paint, etc., for mechanics employed on repairs   | 5,000 00     |
| Lamps and lighting   | 94,863 79    |
| Electrical appliances for testing                                  | 3,500 00     |
| Appliances for testing gas   | 3,000 00     |
| Appliances for testing meters                                      | 5,828 00     |
| Salaries of Bath Attendants, estimated \$30,978, allowed \$28,635. | 2,343 00     |
| Rent of main office in New York Life Building                      | 6,000 00     |
| Rent of offices for Electrical Bureau                              | 2,000 00     |
| Rent of yard, etc., for testing meters                             | 1,500 00     |
| Rent of offices in Bronx   | 1,000 00     |
| Contingencies, estimated \$50,000, allowed \$5,000                 | 45,000 00    |
|  | \$494,352 13 |

## BROOKLYN.

|                                 |             |
|---------------------------------|-------------|
| Deputy Commissioner             | \$5,000 00  |
| Engineer                        | 4,000 00    |
| Stenographer                    | 1,200 00    |
| Accountant                      | 3,000 00    |
| Secretary                       | 2,400 00    |
| 2 Draftsmen, at \$1,500         | 3,000 00    |
| Superintendent Public Lighting  | 3,000 00    |
| Superintendent Meter Tests      | 3,000 00    |
| Inspector of Public Buildings   | 3,000 00    |
| Chief Inspector of Electricity  | 3,000 00    |
| 1 Messenger                     | 6,000 00    |
| 2 Supply Inspectors, at \$1,500 | 3,000 00    |
| 2 Clerks, at \$1,500            | 3,000 00    |
| 1 Supply Clerk, at \$1,500      | 1,500 00    |
|                                 | \$29,400 00 |

## Bureau Public Lighting.

|                 |            |
|-----------------|------------|
| Clerk           | \$1,350 00 |
| Complaint Clerk | 1,350 00   |
| Stenographer    | 750 00     |
| 5 Inspectors    | 5,000 00   |
|                 | \$8,650 00 |

## Bureau of Meter Tests.

|                            |             |
|----------------------------|-------------|
| 1 Assistant Superintendent | \$1,800 00  |
| 1 Clerk                    | 1,500 00    |
| 3 Clerks, at \$1,000       | 3,000 00    |
| 1 Skilled Prover           | 1,500 00    |
| 10 Provers, at \$1,000     | 10,000 00   |
| 4 Inspectors, at \$1,000   | 4,000 00    |
| 8 Laborers, at \$625       | 5,000 00    |
|                            | \$26,800 00 |

## Bureau of Inspection of Care and Maintenance of Public Buildings.

|   |            |
|---|------------|
| Stenographer                                      | \$1,100 00 |
| 2 Inspectors of Construction and Repairs, \$1,300 | 2,600 00   |
| 2 Masons  | 2,000 00   |
| 1 Clerk   | 1,500 00   |
| 1 Clerk   | 1,000 00   |
| 1 Clerk   | 1,000 00   |
| 1 Plumber, at \$4                                 | 1,352 00   |
| 1 Messenger                                       | 1,000 00   |
| 1 Plumber's Helper, at \$2                        | 626 00     |
| Baths—Keepers, Matrons, Watchmen and 2 Inspectors | (5,000 00) |
| Municipal Building—                               |            |
| Keeper  | 1,400 00   |
| Engineer  | 1,100 00   |
| 2 Assistant Engineers, at \$840                   | 1,680 00   |
| 2 Firemen   | 1,500 00   |
| 2 Watchmen, at \$2 per diem                       | 1,300 00   |
| 25 Female Cleaners, at \$500                      | 7,500 00   |
| 4 Elevator Men, at \$800                          | 3,200 00   |
| 6 Male Cleaners and Laborers, at \$625            | 3,750 00   |

|  |           |
|--|-----------|
| City Hall—   |           |
| 1 Keeper   | 1,400 00  |
| 1 Assistant  | 1,100 00  |
| 1 Engineer   | 1,100 00  |
| 1 Engineer   | 840 00    |
| 25 Female Cleaners, at \$500   | 7,500 00  |
| 4 Male Cleaners, at \$625  | 2,500 00  |
| 2 Watchmen, at \$2   | 1,300 00  |
| Hall of Records—   |           |
| 1 Keeper, 1 Assistant, 2 Engineers, 2 Watchmen, 1 Male Cleaner, 20 Female Cleaners, 1 Female Attendant | 14,816 00 |
| Superintendent Engineer, Court-house, Hall of Records and Jail (special act)                           | 2,000 00  |
| Board of Elections—1 Janitor and Cleaners (2)  | 1,600 00  |
| Sheriff's Office—3 Engineers at County Jail  | 4,200 00  |
| Court-house—   |           |
| 1 Keeper   | 1,400 00  |
| 2 Assistant Keepers, at \$1,000  | 2,000 00  |
| 2 Watchmen, at \$730   | 1,460 00  |
| 2 Male Cleaners, at \$625  | 1,250 00  |
| 1 Ladies' Attendant  | 500 00    |
| 25 Female Cleaners, at \$500   | 7,500 00  |
| 1 Engineer   | 1,100 00  |
| 2 Assistant Engineers, at \$840  | 1,680 00  |
| 10 Janitors for Courts, at \$900   | 9,000 00  |
| 2 Janitors for new Courts, at \$900  | 1,800 00  |
| 1 Janitor for Courts, at   | 1,000 00  |

|                             |              |
|-----------------------------|--------------|
| Department of Health—       |              |
| Coal, etc.                  | 1,000 00     |
| 1 Keeper, at \$750          | 750 00       |
| 1 Cleaner, at \$300         | 600 00       |
| 3 Carpenters, at \$1,092    | 3,276 00     |
| 1 Cabinetmaker, at \$1,092  | 1,092 00     |
| 1 Cement Worker             | 702 00       |
| 4 Skilled Laborers at \$780 | 3,120 00     |
|                             | \$124,486 00 |

## Chief Inspector of Electricity—Staff.

|                                    |             |
|------------------------------------|-------------|
| Stenographer                       | \$1,100 00  |
| Messenger                          | 1,000 00    |
| Permit Clerk                       | 1,400 00    |
| General Inspector, interior wiring | 1,800 00    |
| 10 Inspectors, interior wiring     | 12,000 00   |
| General Inspector, overhead wiring | 1,800 00    |
| 8 Inspectors, overhead wiring      | 9,600 00    |
| 2 Inspectors, underground wiring   | 2,400 00    |
| 3 Laborers, at \$2, 312 days       | 1,872 00    |
|                                    | \$32,972 00 |







|  |                |
|--|----------------|
| If bridges are not rebuilt we want.....                            | \$1,415,823 50 |
| If bridges are rebuilt over Gowanus we want.....                   | 2,516,823 50   |
| If bridges are rebuilt over Gowanus and Newtown Creek we want..... | 3,065,823 50   |
| Total reduction.....   | \$1,025,000 18 |

## 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    |
| Total.....                              | \$31,780 00 |

## 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      |
| Supplies.....                               | 75 00       |
| Coal, 155 tons, at \$4.....                 | 620 00      |
| Oil, waste and tools.....                   | 50 00       |
| Painting.....                               | 5,000 00    |
| Repairs to machinery and electric work..... | 280 00      |
| Total.....                                  | \$17,495 00 |

|                                 |            |
|---------------------------------|------------|
| 2. Washington Bridge—           |            |
| 1 Inspector of Iron.....        | \$1,000 00 |
| 3 Laborers, at \$2 each.....    | 6,000 00   |
| 3 Laborers, at \$1.75 each..... | 1,937 50   |
| Total.....                      | \$8,937 50 |

|                                    |             |
|------------------------------------|-------------|
| 3. Central Bridge—                 |             |
| 3 Steam Engineers, at \$1,000..... | \$3,000 00  |
| 3 Firemen, at \$840.....           | 2,520 00    |
| 10 Bridge Tenders, at \$520.....   | 5,200 00    |
| 7 Laborers, at \$2 per day.....    | 5,470 00    |
| Coal, 250 tons, at \$4.75.....     | 1,187 50    |
| Total.....                         | \$17,377 50 |

|                                    |            |
|------------------------------------|------------|
| 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   |
| Coal, 70 tons, at \$4.75.....      | 332 50     |
| Total.....                         | \$9,452 50 |

|   |             |
|---|-------------|
| 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 82   |
| 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.....   | 1,250 00    |
| Total.....  | \$27,342 82 |

|  |             |
|--|-------------|
| Totals of 2, 3 and 4.....  | \$18,792 50 |
| 5. Third Avenue Bridge (to be maintained for nine months 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    |
| Supplies.....  | \$10,200 00 |

|                                    |             |
|------------------------------------|-------------|
| Coal, 202½ tons, at \$4.75.....    | \$4,246 88  |
| Tools, oil, waste and repairs..... | 6,000 00    |
| 2,246 78                           |             |
| Total.....                         | \$18,446 88 |

## 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..... | 22,000 00   |
| Total.....   | \$23,000 00 |

## 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      |
| Total.....  | \$39,040 00 |
| Add \$480.....  | 480 00      |
| Total.....  | \$39,520 00 |
| To this should be added for repairs to Blissville Bridge, \$15,000, making \$20,000 in all..... | 15,000 00   |
| Total.....  | \$70,040 00 |

## 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..... | 10,500 00   |
| 20 Laborers, Axemen and Rodmen.....  | 12,000 00   |
| 30 Bridge Keepers and Tenders.....   | 27,000 00   |
| 1 Engineer.....                      | 4,000 00    |
| Total.....                           | \$64,000 00 |

## SCHEDULE 6.

|   |             |
|---|-------------|
| Painting iron structures.....                     | \$3,000 00  |
| Repairs on old draw bridges.....                  | 15,250 00   |
| Supplies—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    |
| Total.....  | \$25,000 00 |

## SCHEDULE 7.

|                             |             |
|-----------------------------|-------------|
| Hamilton Avenue Bridge..... | \$50,000 00 |
| Third Street Bridge.....    | 20,000 00   |
| Union Street Bridge.....    | 15,000 00   |
| Total.....                  | \$85,000 00 |

## SCHEDULE 8.

|  |             |
|--|-------------|
| Chief Clerk.....                         | \$2,500 00  |
| Messenger.....                           | 1,200 00    |
| Stenographer to Deputy Commissioner..... | 1,000 00    |
| 2 Inspectors.....                        | 3,000 00    |
| 4 Mechanics.....                         | 4,200 00    |
| 25 Laborers, Axemen and Rodmen.....      | 24,000 00   |
| 2 Firemen.....                           | 2,100 00    |
| 4 Bridge Tenders.....                    | 1,200 00    |
| 1 Engineer and Superintendent.....       | 4,000 00    |
| Total.....                               | \$45,300 00 |

## SCHEDULE 9.

|   |             |
|---|-------------|
| Repairing and Maintaining Cromwell's Creek Bridge.....                              | \$500 00    |
| Repairing and Maintaining Bronx River and Other Bridges.....                        | 5,500 00    |
| Repairing and Maintaining Bridges Over New York and Harlem Railroad Deposition..... | 10,000 00   |
| Total.....  | \$16,000 00 |

## SCHEDULE 10.

|   |             |
|---|-------------|
| Chief Clerk.....                            | \$2,500 00  |
| Messenger.....                              | 1,000 00    |
| Stenographer to Deputy Commissioner.....    | 1,000 00    |
| 2 Inspectors.....                           | 2,400 00    |
| 2 Bridge Keepers.....                       | 2,000 00    |
| 10 Assistant Keepers.....                   | 7,000 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   |
| 4 Resident Engineer and Superintendent..... | 2,400 00    |
| 1 Rodman.....                               | 1,500 00    |
| 1 Axeman, at \$1.50 per day.....            | 750 00      |
| Total.....                                  | \$38,050 00 |

## SCHEDULE 11.

|  |             |
|--|-------------|
| Flushing Bridge, painting and repainting.....                    | \$1,500 00  |
| Earth Neck Bridge, new abutments.....                            | 5,000 00    |
| Korom's Bridge, new abutments.....                               | 5,000 00    |
| Bardonia Avenue Bridge, repairs in turning machinery.....        | 3,000 00    |
| Andale 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    |
| Total.....   | \$25,000 00 |

## SCHEDULE 12.

|                       |            |
|-----------------------|------------|
| 1 Superintendent..... | \$1,200 00 |
| 1 Inspector.....      | 900 00     |
| 2 Bridge Tenders..... | 1,200 00   |
| Total.....            | \$3,300 00 |

## SCHEDULE 13.

|                                      |            |
|--------------------------------------|------------|
| Repairs and supplies (Richmond)..... | \$6,500 00 |
|--------------------------------------|------------|

## SCHEDULE 14.

|   |              |
|---|--------------|
| Wages of employees on New York and Brooklyn Bridge..... | \$661,500 00 |
| Salaries of officers.....                               | 35,000 00    |
| Total.....  | \$714,500 00 |

|  |                |
|--|----------------|
| 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..... | \$1,228,143 24 |
| Balance for 1898.....  | 901,761 68     |
| Reduction.....   | \$326,381 56   |

## 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.....        | 55,244 00    |
| Sewer and water pipes and fittings..... | 1,315 28     |
| Lumber of all kinds.....                | 10,437 16    |
| Contingencies.....                      | 10,000 00    |
| Total.....                              | \$187,261 68 |



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

#### APPROPRIATIONS FOR 1898.

| Brooklyn.   |              |           |
|---|--------------|-----------|
| Budget, page 24.....  | \$7,500 00   |           |
| " 27.....   | 20,000 00    | 27,500 00 |
| New York.   |              |           |
| Budget, page 15.....  | \$11,500 00  |           |
| " 16.....   | 15,000 00    |           |
| " 17.....   | 50,000 00    |           |
| " 18.....   | 8,000 00     |           |
| " 18.....   | 500 00       |           |
| " 18.....   | 5,000 00     |           |
|   | 90,000 00    |           |
|   | \$117,500 00 |           |
| Excess of estimated resources and appropriations over sum required..... | \$82,907 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 Fort 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. Dicks Creek and Dicks lane, Twenty-sixth Ward.   |  |
| 20. Kingsland avenue, near Greengarden 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. Bainbridge avenue.  |  |
| 33. New York Central Railroad and River avenue.                             |  |
| 34. Riverdale avenue, over Kingsbridge Creek.                               |  |
| 35. New York Central Railroad and Church street.                            |  |
| 36. Cromwell'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 Heaver 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. Motavim.            |  |
| 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..... | 904 |
|-------------------|-----|

#### 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:

| New York City.  |    |
|---|----|
| Department of Public Works.....   | 4  |
| " " Parks.....  | 7  |
| " " Improvements.....   | 51 |
| Brooklyn.   |    |
| Department of City Works.....   | 30 |
| Queens.   |    |
| Board of Supervisors, Queens County.....  | 9  |
| Richmond.   |    |
| 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.....  | \$275,681 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 item of salaries for the Main office amounts to one hundred thousand four hundred and eighty dollars, and includes compensation for every person employed in the Department, from Commissioner down to Messengers. The officers and employees enumerated are fixed by the Commissioner upon his judgment and upon information received from persons now connected with bridges in this city.

The item for maintaining bridges over the Harlem river and repairing the same for the year 1898 is an increase over 1897 of thirty-four thousand and sixty-eight dollars, caused by the necessity of thorough repairs to Madison Avenue Bridge, painting Ship Canal Bridge and overhauling its machinery, and maintaining the New Third Avenue Bridge for nine months from April 1 next, at which time it is expected said bridge will be delivered in the City by the contractors. There has been appropriated for all of the bridges in this item, except the Third Avenue Bridge, \$61,500. It will cost for maintenance and repairs for all, exclusive of the Third Avenue, \$79,105, and for maintenance of Third Avenue Bridge \$18,446.38; making the total, as called for, of \$97,641.88.

The item for maintaining bridges over Newtown Creek is the same as 1897, and is based upon the number and compensation of employees on said bridges. There are now employed thereon fifty-two persons, whose wages aggregate \$38,560 per annum. The item for repairs to said bridges is made from reports presented by engineers. It is doubtful economy to expend \$10,000 for repairs to Vernon Avenue Bridge and \$5,000 for repairs to Blyville Bridge. No matter how well such repairs may be made, they will be but temporary. From all the information that can be had in relation to them, there is but one conclusion—the bridges should be rebuilt.

The item for the Borough of Brooklyn includes the sum of \$85,000 for rebuilding three bridges over Gowanus Canal, as follows:

|                 |             |
|-----------------|-------------|
| Hamilton Avenue | \$50,000 00 |
| Third Street    | 20,000 00   |
| Union Street    | 15,000 00   |

There are now employed on the bridges in the Borough of Brooklyn thirty Tenders, who have been transferred to the Police Department. Persons to take their places will require \$27,000. The Superintendents, Inspectors, Engineers, Mechanics, Laborers, Axemen and Rodmen are necessary, at a cost of \$31,500. The remaining officers are new.

The item for the Borough of Bronx is for maintenance of fifty-one bridges now open for public travel, and eleven bridges now building, to be completed this year. The cost for repairs has been estimated by Engineer Gay and others, after personal examination. The salaries include office force of Deputy's office: Mechanics, Laborers, Bridge Tenders, Engineer and Superintendent.

The item for the Borough of Queens is for maintenance of nine bridges open for public travel, and a number of small bridges scattered over a large territory. The amount asked for is for the pay of salaries of the office force of Deputy's office: Bridge Tenders, Mechanics, Laborers, Engineer and Superintendent. The repairs are recommended as necessary by Engineer McLaughlin and others.

The item for the Borough of Richmond is for maintenance of nine bridges of importance, besides a number of smaller bridges throughout the borough, including salaries of officers and repairs.

Effort has been made to ascertain the cost of maintaining and repairing bridges in the boroughs constituting The City of New York, and, with the exception of the New York and Brooklyn Bridge and the bridges over the Harlem river, have not been successful.

The cost of the New York and Brooklyn Bridge is shown here in full. The bridges over the Harlem river cost for maintenance and repairs for the year 1897, \$63,573.88. The call for an increase is hereby shown.

The cost of the bridges, other than those mentioned, have been paid from different Departments, such as Public Works, Parks and Department of Street Improvements in the old City of New York. In Brooklyn, from Public, City Works, special accounts, and in part by Brooklyn and Queens County. In Queens, from County funds, Road Commissioner's accounts, bridge appropriations, and Queens and Kings County. In Richmond, from County funds and Road Commissioner's accounts.

I have in this estimate been conservative, with a view to asking only for such an appropriation as would meet the necessities of the Department in the interest of the City.

I append hereto recommendations of competent engineers in relation to the advisability of rebuilding the bridges over Newtown Creek and Gowanus Canal.

Respectfully submitted,

JOHN L. SHEA, Commissioner of Bridges.

Dated New York, January 20, 1898.

TRUSTEES OF THE NEW YORK AND BROOKLYN BRIDGE;  
BROOKLYN, January 14, 1898.

Hon. JOHN L. SHEA, Bridge Commissioner:

DEAR SIR:—Inclosed please find an estimate of moneys required for the New York and Brooklyn Bridge for the year 1898; also for all of the other bridges in the Borough of Brooklyn, except those crossing Newtown Creek.

Also a report from Mr. Longthorn, Assistant Engineer, who has been in charge of the bridges over Gowanus Canal, recommending the renewal of those bridges, and an estimate of the cost thereof.

Respectfully submitted,

C. C. MARTIN, Chief Engineer and Superintendent.

JANUARY 14, 1898.

C. C. MARTIN, Esq., Chief Engineer, Department of Bridges, Borough of Brooklyn:

SIR:—I beg to submit the following report on the necessity of rebuilding the three bridges across the Gowanus Canal at Hamilton Avenue, Third Street and Union Street, with estimate of the cost.

These three bridges are all about in the same condition, and while they will probably last another year, it will not be safe to let them go two years.

An appropriation should therefore be made for at least two of them this year, in order that the three may be complete in two years.

| Estimate.              |             |
|------------------------|-------------|
| Hamilton Avenue Bridge | \$50,000 00 |
| Third Street Bridge    | 20,000 00   |
| Union Street Bridge    | 15,000 00   |

Very respectfully,

J. S. LANGTHORN.

OFFICE OF THE COUNTY ENGINEER—QUEENS COUNTY, N. Y.,  
JAMAICA, N. Y., January 8, 1898.

Hon. JOHN E. BACKUS:

SIR:—Last year we prepared plans and specifications for a new bridge at Vernon Avenue which we estimated would cost \$300,000. Bids were called for, received and opened for this work. The lowest bid was \$271,000, but no contract was ever awarded.

Three hundred thousand dollars would be a fair estimate.

The Blyville Bridge would be like the Meeker Avenue Bridge, which cost \$142,000, but would require somewhat deeper foundations. A fair estimate would be \$150,000.

Respectfully,

JOHN J. McLAUGHLIN.

Bridges over Newtown Creek.

|                   | EMPLOYERS. | COMPEN-<br>SATION. | REPAIRS.    | RENEWAL.     |
|-------------------|------------|--------------------|-------------|--------------|
| 1. Vernon Avenue  | 13         | \$9,640 00         | \$10,000 00 | \$300,000 00 |
| 2. Blyville       | 13         | 9,640 00           | 5,000 00    | 150,000 00   |
| 3. Meeker Avenue  | 13         | 9,640 00           | 500 00      | .....        |
| 4. Grand Street   | 13         | 9,640 00           | 500 00      | .....        |
| 5. Magenta Avenue | 11         | \$2,560 00         | \$45,000 00 | \$125,000 00 |
|                   |            | 15,000 00          |             |              |
|                   |            | \$51,560 00        |             |              |

The maintenance for the year 1897 could not be obtained, because it is charged against the "Contingent Fund," and is not kept as a separate account.

The above estimate is based on personal examination by Oscar Erlundsen, M. Am. Soc., C. E.

JOHN E. BACKUS, Deputy Commissioner of the Borough of Queens.

Borough of Queens.

|                                |            |
|--------------------------------|------------|
| Deputy Commissioner            | \$3,000 00 |
| Chief Clerk                    | 1,500 00   |
| Messenger                      | 1,000 00   |
| 2 Inspectors                   | 2,400 00   |
| 2 Bridge Keepers               | 2,000 00   |
| 10 Assistant Bridge Keepers    | 1,200 00   |
| 2 Foremen, at \$3.50 per day   | 2,100 00   |
| 4 Mechanics, at \$3.50 per day | 4,200 00   |
| 20 Laborers, at \$2 per day    | 12,000 00  |
| Repairs and Supplies           | 25,000 00  |
| Resident Engineer              | 2,400 00   |
| Rodman                         | 1,500 00   |
| Axeman, \$2 per day            | 750 00     |

Total.....\$63,050 00

The maintenance for the year 1897 could not be obtained, because it is charged against the "Contingent Fund," and is not kept as a separate account.

The above estimate is based on personal examination by Oscar Erlundsen, M. Am. Soc., C. E.

JOHN E. BACKUS, Deputy Commissioner of the Borough of Queens.

LAW DEPARTMENT OF THE CITY OF NEW YORK,  
OFFICE OF THE CORPORATION COUNSEL,  
BOROUGH OF MANHATTAN, January 26, 1898.

Hon. BIRD S. COLER, Comptroller:

SIR—I am in receipt of your communication bearing date 3 January, requesting to be advised in regard to the disposition to be made of the receipts of the New York and Brooklyn Bridge, which the Commissioner of Bridges is required by section 596 of the Charter to pay over daily to the Chamberlain; also in regard to the method in which the expenses of maintaining and operating said bridge shall be met.

My attention is called to the several acts of the Legislature affecting the New York and Brooklyn Bridge, and especially to section 6 of chapter 128 of the Laws of 1891; also to the provisions of section 226 of the Charter, which requires the Board of Estimate and Apportionment to make a budget of the amounts estimated to be required to pay the expenses of conducting the public business of The City of New York for each year; also to the provisions of section 1348 of the Charter, limiting the heads of departments to expenditures within the limits of their appropriations.

My attention is invited to the question as to how far the acts of the Legislature affecting the New York and Brooklyn Bridge remain unreppealed by the provisions of the Charter in relation to the Department of Bridges, and I am requested to advise you in the following particulars:

"First—Whether the expenses of the New York and Brooklyn Bridge must be met out of appropriations made by the Board of Estimate and Apportionment and included in the budget each year, or whether such expenses may be paid out of a special or trust fund created by the Finance Department from the daily returns of receipts made by the Commissioner of Bridges.

"Second—In the event of it being necessary, in your opinion, to make an appropriation each year for the New York and Brooklyn Bridge out of moneys raised by taxation, what disposition should be made of the receipts of the Bridge—i. e., should the whole amount thereof be turned into the Sinking Fund, or should an amount equivalent to the amount of the expenditures be turned into the General Fund, for the reduction of taxation, and only the surplus transferred to the Sinking Fund."

The provisions of section 6 of chapter 128 of the Laws of 1891 are as follows:

"Section 6. All tolls, fares, rents, revenues and moneys collected and received by the board of trustees shall be first applied toward the payment of the expenses of the operation and of the maintenance of the said bridge and the surplus remaining after the payment for such purposes shall be paid over, two-thirds to the treasurer of the city of Brooklyn and one-third to the comptroller of the city of New York, respectively, in the months of January and July in each, and every year, and the moneys so received shall be applied by the respective cities: first, toward meeting interest charged on any city bonds issued by that city for the construction or improvement of said bridge, and, finally, toward the respective sinking funds in meet the principal of said bonds as they shall mature; provided, however, that it shall be lawful for the trustees of the New York and Brooklyn bridge to reserve and retain in the treasury of the bridge for the purpose of meeting the expense of extraordinary repairs the sum of one hundred thousand dollars."

It is provided by section 595 of the present Charter, among other things, as follows:

"Section 595. The commissioner of bridges shall have organization and control:  
"(1) Of the management and maintenance of the New York and Brooklyn bridge.  
"(2) Of the operation of the railroad on the New York and Brooklyn bridge.  
"(3) Of the collection of fares and of tolls on the New York and Brooklyn bridge."

And the provisions of section 596, referred to in your communication, are:

"Section 596. The said commissioner shall keep accurate account of all moneys received or collected by his department for fares, tolls, and any other purpose in such form as the comptroller of the city of New York or the ordinances of the municipal assembly shall require, and he shall pay over the same daily to the chamberlain and make a daily report of the same to the comptroller."

And it is further provided in section 1604 of the Charter:

"Section 1604. The mere omission from this act of any previous act or of any of the provisions thereof relating to or affecting the municipal and public corporations or any of them which are herein united and consolidated, shall not be held to be a repeal thereof."

It is apparent, from examination of these various sections, that the only effect of section 596 of the Charter is to impose upon the Commissioner of Bridges the duties previously fulfilled by the Trustees of the New York and Brooklyn Bridge in regard to the collection and payment of the fares, tolls, etc., of the bridge, with the important difference that these fares, tolls, etc., instead of being retained by the Commissioner of Bridges, as was provided in relation to the trustees of the bridge, in section 6 of chapter 128 of the Laws of 1891, are to be paid over daily to the Chamberlain, and a daily report thereof to be made to the Comptroller.

There is no apparent intention to change the provisions of the section as to "the expense of the operation and of the maintenance of the said bridge," and therefore this expense should be met out of the receipts of the bridge, which receipts form the special or trust fund specified in your first question.

The answer to the first question renders unnecessary an answer to the second.

Of course, it might be, although I believe that such is not now the case, that the receipts of the New York and Brooklyn Bridge would be insufficient to pay the expense of its maintenance and operation, and in such case or in the case of such a serious diminution of the receipts of the bridge as to give rise to a probability that a deficit should shortly occur, it would be the duty of the Board of Estimate and Apportionment to provide in the annual budget such a sum as might be reasonably necessary to provide for the excess of expenditure.

Yours,

JOHN WHALEN, Corporation Counsel.

The Comptroller made an oral report thereon, 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 BRIDGES.

|   |             |
|---|-------------|
| Salaries—General Administration, including Contingencies  | \$47,200 00 |
| For Maintenance of and Repairs to Bridges over the Harlem River and in the Borough of Manhattan | 78,946 88   |
| For Maintenance of and Repairs to Bridges over Newtown Creek                                    | 55,040 00   |
| For Salaries of the Deputy Commissioner and Employees in the Borough of Brooklyn                | 11,300 00   |
| For Maintenance of and Repairs to Bridges in the Borough of Brooklyn                            | 53,860 00   |
| For Salaries of the Deputy Commissioner and Employees in the Borough of The Bronx               | 9,540 00    |
| For Maintenance of and Repairs to Bridges in the Borough of The Bronx                           | 34,960 00   |
| For Salaries of the Deputy Commissioner and Employees in the Borough of Queens                  | 7,420 00    |
| For Maintenance of and Repairs to Bridges in the Borough of Queens                              | 24,570 00   |
| For Salaries in the Borough of Richmond   | 3,300 00    |
| For Maintenance of and Repairs to Bridges in the Borough of Richmond                            | 3,000 00    |

Total.....\$339,136 88

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

Hon. ROBERT A. VAN WACK, 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.

| BOROUGH OF MANHATTAN.                      |             |
|--|-------------|
| Commissioner of Water Supply               | \$7,500 00  |
| Deputy Commissioner                        | 5,000 00    |
| Secretary to the Commissioner              | 3,000 00    |
| Chief Clerk                                | 3,500 00    |
| General Bookkeeper                         | 3,000 00    |
| Corresponding Clerk                        | 2,000 00    |
| Stenographer and Typewriter, \$20 per week | 1,040 00    |
| Appointment Clerk                          | 2,300 00    |
| 2 Clerks, \$1,500 each                     | 3,000 00    |
| 1 Clerk                                    | 1,200 00    |
| 1 Clerk                                    | 1,000 00    |
| 1 Clerk                                    | 1,000 00    |
| Chief Engineer                             | 7,000 00    |
| Water Register                             | 4,000 00    |
| Cashier of Water Rents                     | 2,500 00    |
| Assistant Cashier                          | 1,800 00    |
| 2 Clerks, at \$1,500 each                  | 3,000 00    |
| 2 Clerks, at \$1,200 each                  | 2,400 00    |
| 1 Clerk                                    | 1,000 00    |
| 1 Messenger                                | 1,000 00    |
|  | \$54,940 00 |

##### BOROUGH OF THE BRONX.

|   |            |
|---|------------|
| Deputy Commissioner of The Bronx                | \$3,000 00 |
| Secretary to Deputy Commissioner of The Bronx   | 1,500 00   |
| Inspector with Deputy Commissioner of The Bronx | 1,000 00   |
|   | 5,500 00   |

\$60,440 00

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, for the persons who have been transferred from that Department to corresponding positions in this Department, in pursuance of section 1536 of the City Charter. It will therefore be necessary for your Board to add the sum of \$35,700 to that amount.

##### Aqueduct—Repairs and Maintenance.

Aqueduct—Repairs and Maintenance..... \$205,552 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 in the Croton Watershed and all the new aqueducts, the receiving and distributing reservoirs in the Borough of Manhattan, and the operation of the high-service pumping stations.

It shows an increase of \$28,552 over the appropriation for 1897. This increase is required on account of the increased taxes on the lands in Putnam and Westchester Counties, where of two additional maintenance gangs for the care of two new reservoirs which have been transferred to the Department by the Aqueduct Commissioners, and for the cost of increased pumping at high-service pumping stations, including wages of three firemen and three laborers, and cost of additional fuel, oil, etc.

##### Aqueduct, Repairs and Maintenance—Salaries.

|   |             |
|---|-------------|
| First Assistant Engineer, one-half salary | \$2,500 00  |
| 1 Clerk                                   | 1,800 00    |
| 1 Transmitter                             | 1,500 00    |
| 1 Messenger                               | 1,200 00    |
| 2 Keepers, \$1,400 each                   | 2,800 00    |
| 6 Keepers, \$1,000 each                   | 6,000 00    |
| 2 First Engineers, \$1,500 each           | 3,000 00    |
| 1 Mechanical Engineer                     | 4,000 00    |
| 3 Engineers, \$1,200 each                 | 3,600 00    |
| 4 Engineers, \$1,000 each                 | 4,000 00    |
|   | \$27,000 00 |

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, under the above title, including \$750 for half salary of an Inspector of Coal, whose services will not be needed by this Department. The Department will, however, require the following additional force, which was included in the Departmental Estimate of the late Commissioner of Public Works for 1898:

|   |          |
|---|----------|
| 1 Assistant Engineer to have charge of the two new reservoirs on the Hudson and Tappan rivers | 3,000 00 |
| 1 Leveller, to have charge of Reservoirs in Putnam County                                     | 1,500 00 |
| 3 additional Engineers at high service pumping stations, \$1,000 each                         | 3,000 00 |

Total amount required..... \$33,100 00

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.

##### Brass River Works—Maintenance and Repairs.

Brass River Works—Maintenance and Repairs..... \$11,025 00

This appropriation is for the repairs and maintenance of all the structures, reservoirs and conduits included in the Brass River Water System, to which the supply from the Byram River was added last year. On account of this addition to the system, the Chief Engineer and the late Commissioner of Public Works asked for the above amount in the Departmental Estimate for 1898, which would provide for an additional maintenance gang required for the Byram River Conduit and Reservoir, at an expense of \$4,200, and \$680 for additional taxes on city property recently acquired for this water system. The late Board of Estimate and Apportionment, however, fixed the appropriation at \$25,735, the same as for the year 1897, leaving it to the present Board to provide for the necessary additions. Your Board should, therefore, appropriate the additional sum of \$5,270.

##### Brass River Works—Maintenance and Repairs—Salaries.

|   |            |
|---|------------|
| 2 Keepers of Reservoirs, \$1,200 each         | \$2,400 00 |
| Assistant Engineer in Charge, one-half salary | 1,500 00   |
|   | \$3,900 00 |

The two Keepers and the Assistant Engineer have been assigned to this Department from the Department of Public Works, under section 1536 of the City Charter, and their salaries are provided for in the appropriation of \$3,900 made under the above title by the late Board of Estimate and Apportionment in the Final Estimate for 1898.

##### Laying Croton Pipes.

Laying Croton Pipes..... \$230,120 00

Section 336 of the New York City Consolidation Act has heretofore limited this appropriation, including salary account, which follows this, to \$250,000 per year. The Chief Engineer states that it will be sufficient for this year for the extension of the water service into new streets in the two boroughs.

In the Final Estimate for 1898 the late Board of Estimate and Apportionment fixed the appropriation for laying Croton pipes at..... \$230,830 00

And the one for the salary account at..... 19,780 00

Making a total of..... \$250,610 00

##### Laying Croton Pipes—Salaries.

|   |            |
|---|------------|
| 1 Assistant Engineer, two-thirds salary, at \$3,600                             | \$2,400 00 |
| 1 Transmitter   | 1,500 00   |
| 1 Leveller  | 1,200 00   |
| 1 Contract Foreman of Pipe Yard   | 1,500 00   |
| 1 Inspector of manufacturing pipes, \$5 per day                                 | 1,565 00   |
| 1 Throughman, \$4.50 per day  | 1,408 50   |
| Inspectors on contract work, at \$3.50 per day, employed as work is in progress | 10,366 50  |

Total..... \$19,880 00

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.

Repairs and Renewal of Pipes, Stop-cocks, etc..... \$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. The annual additions to the system amount to about twenty miles of water-mains, and a proportionate number of stop-cocks and fire-hydrants, requiring a proportionate increase in the appropriation each year. The Chief Engineer and the late Commissioner of Public Works called for the above amount in the Departmental Estimate for 1898, but the late Board of Estimate and Apportionment reduced the appropriation in its Final Estimate to \$120,000.

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:

|   |             |
|---|-------------|
| First Assistant Engineer, one-half salary     | \$2,500 00  |
| 1 Clerk                                       | 2,000 00    |
| 2 Clerks, at \$1,500 each                     | 3,000 00    |
| 3 Clerks, \$1,000 each                        | 3,000 00    |
| 20 Clerks, at \$1,000 each                    | 20,000 00   |
| 12 Clerks, at \$800                           | 9,600 00    |
| 1 Clerk                                       | 1,000 00    |
| 1 General Inspector, Bureau of Water Registry | 1,500 00    |
| 2 Messengers, \$1,000 each                    | 2,000 00    |
| 1 General Inspector of Meters, at \$5 per day | 1,505 00    |
| 18 Inspectors of Meters, at \$3 per day       | 17,550 00   |
| 1 Inspector of Complaints, at \$4 per day     | 1,400 00    |
| 5 Inspectors of Wares, at \$3 per day         | 2,925 00    |
| 2 Stenographers, at \$15 per week each        | 1,500 00    |
| 1 Office Boy                                  | 300 00      |
|   | \$72,610 00 |

In consequence of the increase in the number of water meters, it is necessary to have three additional Meter Inspectors, at \$3 per day..... \$2,925 00

It is also desirable and necessary to have an Assistant Engineer in charge of the pipe repair gang, at..... 1,800 00

Total amount required..... \$77,335 00

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, and for ascertaining, apportioning and collecting all charges for water supply.

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 \$69,000.

Your Board is respectfully requested to add the sum of \$12,335 to bring the appropriation to the amount of the above estimate, \$77,335.

The appropriation of \$69,000 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. The number of water meters is increased each year by about two thousand, and the number of water bills rendered by six to ten thousand.

This makes an annual increase in the force an indispensable necessity.

##### Water Supply for the Twenty-fourth Ward.

Water Supply for the Twenty-fourth Ward..... \$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, which are above the level at which water can be delivered from the Croton Aqueduct.

##### Supplying Water to Shipping and for Building Purposes—Salaries.

Supplying Water to Shipping and for Building Purposes—Salaries..... \$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:

|                                   |            |
|-----------------------------------|------------|
| 1 Clerk                           | \$1,300 00 |
| 6 Inspectors, at \$5 per day each | 5,700 00   |

Total..... \$7,000 00

##### Public Drinking Hydrants.

Public Drinking Hydrants..... \$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.

##### REGAPPORTIONING.

##### Salaries—Department of Water Supply.

|  |             |
|--|-------------|
| Amount to be transferred from "Salaries—Department of Public Works" for 1898 | \$14,740 00 |
| Additional amount required   | 20,495 00   |
|  | \$35,235 00 |

##### BOROUGH OF MANHATTAN AND THE BRONX.

##### Aqueduct—Repairs and Maintenance.

Amount appropriated in Final Estimate for 1898..... 205,552 00

##### Aqueduct—Repairs and Maintenance—Salaries.

|   |             |
|---|-------------|
| Appropriated in Final Estimate for 1898 | \$28,550 00 |
| Additional amount required              | 4,550 00    |
|   | 33,100 00   |

##### Brass River Works—Maintenance and Repairs.

|   |             |
|---|-------------|
| Appropriated in Final Estimate for 1898 | \$25,735 00 |
| Additional amount required              | 5,270 00    |
|   | 31,025 00   |

##### Brass River Works—Maintenance and Repairs—Salaries.

Appropriated in Final Estimate for 1898..... 3,900 00

##### Laying Croton Pipes.

|   |              |
|---|--------------|
| Appropriated in Final Estimate for 1898 | \$230,830 00 |
| Additional amount required              | 290 00       |
|   | 230,120 00   |



*Laying Water Pipes—Salaries.*

|  |             |
|--|-------------|
| Appropriated in Final Estimate for 1898..... | \$19,780 00 |
| Additional amount required.....              | 100 00      |
|  | \$19,880 00 |

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

|  |              |
|--|--------------|
| Appropriated in Final Estimate for 1898..... | \$230,000 00 |
| Additional amount required.....              | 16,442 00    |
|  | 246,442 00   |

*Salaries of Engineers, Clerks, Inspectors and Messengers.*

|  |             |
|--|-------------|
| Appropriated in Final Estimate for 1898..... | \$65,000 00 |
| Additional amount required.....              | 12,335 00   |
|  | 77,335 00   |

*Water Supply for the Twenty-fourth Ward.*

|  |           |
|--|-----------|
| Appropriated in Final Estimate for 1898..... | 10,400 00 |
|--|-----------|

*Supplying Water to Shipping and for Building Purposes—Salaries.*

|  |          |
|--|----------|
| Appropriated in Final Estimate for 1898..... | 7,000 00 |
|--|----------|

*Public Drinking Hydrants.*

|  |          |
|--|----------|
| Appropriated in Final Estimate for 1898..... | 2,000 00 |
|--|----------|

|            |              |
|------------|--------------|
| Total..... | \$982,789 00 |
|------------|--------------|

## BOROUGH OF BROOKLYN.

*Deputy Commissioner's Office—Salaries.*

|   |             |
|---|-------------|
| Deputy Commissioner.....                        | \$5,000 00  |
| Clerk to Deputy Commissioner.....               | 1,800 00    |
| Chief Clerk and Accountant.....                 | 3,500 00    |
| Bookkeeper.....                                 | 2,000 00    |
| Appointment Clerk.....                          | 1,750 00    |
| 2 Clerks, \$1,750 each.....                     | 3,500 00    |
| 1 Stenographer to Deputy Commissioner.....      | 1,200 00    |
| 1 Messenger.....                                | 840 00      |
|   | \$19,590 00 |
| Contingencies—Deputy Commissioner's office..... | 1,000 00    |

*Bureau of Chief Engineer—Salaries.*

|   |             |
|---|-------------|
| Chief Engineer.....                                       | \$6,000 00  |
| Engineer of Water Supply.....                             | 6,000 00    |
| Clerk to Chief Engineer.....                              | 1,500 00    |
| 1 Assistant Engineer.....                                 | 2,700 00    |
| 2 Assistant Engineers, \$2,400 each.....                  | 4,800 00    |
| 2 Assistant Engineers, \$1,800 each.....                  | 3,600 00    |
| 2 Assistant Engineers, \$1,500 each.....                  | 3,000 00    |
| 1 Supervising Mechanical Engineer.....                    | 2,000 00    |
| 1 Leveler.....  | 2,400 00    |
| 1 Leveler.....  | 900 00      |
| 1 Draughtsman.....  | 1,500 00    |
| 1 Clerk.....  | 1,500 00    |
| 1 Clerk.....  | 1,000 00    |
| 2 Stenographers, \$1,000 each.....                        | 2,000 00    |
| 3 Rodmen, \$900 each.....                                 | 2,700 00    |
| 1 Office Boy.....   | 300 00      |
| 1 Axeman.....   | 705 00      |
| 1 Coal Inspector.....                                     | 1,000 00    |
| 1 Inspector of Masonry, \$5 per day.....                  | 1,500 00    |
| 3 Inspectors of Pipes, \$3.50 per day.....                | 3,285 00    |
| 1 Assistant Engineer in Charge of Ponds and Conduits..... | 2,000 00    |
| 1 Assistant Engineer.....                                 | 1,400 00    |
| 1 Chairman.....   | 912 00      |
| 1 Rodman.....   | 900 00      |
|   | \$55,528 00 |

*Office of Distribution and Extension—Salaries.*

|   |             |
|---|-------------|
| Assistant Engineer in Charge.....                           | \$2,400 00  |
| 1 Assistant Engineer.....                                   | 1,800 00    |
| Chief Clerk.....  | 1,800 00    |
| Meter Clerk.....  | 1,800 00    |
| Assistant Meter Clerk.....                                  | 1,250 00    |
| 2 Permit Clerks, \$1,200 each.....                          | 2,400 00    |
| 1 Clerk.....  | 1,000 00    |
| 1 Stenographer.....   | 1,000 00    |
| 1 Messenger.....  | 900 00      |
| 2 Factory Inspectors, \$1,250 and \$1,200.....              | 2,450 00    |
| 2 Special Inspectors, \$1,500 and \$1,200.....              | 2,700 00    |
| 7 Meter Inspectors, \$1,200 each.....                       | 8,400 00    |
| 7 Tap and Connection Inspectors, \$1,000 each.....          | 7,000 00    |
| 1 Inspector of Water to Shipping.....                       | 1,000 00    |
| 2 Inspectors of Extra Water, \$1,000 each.....              | 2,000 00    |
| 3 Keepers of Pipe and Repair Yards, \$900 each.....         | 2,700 00    |
| 1 Clerk of Pipe and Repair Yards.....                       | 900 00      |
| 2 Enginemen, \$1,250 and \$1,000.....                       | 2,250 00    |
| 2 Inspectors of Pipes and Casting, \$1,800 and \$1,416..... | 3,216 00    |
| 1 Inspector of Pipe Laying, \$4 per day.....                | 1,252 00    |
| 3 Tappers, \$1,200 each.....                                | 3,600 00    |
|   | \$50,018 00 |

*Office of Water Registrar—Salaries.*

|   |             |
|---|-------------|
| Registrar.....  | \$4,000 00  |
| Cashier.....  | 2,500 00    |
| Assistant Cashier.....  | 1,500 00    |
| Chief Clerk.....  | 1,400 00    |
| 4 Stamp Clerks, \$1,200 each.....                                 | 4,800 00    |
| 1 Clerk.....  | 1,400 00    |
| 5 Clerks, \$1,250 each.....                                       | 6,250 00    |
| 14 Clerks, \$1,100 each.....                                      | 15,400 00   |
| 1 Clerk of Resurvey.....  | 1,200 00    |
| 1 Office Boy.....   | 600 00      |
| 3 Inspectors of Resurvey, \$1,100 each.....                       | 3,300 00    |
| 1 Inspector of Resurvey.....                                      | 1,000 00    |
| 6 Inspectors of Resurvey, \$500 each.....                         | 3,000 00    |
| 6 Water Detectives, \$3 per day.....                              | 5,534 00    |
| 6 Temporary Clerks, for 3 months, at \$1,000 per annum, each..... | 1,500 00    |
| 1 Laborer, \$2.25 per day.....                                    | 704 25      |
| 3 Laborers, \$2 per day.....                                      | 1,878 00    |
| 1 Horse, Wagon and Driver, \$3.75 per day.....                    | 1,173 75    |
|   | \$59,540 00 |

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

|   |              |
|---|--------------|
| 1 Mechanical Engineer in charge.....          | \$2,500 00   |
| 1 Assistant Mechanical Engineer.....          | 1,800 00     |
| 3 First Enginemen, \$1,800 each.....          | 5,400 00     |
| 1 Second Engineman.....                       | 1,500 00     |
| 4 Third Enginemen, \$1,320 each.....          | 5,280 00     |
| 22 First Enginemen, \$1,200 each.....         | 26,400 00    |
| 22 Second Enginemen, \$1,100 each.....        | 24,200 00    |
| 40 Third Enginemen, \$1,050 each.....         | 42,000 00    |
| 1 Engineman.....                              | 1,300 00     |
| 1 Engineman.....                              | 1,250 00     |
| 1 Clerk.....                                  | 720 00       |
|   | \$112,360 00 |
| Wages of Firemen, Mechanics and Laborers..... | 177,742 00   |

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

|   |              |
|---|--------------|
| Ridgewood Station.....                                      | \$16,375 00  |
| Spring Creek Station.....                                   | 2,175 00     |
| Spring Creek Station, temporary.....                        | 1,425 00     |
| Sheluck Station.....  | 5,590 00     |
| Ocean Station.....  | 4,410 00     |
| Bailey's Station.....                                       | 2,125 00     |
| Jameco Park Station.....                                    | 3,025 00     |
| Springfield Station.....                                    | 1,800 00     |
| Forest Stream Station.....                                  | 3,175 00     |
| Clear Stream Station.....                                   | 3,025 00     |
| Watt's Pond Station.....                                    | 2,150 00     |
| Smith's Pond Station.....                                   | 2,050 00     |
| Millburn Station.....                                       | 7,215 00     |
| Agawan Station.....   | 4,665 00     |
| Merrick Station.....  | 4,015 00     |
| Mottowan Station.....                                       | 4,515 00     |
| Wantagh Station.....  | 4,015 00     |
| Massapequa Station.....                                     | 4,665 00     |
| Mount Prospect Station.....                                 | 3,085 00     |
| Gravesend Station.....                                      | 3,030 00     |
| New Utrecht Station.....                                    | 2,995 00     |
| 2 additional driven well stations.....                      | 4,000 00     |
|   | \$115,325 00 |
| Coal (about 40,000 tons), including hauling.....            | 198,000 00   |
| Taxes on lands in Queens County outside of city limits..... | 25,000 00    |

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

|   |              |
|---|--------------|
| Wages of Foremen, Mechanics and Laborers..... | \$118,445 00 |
| Materials for repairs.....                    | 37,100 00    |
|   | \$155,545 00 |

*Laying Water Pipes, Including Stop-cocks and Hydrants.*

|  |             |
|--|-------------|
| 1,845 tons straight pipe, at \$20.....   | \$36,900 00 |
| 75 tons special castings, at \$45.....   | 3,375 00    |
| 250 fire-hydrants, at \$35.....          | 8,750 00    |
| Stop-cocks, boxes, etc.....              | 17,000 00   |
| Cost of laying 54,350 feet of pipes..... | 24,350 00   |
|  | \$90,435 00 |

*Maintenance of Reservoirs, Ponds and Conduits.*

|                                      |             |
|--------------------------------------|-------------|
| Wages of Mechanics and Laborers..... | \$68,512 00 |
| Materials and supplies.....          | 16,500 00   |
|                                      | \$85,012 00 |

*Repairs to Buildings.*

|   |             |
|---|-------------|
| General Foreman of Repairs.....   | \$1,800 00  |
| Wages of 3 Masons, 7 Carpenters, 6 Painters, 2 Laborers and 1 Driver..... | 18,780 00   |
|   | \$20,580 00 |

*Repairing, Cleaning and Redriving Wells.*

|   |             |
|---|-------------|
| Wages of 1 Inspector, 3 Well-drivers, 10 Assistant Well-drivers, 11 Laborers and 2 teams..... | \$20,370 00 |
| Repairs and supplies for two additional wells.....  | 4,000 00    |
|   | \$24,370 00 |

*Chief Engineer's Office—Telephone Service and Contingencies.*

|   |            |
|---|------------|
| Telephone lines.....  | \$4,000 00 |
| Contingencies—Postage, telegraphing, traveling expenses, etc..... | 2,000 00   |
|   | \$6,000 00 |

*Laboratory—Salaries and Supplies.*

|                             |            |
|-----------------------------|------------|
| Biologist and Director..... | \$3,000 00 |
| Chemist.....                | 1,900 00   |
| Assistant Chemist.....      | 900 00     |
| Laboratory Assistant.....   | 650 00     |
| Laboratory Boy.....         | 300 00     |
| Total salaries.....         | \$5,750 00 |
| Laboratory supplies.....    | 2,675 00   |
|                             | \$8,425 00 |

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. The same conditions as to sources and quality of water obtain in the Boroughs of Queens and Richmond. The laboratory can be used for analyzing the water supply in all the boroughs.

## RECAPITULATION.

|  |              |
|--|--------------|
| Deputy Commissioner's office—Salaries.....                   | \$19,590 00  |
| Deputy Commissioner's office—Contingencies.....              | 1,000 00     |
| Bureau of Chief Engineer—Salaries.....                       | 53,528 00    |
| Bureau of Distribution and Extension—Salaries.....           | 50,018 00    |
| Office of Water Registrar—Salaries.....                      | 59,540 00    |
| Maintenance and operation of pumping stations—Salaries.....  | \$112,360 00 |
| Wages of Firemen, Mechanics and Laborers.....                | 177,742 00   |
| Supplies—Oil, waste, etc.....                                | 115,325 00   |
| Coal.....  | 198,000 00   |
|  | 603,427 00   |
| Taxes on lands in Queens County.....                         | 25,000 00    |
| Maintenance—Distributing pipes, stop-cocks and hydrants..... | 155,545 00   |
| Laying water pipes.....                                      | 90,435 00    |
| Maintenance of reservoirs, ponds and conduits.....           | 85,012 00    |
| Repairs to buildings.....                                    | 20,580 00    |
| Repairing, cleaning and redriving wells.....                 | 24,370 00    |
| Chief Engineer's office—Telephones and contingencies.....    | 6,000 00     |
| Laboratory—Salaries.....                                     | \$5,750 00   |
| Supplies.....  | 2,675 00     |
|  | 8,425 00     |

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. Heretofore the Board of Estimate of Brooklyn met in April of each year, and fixed the budget for the Department or Division of Water Supply for the ensuing year, beginning May 1.

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 \$19,590 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. The remainder of the increase, \$77,499, distributed over the other appropriations, is due to the necessity of increasing the quantity of water pumped, the extension of the distributing system and the procuring of new sources of water supply.

## BOROUGH OF QUEENS.

*Deputy Commissioner's Office and Staff—Salaries.*

|   |             |
|---|-------------|
| Deputy Commissioner.....                    | \$4,000 00  |
| Supervising Engineer.....                   | 2,500 00    |
| Chief Clerk and Cashier of Water Rents..... | 1,500 00    |
| 2 Clerks, at \$1,000 each.....              | 2,000 00    |
| 2 Clerks, at \$1,000 each.....              | 2,000 00    |
| 1 Stenographer.....                         | 1,000 00    |
| 5 Meter Inspectors, at \$900 each.....      | 4,500 00    |
| 2 Tappers, at \$1,000 each.....             | 2,000 00    |
| 2 Hydrant Inspectors, at \$900 each.....    | 1,800 00    |
|   | \$21,300 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 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 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, be and the same are hereby, in part, appropriated and apportioned as follows:

DEPARTMENT OF STREET CLEANING.  
BOROUGH OF BROOKLYN.

|   |              |
|---|--------------|
| For administration                              | \$32,450 00  |
| For expenses of feeding, etc., Foremen's livery | 2,000 00     |
| For three Haulers                               | 2,100 00     |
| For contingencies                               | 5,000 00     |
| For cleaning streets and removing refuse        | 155,750 00   |
| For removal of garbage                          | 117,000 00   |
| Total   | \$326,300 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 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 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:

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 Counsel, 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 1897, 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 superintending 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 Transmitters, 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:

|  |             |
|--|-------------|
| Assistant Engineers  | \$2,000 00  |
| Three Transmitters, 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 \$1,200 per annum            | 2,200 00    |
| Two Draughtsmen, one at \$1,000 and one at \$1,200 per annum       | 2,200 00    |
| Six Inspectors, five at \$2.50 per day each and one at \$3 per day | 8,437 50    |
| Three Assemen, at \$2.50 per day each                              | 2,062 50    |
| Total  | \$24,645 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 Counsel, 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 Commissioners 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 Uniformed Firemen in the former corporations at the City of New York, the City of Brooklyn and Long Island City; then follow those 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 discontinued. 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 extension 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 1 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 Commissioner of Highways, the Commissioner of Street Cleaning, the Commissioner of Sewers, the Commissioner of Public Buildings, Lighting and Supplies, the Commissioner of Bridges, 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 23d 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 23d 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 by the said Board, at a meeting to be held at the time and place aforesaid.

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 Superintendent of the City Record, which is herewith submitted.

Dated New York, April 6, 1898.

JOHN H. MOONEY, Secretary.

Mr. W. B. Breen appeared for the City, Municipal and Improvement Company, relative to extending the street, from Lyman Avenue to the sidewalk line, from the original line of the street for opening East One Hundred and Sixty-sixth 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, at a meeting to be held at the time and place aforesaid.

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

To the Board of Public Improvements of the City of New York:

SIR—I have to report that on the 23d 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 23d 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-sixth 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, at a meeting to be held at the time and place aforesaid.

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 Superintendent of the City Record, which is herewith submitted.

Dated New York, April 6, 1898.

JOHN H. MOONEY, Secretary.

Mr. Henry Thompson appeared on behalf of the petitioners, and, on his appearing, in opposition to the foregoing 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 23d 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-sixth 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, at a meeting to be held at the time and place aforesaid, and 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 Superintendent of the City Record, which is herewith submitted.

Whereas it appears from the report of the Superintendent of the City Record that the aforesaid resolutions and notice, a copy of which is herewith annexed, have been published in the City Record 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 Superintendent of the City Record, which is herewith submitted.

Whereas, at the aforesaid time and place a public hearing was given to all persons affected by such proposed laying out and extending, who have appeared, and such proposed laying out and extending was duly considered by this Board; now, therefore, be it

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 378 of chapter 378, Laws of 1897, do hereby lay out and extend the 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, at a meeting to be held at the time and place aforesaid.

Beginning at a point in the eastern line of Sherman Avenue distant 128.05 feet northward from the intersection of said line with the northern line of East One Hundred and Sixty-sixth street; thence northward along the eastern line of Sherman Avenue for 31.42 feet;

thence easterly along said line for 61.42 feet;

thence westerly for 204.72 feet to the point of beginning, and street to be laid out and extended, and the foregoing resolution, proposing of the above named proposed change in the map or plan of The City of New York by laying out and extending the aforesaid street, adopted by this Board, together with a statement of its reasons therefor, 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,  
COMMISSIONER OF BOARD OF PUBLIC IMPROVEMENTS,  
TOPOGRAPHICAL BUREAU, BOROUGH OF THE BRONX,  
OFFICE OF CHIEF TOPOGRAPHICAL ENGINEER AND ENGINEER OF CONSTRUCTION,  
ONE HUNDRED AND SEVENTY-SEVENTH STREET AND THIRD AVENUE,  
April 4, 1898.

TO THE BOARD OF PUBLIC IMPROVEMENTS:

SIR—I have to report that 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, requesting the opening of Lyman place, from East One Hundred and Sixty-sixth street to Sherman Avenue and Sherman Avenue, I have to inform that all 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-sixth street to Sherman Avenue and Sherman Avenue, in accordance with section 436 of chapter 378 of the Laws of 1897, and recommended for adoption of the resolution.

Respectfully,

LOUIS A. RISSE,

Chief Topographical Engineer and Engineer of Construction.

Thereupon the following resolutions were adopted:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of sections 378 and 379 of chapter 378, Laws of 1897, do hereby lay out the public interest that the title to the lands and premises required by the opening and extending of Lyman place,



from East One Hundred and Sixty-ninth street to Stebbins avenue and Freeman street, in the Borough of The Bronx, should be acquired by The City of New York at a fixed or specified time.

Resolved, That it appears to this Board, from the surveys made and information furnished to it by the President of the Board of Public Improvements, that there are no buildings upon the lands that shall or may be required for the purpose of opening and extending said Lyman place, from East One Hundred and Sixty-ninth street to Stebbins avenue and Freeman street.

Resolved, That this Board directs that upon the date of the filing of the vouches of the Commissioners of Estimate and Assessment who may be appointed by the Supreme Court in proceedings for the acquisition of title to said street or avenue, the title to any piece or parcel of land lying within the lines of such Lyman place, from East One Hundred and Sixty-ninth street to Stebbins avenue and Freeman street, as required, shall be vested in The City of New York.

Resolved, That the Board of Public Improvements, deeming it for public interest as to do hereby requests the Corporation Counsel to make application to a special term of the Supreme Court, in and for the First Department, for the appointment of Commissioners of Estimate and Assessment, and to take the necessary proceedings, in the name of The City of New York, to acquire title, whenever the same has not been heretofore acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Lyman place, from East One Hundred and Sixty-ninth street to Stebbins avenue and Freeman street, in the Borough of The Bronx.

Resolved, That the entire cost and expense of said proceedings shall be assessed upon the property deemed to be benefited thereby.

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

Negative—None.

The following communication from the Chief Topographical Engineer was read:

CITY OF NEW YORK,  
PRESIDENT OF BOARD OF PUBLIC IMPROVEMENTS,  
TOPOGRAPHICAL BUREAU, BOROUGH OF THE BRONX,  
OFFICE OF CHIEF ENGINEER AND ENGINEER OF CONCOURSE,  
ONE HUNDRED AND SEVENTY-SEVENTH STREET AND THIRD AVENUE,  
April 2, 1898.

Col. JOHN H. MOONEY, Secretary, Board of Public Improvements:

SIR—In reply to the petition of the Woodlawn Cemetery and Associated Land Company, on which a public hearing was given March 10, 1898, by the President of the Borough of The Bronx, for the establishing of the grade of Webster avenue, north of East Two Hundred and Thirty-third street, I report as follows:

The grades of that part of Webster avenue, formerly Bronx River road, were established before the tracks of the New York and Harlem Railroad were raised near Woodlawn Station. This raising of the tracks allows the establishing of better grades from the depot up to Webster avenue, and I have prepared the accompanying map, which practically agrees with the suggestions made by the Engineers of the Woodlawn Cemetery, and which will probably meet with the approval of all the owners concerned. The main difference in our plan is that the lowest point, 75.75 feet above high water, is at the property line of the New York and Harlem Railroad, in place of at the corner opposite. The map submitted by the Engineer of the Woodlawn Cemetery placed this lowest point in the opposite corner (Becker's Hotel), and would necessitate the building of a boat in front of the entrance to his hotel, to which he objected.

I recommend, therefore, that a public hearing be given on this matter, as provided for by section 436 of chapter 378 of the Laws of 1897.

I return papers in the matter and transmit sketch showing proposed grades.

Respectfully,

LOUIS A. RISSE,  
Chief Topographical Engineer and Engineer of Construction.

And the following resolutions were thereupon unanimously adopted:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, propose to alter the map or plan of The City of New York by changing the grade of Webster avenue, north of East Two Hundred and Thirty-third street, in the Borough of The Bronx.

Resolved, That the President of the Board of Public Improvements cause to be prepared for submission to this Board three similar maps or plans, for certification and filing in the manner required by law, showing, as nearly as possible, the nature and extent of the proposed change of grade of the above-named avenue and the location of the immediate, adjacent or intersecting open or established public streets, avenues, roads, squares or places, sufficient for the identification and location thereof, with necessary explanatory remarks and duplicate technical description of the same.

The following communication from the Chief Topographical Engineer was read and referred to the Commissioner of Highways for the purpose of having a consultation with the contractor:

CITY OF NEW YORK,  
PRESIDENT OF BOARD OF PUBLIC IMPROVEMENTS,  
TOPOGRAPHICAL BUREAU, BOROUGH OF THE BRONX,  
OFFICE OF CHIEF ENGINEER AND ENGINEER OF CONCOURSE,  
April 5, 1898.

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

SIR—In accordance with the action taken by the Board of Public Improvements at the meeting held on the 23d ultimo, in relation to the application of Carl W. Schmideke for change of grade in East Two Hundred and Fortieth street, between Martha avenue and McLean avenue and the city line, and which was referred to me for report, I have to state as follows:

The grade of East Two Hundred and Fortieth street at the northern boundary of the city, near the crossing of McLean avenue, was not established on the final maps and profiles of the Twenty-third and Twenty-fourth Wards, and I transmit therefore, for the approval of the Board, a map or plan, showing the establishing of the above-mentioned missing grades. There seems to be no objection against the elevations shown on this map, but I wish to call the attention of the Board to the fact that a contract has been given out for regulating and grading the said East Two Hundred and Fortieth street in accordance with a certain map prepared during 1897 in the Bureau of Construction, and that an agreement will have to be made with the contractor in order that the City shall not be held responsible for any damage arising from this change of grade.

I suggest that the matter be referred to the Commissioner of Highways, to secure this agreement, before any final action is taken by this Board.

Respectfully,

LOUIS A. RISSE,  
Chief Topographical Engineer and Engineer of Construction.

The following report from the Chief Topographical Engineer was read:

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 5, 1898.

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

SIR—In accordance with the action taken by this Board at the meeting held on the 16th ultimo, in regard to a communication from Mr. Elmer A. Allen, asking for change of grades on Kingsbridge road, Grand avenue and East One Hundred and Ninety-second street, and which was referred to me for report, I have to state as follows:

The grades on the above-mentioned streets were filed on section 6 of the Final Maps and Profiles of Twenty-third and Twenty-fourth Wards, after a public hearing was given, and the grades were kept as low as possible, in order to save the expense of excessive filling. Since the establishment of these grades, the work of excavating Jerome Park Reservoir was begun, and Mr. Allen and others made an agreement with the contractor to fill in their land, south of Kingsbridge to East One Hundred and Ninety-second street, and from Aqueduct avenue to Jerome avenue.

This is being done at the present time, and is certainly an improvement, and can be recommended under the condition that Mr. Allen procure the consent of the remaining owners affected by this change of grade, and furnish a statement from the Aqueduct Board that the proposed grades along Kingsbridge road do not interfere with the grades established for the embankment of the reservoir.

After the consents and statement are furnished, a map will be made for the approval of the Engineers of the New Aqueduct, the Department of Highways, the Commission of Water Supply and the Commissioner of Sewers, and submitted to the Board of Public Improvements. This map will show the change of grade as requested by Mr. Allen, and also a map or plan of the change of the sewerage system in that vicinity, which becomes necessary on account of this change of grades. I recommend, therefore, that Mr. Allen be notified to that effect.

Respectfully,

LOUIS A. RISSE,  
Chief Topographical Engineer and Engineer of Construction.

On motion, the Secretary was directed to communicate with Mr. Allen, for the purpose of having him secure the consent of the other property-owners.

The following communications from the President of the Borough of The Bronx were read and referred to the Chief Engineer of the Topographical Bureau for report:

BOROUGH OF THE BRONX, April 1, 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-second District, at its meeting on March 31 last, viz:

Resolved, That the Local Board, Twenty-second District, Borough of The Bronx, hereby recommends to the Board of Public Improvements that the Eastern Boulevard be widened and continued at a width of one hundred feet from Avenue "B," Unionport, to the Bronx river, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements.

Respectfully,

LOUIS F. HAFEN, President.

BOROUGH OF THE BRONX, April 1, 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 Mary A. Campbell and others, and hearing given thereon this 31st day of March, 1898, the Local Board, Twenty-first District, Borough of The Bronx, hereby recommends to the Board of Public Improvements that Belmont avenue be laid out as a sixty-foot street, between One Hundred and Seventy-seventh and One Hundred and Seventy-sixth streets, and that the west line of said Belmont avenue be as indicated on the accompanying map of the Topographical Bureau, Borough of the Bronx, dated March 22, 1898, and that that portion of Belmont avenue between One Hundred and Seventy-sixth street and One Hundred and Seventy-fifth street be laid out as a fifty-foot street, as designated heretofore in accordance with said map also, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements.

Respectfully,

LOUIS F. HAFEN, President.

BOROUGH OF THE BRONX, April 1, 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 Daniel C. Moynihan and others, and hearing given thereon this 31st day of March, 1898, the Local Board, Twenty-first District, Borough of The Bronx, hereby recommends to the Board of Public Improvements that Andrews avenue be extended from East One Hundred and Eightieth street to the south line of the New York University, and that Weizmann place be laid out from the south line of New York University to the north line of East One Hundred and Eightieth street, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements.

Respectfully,

LOUIS F. HAFEN, President.

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

CITY OF NEW YORK,  
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,  
OFFICE, No. 346 BROADWAY,  
NEW YORK, April 6, 1898.

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

DEAR SIR—Referring to my communication of March 30, 1898, submitting a resolution authorizing this Department to advertise for proposals and to make a contract for supplying coal to the Borough of Brooklyn for the year 1898, I enclose herewith an amended resolution authorizing a contract for 7,000 great tons of coal instead of 5,000 great tons as stated in the original resolution; estimated cost, about \$35,000.

Very respectfully,

HENRY S. KEARNY, Commissioner.

And the amended resolution, as follows, was adopted:

Resolved, In pursuance of section 413 of the new Charter, that the Department of Public Buildings, Lighting and Supplies is hereby authorized to advertise for bids and to enter into a contract to furnish seven thousand great tons of coal for the various public buildings in the Borough of Brooklyn during the year 1898, and the same is hereby recommended for passage to the Municipal Assembly. Estimated cost, about thirty-five thousand dollars.

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

Negative—None.

The following communication from the President of the Borough of Queens was referred to the Commissioner of Highways to ascertain if there were available funds to meet the expenditure asked for:

Resolved, That the Local Board of the Borough of Queens, in meeting assembled this twenty-fifth day of March, 1898, after fully hearing the subject matter herein set forth as to its present needful condition, and the manner and means whereby best to substantially and economically remedy and improve same, does hereby respectfully recommend to the Board of Public Improvements of The City of New York that it duly approve and authorize by the adoption of proper resolution thereof:

That Flushing avenue, from North Henry street to the old Bowery Bay road, and from the water rails thence to the curb along same, be repaved with a good class of second-hand trap-block to be laid upon the old macadamized roadbed thereon, and to correspond with the other portion of the avenue already so improved, together with such other action in the premises as may be requisite; and further:

Resolved, That a certified copy of the foregoing, together with same of the estimated cost of repaving, and map of that portion of said avenue required to be improved, as made by the Deputy Commissioner of Highways of this Borough, be transmitted to said Board of Public Improvements; and that the President of this Board urge upon the said Board of Public Improvements to give prompt and favorable consideration and action to the improvement of this principal and important highway as aforesaid.

The following communication from the President of the Borough of Queens was referred to the Commissioner of Highways to ascertain if there were available funds to meet the expenditure asked for:

Resolved, That the Local Board of the Borough of Queens, in meeting assembled this 25th day of March, 1898, recognized the necessity of restoring in part the former roadbed of Thomson avenue, within the former limits of the late Long Island City, as a portion of the main highway from Thirty-fourth street, through the First and Second Wards, into the Third Ward of this borough, formerly known as Long Island City, Towns of Newtown and Jamaica respectively, which other portions of said highway are in good condition, and approving of the suggestions of the Deputy Commissioner of Highways in relation to the manner in which said improvements should be made, and having before us the estimate of the cost thereof as made by the Chief Engineer of the Department of Highways, as per communication received therefrom, dated this instant, together with map thereon, do hereby unanimously recommend to the Board of Public Improvements of The City of New York that it adopt the requisite resolution in approval and authorization of above-stated improvement.

The following communication from the Commissioner of Highways was read for the information of the Board:

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE,  
No. 150 NASSAU STREET,  
NEW YORK, April 4, 1898.

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

DEAR SIR—I beg to acknowledge receipt of your letter of the 25th ultimo, transmitting to me, for investigation and report, the inclosed copy of a communication from the Chief Topographical Engineer, in regard to the grading of Jansen place, Marble Hill.

In reply, I desire to say that I will issue an order to have the work referred to resumed at once.

Very respectfully,

JAMES P. KEATING, Commissioner of Highways.

The following communication from the Chief Topographical Engineer was read:

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 of the Board of Public Improvements:

SIR—In accordance with your communication of March 17, inclosing copy of communication received from the Bedford Park Taxpayers' Association in regard to having Potter place (Two Hundred and Fourth street) sewered, and which communication has been referred to me, I report as follows:



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 Moshulu 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 inadvisable 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 25, 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 Langbein 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.—(G. 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,

JOSEPH GEISER,

FRANCIS J. BYRNE,

ELLAS 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. 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,

JOHN J. VAUGHAN, JR.,

BERNARD SCHMITT,

Committee on  
Water Supply.

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 Robins 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 Robins 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,

JOHN J. VAUGHAN, JR.,

BERNARD SCHMITT,

Committee on  
Water Supply.



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. HAFKEN, 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 preceded 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 thereupon 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.

Alternative—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-SETH 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 Borden 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 this 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 to cause 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 call 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 Board 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 abutment. 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 of 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 Board 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 avenues. 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 to 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 MCNEANEY,

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. HAFKEN, 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. WELLING, 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 Welling presented the following:

No. 472B.

AN ORDINANCE to provide for repaving King street, from Macdougall 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 Macdougall 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 audacity 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 situated 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 forty-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 324, 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 324, 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 reflogged 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 \$161,300.

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 324, 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 6, 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. HOLAHAN, 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. HOLAHAN, 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. HOLAHAN, 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. HOLAHAN, 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 time 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 varies 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 in 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. HOLAHAN, President, Board of Public Improvements:

DEAR SIR:—In transmitting to me, on March 23, 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, Sundeer, from the Department of Highways, Borough of The Bronx, to the Department of Bridges, Borough of The Bronx.

Adjourned.

Attest:

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.

| DATE.            | 7 A. M.              | 9 A. M.              | 11 A. M.             | MEAN FOR THE DAY.    | MAXIMUM.             | MINIMUM.             |
|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| MARCH AND APRIL. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. |
| Sunday, 27       | 30.484               | 30.376               | 30.374               | 30.397               | 30.530               | 30.310               |
| Monday, 28       | 30.420               | 30.323               | 30.400               | 30.343               | 30.400               | 30.284               |
| Tuesday, 29      | 30.344               | 30.134               | 30.186               | 30.107               | 30.284               | 30.004               |
| Wednesday, 30    | 30.300               | 29.984               | 29.990               | 29.992               | 30.300               | 29.810               |
| Thursday, 31     | 30.800               | 29.840               | 29.980               | 29.855               | 29.950               | 29.810               |
| Friday, 1        | 30.000               | 29.930               | 30.000               | 29.977               | 30.004               | 29.948               |
| Saturday, 2      | 29.950               | 29.954               | 29.830               | 29.885               | 29.980               | 29.764               |

Mean for the week..... 29.887 inches.  
Maximum..... 30.530, March 29th.  
Minimum..... 29.764, April 2d.  
Range..... .766 "

### Thermometers.

| DATE             | 7 A. M.   | 9 A. M.   | 11 A. M.  | MEAN.     | MAXIMUM.  | MINIMUM.  | MAXIMUM. |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| MARCH AND APRIL. | Dry Bulb. | Wet Bulb. | Dry Bulb. | Dry Bulb. | Wet Bulb. | Dry Bulb. | In Sun.  |
| Sunday, 27       | 43        | 44        | 47        | 47.5      | 47.0      | 37        | 74.0     |
| Monday, 28       | 47        | 48        | 53        | 50.0      | 47.0      | 37        | 64.0     |
| Tuesday, 29      | 48        | 47        | 54        | 50.0      | 49.0      | 34        | 64.0     |
| Wednesday, 30    | 41        | 38        | 51        | 47.0      | 48.0      | 30        | 64.0     |
| Thursday, 31     | 51        | 52        | 57        | 53.0      | 52.0      | 35        | 64.0     |
| Friday, 1        | 55        | 53        | 61        | 57.0      | 55.0      | 37        | 64.0     |
| Saturday, 2      | 60        | 57        | 65        | 60.0      | 58.0      | 33        | 64.0     |

Mean for the week..... 50.4 degrees.  
Maximum..... 60.0, April 2d.  
Minimum..... 30.0, March 29th.  
Range..... 30.0 "

### Wind.

| DATE.             | DIRECTION. |         |          | VELOCITY IN MILES. |         |          |                             | FORCE IN POUNDS PER SQUARE FOOT. |         |          |      |             |  |
|-------------------|------------|---------|----------|--------------------|---------|----------|-----------------------------|----------------------------------|---------|----------|------|-------------|--|
|                   | 7 A. M.    | 9 A. M. | 11 A. M. | 7 A. M.            | 7 A. M. | 7 A. M.  | Distance<br>for the<br>day. | 7 A. M.                          | 9 A. M. | 11 A. M. | Max. | Time.       |  |
|                   |            |         |          | 10                 | 10      | 10       |                             |                                  |         |          |      |             |  |
|                   |            |         |          | 7 A. M.            | 9 A. M. | 11 A. M. |                             |                                  |         |          |      |             |  |
| Sunday, 27...     | ENE        | NE      | E        | 45                 | 40      | 45       | 132                         | 1/2                              | 0       | 1/2      | 1/2  | 10.00 A. M. |  |
| Monday, 28...     | E          | ENE     | ESE      | 50                 | 40      | 40       | 135                         | 0                                | 1/2     | 0        | 1/2  | 1.15 P. M.  |  |
| Tuesday, 29...    | E          | SE      | NNE      | 40                 | 38      | 40       | 133                         | 0                                | 1/2     | 0        | 1/2  | 1.15 P. M.  |  |
| Wed'nesday, 30... | N          | ENE     | NNE      | 75                 | 45      | 65       | 173                         | 1/2                              | 0       | 0        | 1/2  | 2.40 A. M.  |  |
| Thursday, 31...   | NNW        | NNW     | NW       | 100                | 95      | 85       | 205                         | 1                                | 1/2     | 1/2      | 1/2  | 1.00 A. M.  |  |
| Friday, 1...      | NW         | WNW     | WNW      | 100                | 100     | 85       | 205                         | 1/2                              | 2       | 0        | 0    | 1.15 P. M.  |  |
| Saturday, 2...    | SE         | E       | NW       | 90                 | 70      | 65       | 188                         | 0                                | 1/2     | 1/2      | 1/2  | 4.10 P. M.  |  |

Distance traveled during the week..... 1,300 miles.  
Maximum force..... 5 pounds.

### Hygrometer.

### Clouds.

### Rain and Snow. Ozone.

| DATE.<br>MARCH<br>AND<br>APRIL. | FORCE OF VAPOR. |         |          |       | RELATIVE HUMIDITY. |         |          |       | CLEAR, 0;<br>OVERCAST, 10. |           |          | DEPTH OF RAIN AND SNOW IN INCHES. |                 |                    |                  |                       |          |
|---------------------------------|-----------------|---------|----------|-------|--------------------|---------|----------|-------|----------------------------|-----------|----------|-----------------------------------|-----------------|--------------------|------------------|-----------------------|----------|
|                                 | 7 A. M.         | 9 A. M. | 11 A. M. | MEAN. | 7 A. M.            | 9 A. M. | 11 A. M. | MEAN. | 7 A. M.                    | 9 A. M.   | 11 A. M. | Time of Beginning.                | Time of Ending. | Duration.<br>H. M. | Amount of Water. | Depth of Snow.<br>IN. | 0.<br>10 |
| Sunday, 27                      | .975            | .380    | .381     | .315  | 97                 | 99      | 100      | 98    | 10                         | 60        | 21       | 1 A. M.                           | 21 P. M.        | 12:00              | 1.00             | 1.00                  | 0        |
| Monday, 28                      | .973            | .363    | .367     | .336  | 84                 | 73      | 85       | 80    | 10                         | 8 Cls. Co | 10       | 8 A. M.                           | 7 A. M.         | 1:00               | .01              | ...                   | 0        |
| Tuesday, 29                     | .976            | .360    | .361     | .335  | 97                 | 86      | 99       | 90    | 10                         | 9 Cls.    | 10       | 5:30 P. M.                        | 12 P. M.        | 8:30               | .25              | ...                   | 0        |
| Wednesday, 30                   | .990            | .337    | .320     | .352  | 74                 | 66      | 68       | 77    | 10                         | 4 Cls.    | 10       | 0 A. M.                           | 8:30 A. M.      | 8:30               | .16              | ...                   | 60       |
| Thursday, 31                    | .907            | .605    | .442     | .466  | 60                 | 66      | 66       | 61    | 10                         | 3 Cls.    | 10       | 0 A. M.                           | 7 A. M.         | 7:00               | .14              | ...                   | 5        |
| Friday, 1                       | .862            | .429    | .430     | .443  | 79                 | 44      | 55       | 59    | 0                          | 0         | 0        | .....                             | .....           | .....              | .....            | .....                 | 2        |
| Saturday, 2                     | .818            | .384    | .473     | .422  | 71                 | 65      | 72       | 76    | 5 Cls.                     | 0         | 5 Cls.   | .....                             | .....           | .....              | .....            | .....                 | 5        |

Total amount of water for the week..... 1.13 inch.  
Duration for the week..... 1 day, 23 hours, 00 minutes.

| DATE.           | 7 A. M.                   | 8 P. M.                        |
|-----------------|---------------------------|--------------------------------|
| Sunday, Mar. 27 | Raw, drizzling.           | Raw, raining.                  |
| Monday, " 28    | Cool, overcast.           | Cool, cloudy.                  |
| Tuesday, " 29   | Cool, overcast.           | Mild, cloudy, showery all day. |
| Wednesday, " 30 | Cool, raining.            | Mild, pleasant.                |
| Thursday, " 31  | Raw, raining, snowflakes. | Cool, cloudy.                  |
| Friday, Apr. 1  | Cool, pleasant.           | Clear, cool.                   |
| Saturday, " 2   | Cool, pleasant.           | Cool, overcast.                |

DANIEL DRAPER, Ph. D., Director.











Resolved, That, in accordance with Civil Service Rules and Regulations, Owen Mulligan be and is hereby temporarily appointed Engineer 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:

| NAME.                 | ADDRESS.                    | POSITION.           | DATE OF RESIGNATION. | CAUSE.   |
|-----------------------|-----------------------------|---------------------|----------------------|--|
| Edward Bosh...        | 421 West 32d street         | Sanitary Inspector  | ...                  |  |
| Edward F. Flynn...    | 72 West 9th street          | "                   | ...                  |  |
| John Carroll...       | 217 West Houston street     | Steamfitter         | ...                  |  |
| Gerritt Dillon...     | 102 West 24th street        | Laborer             | ...                  | Dropped from roll in consequence of not having been employed for a period of six months. |
| Peter Quinn...        | 685 Park avenue             | "                   | ...                  |  |
| John K. Rife...       | 778 West 127th street       | "                   | ...                  |  |
| John Kellay...        | 408 West 25th street        | "                   | ...                  |  |
| Edward Smith...       | 770 Tenth avenue            | "                   | ...                  |  |
| Patrick Stafford...   | 81 Amsterdam avenue         | "                   | ...                  |  |
| Martin J. Mulvaney... | 15 Tompkins street          | Collector           | May 3, 1895          | No cause assigned.   |
| Andrew Green...       | 103 West 28th street        | Foreman of laborers | July 15, "           | "  |
| John J. McGuire...    | 121 West Fifty-sixth street | Boatman             | April, "             | "  |
| Turner H. Bayle...    | 102 West 127th street       | Laborer             | " 30, "              | "  |
| James Lally...        | 430 West 46th street        | "                   | " 29, "              | "  |
| Joseph Fallon...      | 110 East 14th street        | "                   | " 28, "              | "  |
| Joseph Graves...      | 80 East 100th street        | "                   | " 27, "              | "  |
| Dennis Kehoe...       | 1142 Third avenue           | "                   | " 26, "              | "  |
| Carroll McKilligan... | 449 West 20th street        | "                   | " 25, "              | "  |
| John D. McGowan...    | 41 Chatham street           | "                   | " 24, "              | "  |
| Joseph Quiga...       | 103 East 20th street        | "                   | " 23, "              | "  |
| James Rafferty...     | 425 West Broadway           | "                   | " 22, "              | "  |
| John Reynolds...      | 448 West 14th street        | "                   | " 21, "              | "  |
| James Steele...       | 272 West 19th street        | "                   | " 20, "              | "  |
| Edmund Sheridan...    | 201 East 14th street        | "                   | " 19, "              | "  |
| William Sheridan...   | 152 East 19th street        | "                   | " 18, "              | "  |
| Joseph Wancloer...    | 200 East 75th street        | Diver               | " 17, "              | Lack of work.  |
| Franklin Mackin...    | 402 West 28th street        | Engineer            | " 16, "              | "  |
| Thomas McGivney...    | 421 East 14th street        | Foreman of laborers | " 15, "              | "  |
| William Molloy...     | 402 West 124th street       | Deck Builder        | " 14, "              | "  |
| James A. Brown...     | 420 West 14th street        | Laborer             | " 13, "              | "  |
| Andrew Gallagher...   | 372 East 8th street         | "                   | " 12, "              | "  |
| George Gullin...      | 24 East 154th street        | "                   | " 11, "              | "  |
| Edward Hagg...        | 221 Varick street           | "                   | " 10, "              | "  |
| Edward J. Lynch...    | 11 Lewis street             | "                   | " 9, "               | "  |
| Charles Pertain...    | 421 East 14th street        | "                   | " 8, "               | "  |
| Daniel Roach...       | 754 Columbus avenue         | "                   | " 7, "               | "  |
| William Whelan...     | 310 East 37th street        | "                   | " 6, "               | "  |
| Patrick McGrath...    | 302 West 10th street        | "                   | " 5, "               | "  |

On motion, the Board adjourned.

WM. H. BURKE, Secretary.

## DEPARTMENT OF HEALTH.

HEALTH DEPARTMENT,  
CENTRE, ELIZABETH AND FRANKLIN STREETS,  
NEW YORK, April 11, 1898.

Supervisor of the City Record:

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:

| NAME.                         | BOROUGH.  | POSITION.                            | SALARY.  |
|-------------------------------|-----------|--------------------------------------|----------|
| John T. McGuire...            | Brooklyn. | Disinfecter                          | \$780 00 |
| Frank Cain...                 | "         | "                                    | 780 00   |
| Thomas Casey, Jr...           | "         | "                                    | 780 00   |
| William Smith...              | "         | "                                    | 780 00   |
| Peter C. Hughes, M. D...      | "         | Medical Inspector (Diagnostician)    | 1,800 00 |
| James J. H. Blakeney, M. D... | "         | Medical Inspector                    | 1,200 00 |
| James T. Gallagher, M. D...   | "         | "                                    | 1,200 00 |
| Chas. H. Ermentraut, M. D...  | "         | "                                    | 1,200 00 |
| Eugene J. Kenny, M. D...      | "         | "                                    | 1,200 00 |
| Thomas Carey...               | "         | Food Inspector                       | 1,000 00 |
| Christian Rothaug...          | "         | "                                    | 1,000 00 |
| James McKee...                | "         | "                                    | 1,000 00 |
| Moses Rubenstein...           | "         | Sanitary Inspector                   | 1,200 00 |
| Clarence N. Platt...          | Queens    | Milk Inspector                       | 780 00   |
| Michael T. Mitchell...        | "         | Inspector of Offensive Trades        | 800 00   |
| Frank Halpin...               | "         | "                                    | 800 00   |
| Joseph L. Dempsey...          | "         | Shore Inspector                      | 600 00   |
| Joseph Wacker...              | "         | "                                    | 600 00   |
| Robert Saffin...              | "         | "                                    | 600 00   |
| Jacob Schlehr...              | "         | "                                    | 600 00   |
| Mary E. O'Connor...           | Manhattan | Laboratory Attendant                 | 480 00   |
| Frances Lestrangle...         | "         | "                                    | 420 00   |
| J. T. Bloodgood, M. D...      | Queens    | Medical School Inspector (per month) | 30 00    |
| A. W. Jagger, M. D...         | "         | Medical School Inspector (per month) | 30 00    |

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 Bartlett street, Borough of Brooklyn; No. 224 First avenue, Borough of Manhattan, and Claven's Point, Borough of Bronx. To Inspector of Combustibles.

Report of overhauled flag, No. 61 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 grate-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 L. Wiershausen calling attention to meritorious conduct of citizens named at fire No. 66 Nassau street.

Request of General Purchasing Agent, Atchafon, 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 door 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 20th 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 3 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.

|   |         |
|---|---------|
| Tin signs                               | \$25 00 |
| Cumberland coal                         | 30 00   |
| Shellac                                 | 29 00   |
| Ring packing                            | 32 00   |
| Sulphuric acid                          | 20 00   |
| New cable, Ward's and Randall's Islands | 200 00  |

Borough of Brooklyn and Queens.

|                    |          |
|--------------------|----------|
| Forage, March 7    | \$415 74 |
| Forage, March 14   | 584 00   |
| Fuel, March 10     | 950 00   |
| Telegraph supplies | 730 00   |

BILLS AND PAY-ROLLS AUDITED.

Borough of Manhattan.

|                           |            |
|---------------------------|------------|
| Schedule 10 of 1898—      |            |
| Apparatus, supplies, etc. | \$2,100 38 |
| Schedule 131 of 1897—     |            |
| Apparatus, supplies, etc. | 3,307 98   |

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," "Frei Presse und 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:

For Furnishing Hay, Straw, Oats and Bran in the Borough of Brooklyn and in Long Island City, in the Borough of Queens.

|                         |            |
|-------------------------|------------|
| No. 1, John Kipp        | \$8,253 00 |
| No. 2, F. Donovan & Son | 7,041 00   |
| No. 3, A. & C. Ferguson | 6,712 00   |
| No. 4, Vollkommer & Co  | 7,191 00   |

Each with security deposit of \$200.



## For Furnishing 1,000 Tons Anthracite Coal to the Boroughs of Brooklyn and Queens.

|                        |            |
|------------------------|------------|
| No. 1. J. J. Schumdeke | \$7,562 00 |
| No. 2. Bacon & Co.     | 7,076 00   |
| No. 3. C. Offeman      | 7,714 00   |

Each with security deposit of \$225.

## For Furnishing Uniform Buttons.

|                                 |            |
|---------------------------------|------------|
| No. 1. Waterbury Button Company | \$1,045 00 |
|---------------------------------|------------|

With security deposit of \$50.

## For Furnishing Badges and Insignia.

|                                |            |
|--------------------------------|------------|
| No. 1. Lambert Brothers        | \$1,000 00 |
| No. 2. Robert C. O'Brien       | 389 00     |
| No. 3. N. Stafford             | 906 00     |
| No. 4. American Supply Company | 1,260 00   |
| No. 5. Charles G. Braemar      | 762 50     |

Each with security deposit of \$50.

The respective contracts were awarded to A. & C. Ferguson, J. F. Schumdeke, 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, "absence 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 requisition of hotel No. 387 Fourth avenue. To Assistant Corporation Counsel, Bureau for Recovery of Penalties.

Reports of chimney fire, No. 251 1/2 Kingsland avenue, Borough of Brooklyn; No. 231 Herald way, No. 45 Sullivan street and No. 340 East Eighth street. To Inspector of Combustibles.

Recommendation of Inspector of Combustibles for remission of penalties for chimney fire, Borough of Brooklyn. Back. Approved.

Request of Assistant Corporation Counsel, Bureau for Recovery of Penalties, for requisition of premiums No. 2274 Eighth avenue and Nos. 414 and 415 East Twenty-third street. To Chief of Department for requisition and report.

Complaint of travelers being taken in and from No. 108 East Thirty-first street. To Inspector of Combustibles.

Complaint of Mrs. Friedman, of unburned fire-escapes, No. 903 Kiewit street. To Chief of Police.

Complaint of Max Oren of lack of fire-escapes at No. 322 East Fourth street. To Department of Buildings.

Verdict from Manhattan Railway Company in attack upon Third avenue structure, from Ninety-ninth to One Hundredth street. To Chief of Department.

## Filed.

Request from Assistant Corporation Counsel, Bureau for Recovery of Penalties, for instructions as to complaints against Henry Mues for violation of electrical rules.

Communications from Corporation Counsel, returning, with his approval as to form indorsed 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 amount appropriated for fire alarms and telephones. The Secretary to answer.

Communication from Bartlett & 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.

## Laid Over.

Application of Fireman Andrew Munn, Hook and Ladder 11, for promotion to rank of Assistant Foreman.

## EXPENDITURE AUTHORIZED.

|  |         |
|--|---------|
| Carpenter-work, quarters Hook and Ladder 6 | \$67 00 |
|--|---------|

## APPOINTED.

James F. Reilly, as Pardoning Agent for the Boroughs of Manhattan, The Bronx, Richmond, Brooklyn and Queens, with salary of \$2,400 per annum from 1st proximo.

Ordered, That the horseshoeing 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. 454 West Seventeenth street. To Inspector of Combustibles.

Complaint against Foreman, 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 Woven 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 Seventieth street and Amsterdam avenue.

## EXPENDITURE AUTHORIZED.

|  |          |
|--|----------|
| Coal and wood, Boroughs of Brooklyn and Queens | \$950 00 |
|--|----------|

## APPOINTED.

as fourth-grade Firemen, with salary of \$800 per annum, from 1st proximo:

|                                       |
|---------------------------------------|
| 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 35.            |
| William H. Hess, Hook and Ladder 5.   |
| Daniel F. Sanders, Hook and Ladder 9. |
| Henry C. Dalley, Hook and Ladder 18.  |

From 2d proximo:

|                                      |
|--------------------------------------|
| 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. Ladder, 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 fireboat, 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 as to what to do with the structure 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 Bralsted for their conduct on that occasion. The Chief of Department and officers mentioned notified.

Communication from "D. Clementi'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 of engine at fire, No. 108 Stanton street, with recommendation that name of Chief of Battalion William J. Cook be 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-RATES ADJUSTED.  
Borough of Manhattan.

|                      |              |
|----------------------|--------------|
| Schedule 11 of 1898— | \$174,022 04 |
| Salaries             |              |

A trial balance sheet of the accounts of the Department for the month ending March 31, 1898, was transmitted to his Honor the Mayor.

## POSITIONS ABANDONED.

Assistant Secretary, from 4 o'clock this p. m., and John R. Shields, the incumbent, discharged.

## RE-EMPLOYED.

In accordance with Regulation 43, Municipal Civil Service Regulations:

Robert Barlowman, as Climber, at \$2 per day.

John J. Keenan, as Machinist, Repale Shop, at \$3 per day.

## APPOINTED.

Andrew Gavan, Temporary Assistant Fire Marshal, at \$1,500 per annum, Borough of Manhattan.

Thomas P. 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 requisition 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 indorsed 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.

|                                   |          |
|-----------------------------------|----------|
| Sockets and hydrant connections   | \$570 00 |
| Set double harness                | 85 00    |
| 2 sets modern telegraph apparatus | 230 00   |

## Boroughs of Brooklyn and Queens.

|  |          |
|--|----------|
| Brooms, brushes and capsiders          | \$215 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. Orr, 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 1st inst.

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.

The following is a statement of public lamps repaired, etc., during the week:

|                                  |                             |
|----------------------------------|-----------------------------|
| 3 new lamps erected and lighted. | 48 lamp-posts straightened. |
| 4 relighted.                     | 1 column relighted.         |
| 1 lamp discontinued.             | 20 columns relighted.       |
| 7 lamp-posts removed.            | 9 service-pipes refitted.   |
| 9 lamp-posts reset.              | 9 stand-pipes refitted.     |



CHANGES IN FORCE.  
BOROUGH OF MANHATTAN AND THE BRONX.

## Appointments.

1 Foreman of Makers.  
1 Fireman.

2 Emergency Men.

## Replacements.

2 Carpenters.  
1 Stoker.1 Elevator Attendant.  
4 Cleaners.

## Removals.

1 Plumber.  
1 Plumber's Helper.  
1 Fireman.1 Elevator Attendant.  
1 Cleaner.

## BOROUGH OF RICHMOND.

## Appointments.

|   |                 |
|---|-----------------|
| John A. Driscoll, Chief Clerk                     | Salary per year |
| J. Louis Garverton, Private Secretary             | \$1,000 00      |
| George Sheridan, Chief Inspector, Exterior Wiring | 720 00          |
| Hammond Van Vechten, Inspector, Exterior Wiring   | 780 00          |
| John D. Gilles, Inspector, Exterior Wiring        | 780 00          |
| Bernard McDevitt, Inspector, Exterior Wiring      | 780 00          |
| John J. Foley, Inspector, Exterior Wiring         | 780 00          |

## BOROUGH OF QUEENS.

## Appointments.

|  |                 |
|--|-----------------|
| Charles Douglass Pennington, Chief Clerk | Salary per year |
| Quincy Bedford Street, Private Secretary | \$1,800 00      |
|  | 1,500 00        |

1 Janitor, Healy Building, Far Rockaway.

2 Janitors.

## Removals.

## BOROUGH OF BROOKLYN.

## Appointments.

|  |                 |
|--|-----------------|
| Hulbert S. Wynkoop, Inspector of Gas and Electricity | Salary per year |
|  | \$2,000 00      |

## Requisitions on the Comptroller.

The total amount of requisitions drawn on the Comptroller by this Department is \$100,987.57.  
HENRY S. KEARNY, Commissioner.

## 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:

## EXPENDITURES FOR MARCH, 1898.

|               |              |
|---------------|--------------|
| Pay-rolls     | \$100,505 94 |
| Taxes         | 1,785 75     |
| Car-fares     | 208 67       |
| Supplies      | 11,454 72    |
| Paving        | 2,077 69     |
| Coal and wood | 19,610 49    |
| Repairs       | 3,578 55     |
| Cleaning pans | 409 20       |
| Laying mains  | 65,174 29    |
| Land          | 261,877 18   |
|               | \$466,882 48 |

## LIABILITIES FOR MARCH, 1898.

|               |            |
|---------------|------------|
| Supplies      | \$5,300 24 |
| Paving        | 1,004 59   |
| Repairs       | 1,267 00   |
| Cleaning pans | 238 80     |
| Laying mains  | 192 00     |
|               | \$8,002 63 |

E. BEARDSLEY, General Bookkeeper.

## 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, for publication in the CITY RECORD, that by order of the Commissioner for the Borough of The Bronx, John McGowan, of One Hundred and Fifty-third street, near Melrose avenue, has been appointed Teamster with team, and F. Connolly, Teamster with team, discharged.

Respectfully,

MAX K. KAHN,  
Private Secretary.

CITY OF NEW YORK,  
DEPARTMENT OF PARKS,  
THE ARSENAL, CENTRAL PARK,  
April 9, 1898.

## Supervisor of the City Record:

SIR—I beg to report, for publication in the CITY RECORD, that the Park Commissioner for the Boroughs of Manhattan and Richmond has this day reinstated

B. Friedman, No. 316 Hudson street, Roofer,  
William Graham, No. 81 Third street,  
Helper.

Michael Buckley, No. 630 Greenwich street,  
Blacksmith.

Edwin D. Smith, No. 428 West Fifty-fifth  
street, Laborer (reinstated for thirty days).

Michael Derwin, No. 1147 Second avenue,  
Laborer (reinstated for thirty days).

Respectfully,

WILLIS HOLLY,  
Secretary, Park Board.

CITY OF NEW YORK,  
DEPARTMENT OF PARKS,  
THE ARSENAL, CENTRAL PARK,  
April 12, 1898.

## Supervisor of the City Record:

DEAR SIR—Pursuant to section 1546, chapter 378 of the Laws of 1897, I hereby notify you, for publication in the CITY RECORD, that George Rehm, Laborer, has been transferred

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.  
Robert A. Campbell and John J. Schaffer have been promoted to the position of Foremen at a compensation of \$100 per month.

Respectfully yours,

MAX K. KAHN,  
Private Secretary.

## 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.

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in The City of New York, on Friday, April 15, 1898, at 10.30 o'clock A.M.

Dated CITY HALL, NEW YORK, April 12, 1898.

ROBERT A. VAN WYCK,  
Mayor.

## DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS,  
BOROUGH OF MANHATTAN  
AND THE BRONX,  
No. 220 FORTYTH 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:

April 11, 1898—Joseph T. Smith, Clerk, dismissed.

April 11, 1898—Samuel M. Clarke, Messenger, dismissed.

Yours truly,

T. J. BRADY,  
Commissioner of Buildings for the  
Boroughs of Manhattan and  
The Bronx.

## 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.

Respectfully,

MICHAEL F. BLAKE,  
Clerk of the Board of Aldermen.

## 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:

April 1, 1898, Jocelyn Johnstone, The Benedict, Washington Square, Private Secretary to the President of the Council.

Respectfully,

P. J. SCULLY,  
City Clerk.

## 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.  
ALFRED M. DOWNES, Private Secretary.

## Bureau of Licenses.

No. 1 City Hall, 9 A.M. to 4 P.M.  
DAVID J. ROCHE, Chief.  
GEORGE W. BOWEN, Jr., Deputy.

## AQUEDUCT COMMISSIONERS.

Room 200, Stewart Building, 5th floor, 9 A.M. to 4 P.M.  
PETER J. DOWLING, MAURICE J. POWER, WILLIAM H. TEEBCK, CHARLES H. MURRAY, and THE MAYOR, and COMPTROLLER, Commissioners; HARRY W. WELSON, Secretary; A. FOLEY, Chief Engineer.

## COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A.M. to 4 P.M.  
JOHN C. HERTLER and EDWARD OWEN.

BOARD OF ARMY COMMISSIONERS.  
The Mayor, Chairman; PARSONS OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.  
Address THOMAS L. FETTER, Stewart Building.  
Office hours, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

## MUNICIPAL ASSEMBLY.

## The Council.

REYNOLDS GREENGARDEN, 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.

ALFRED W. PETERS, President.  
IRA EDGAR RIVER, Secretary.

## 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.

LOUIS F. HERRER, President.

## Borough of Brooklyn.

President's Office, No. 1 Borough Hall; 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

EDWARD M. GOSSET, President.

## Borough of Queens.

FREDERICK BOSKEY, President.

Office, Long Island City; 9 A.M. until 4 P.M.; Saturday, from 9 A.M. until 12 M.

## Borough of Richmond.

Office, 100 Broadway, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

MAURICE F. HOLAHAN, President.

JOHN H. MURPHY, Secretary.

Department of Highways.

No. 120 Nassau street, 9 A.M. to 4 P.M.

JAMES P. KRATON, Commissioner of Highways.

WILLIAM N. SHERRILL, Deputy for Manhattan.

THOMAS E. FARRALL, Deputy for Brooklyn.

JAMES H. MALONEY, Deputy for Bronx.

JOHN F. MALONEY, Deputy for Queens.

HENRY P. MORRISON, Deputy and Chief Engineer for Richmond.

Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S.I.

Department of Sewers.

Nos. 263 and 267 Broadway, 9 A.M. to 4 P.M.

JAMES KANE, Commissioner of Sewers.

MATTHEW F. DONOHUE, Deputy for Manhattan.

THOMAS J. BYRNES, Deputy for Bronx.

WILLIAM BRENNAN, Deputy for Brooklyn.

MATTHEW J. GOLDNER, Deputy Commissioner of Sewers, Borough of Queens.

HENRY P. MORRISON, Deputy Commissioner and Chief Engineer of Sewers, Borough of Richmond.

Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S.I.

Department of Bridges.

Room 377, Stewart Building, Chambers street and Broadway, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

JOHN L. SARA, Commissioner.

THOMAS H. YORK, Deputy.

SAMUEL R. PROHARCO, Chief Engineer.

MATTHEW H. MOORE, Deputy for Bronx.

HARRY BRAM, Deputy for Brooklyn.

JOHN E. BACKUS, Deputy for Queens.

Department of Water Supply.

No. 120 Nassau street, 9 A.M. to 4 P.M.

WILLIAM DALTON, Commissioner of Water Supply.

JAMES H. HALL, Deputy Commissioner.

GEORGE W. BIKDALE, Chief Engineer.

W. G. BYRNE, Water Registrar.

JAMES MORFET, Deputy Commissioner, Borough of Brooklyn, Municipal Building.

JOSEPH FITCH, Deputy Commissioner, Borough of Queens, Old City Hall, Long Island City.

THOMAS J. MULLIGAN, Deputy Commissioner, Borough of The Bronx, Crotona Park Building.

HENRY P. MORRISON, Deputy Commissioner, Borough of Richmond, Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S.I.

Department of Street Cleaning.

No. 26 Broadway, 9 A.M. to 4 P.M.

JAMES McDEVITT, Commissioner of Street Cleaning.

PATRICK H. QUINN, Deputy Commissioner of Brooklyn.

Room 22 Municipal Building.

Department of Buildings, Lighting and Supplies.

No. 34 Broadway, Room 114, 9 A.M. to 4 P.M.

HENRY S. KEARNY, Commissioner of Public Buildings, Lighting and Supplies.

JOHN J. REES, Deputy Commissioner for Manhattan.

WILLIAM WALTON, Deputy Commissioner for Brooklyn.

HENRY SUTHERS, Deputy Commissioner of Queens.

## DEPARTMENT OF FINANCE.

## Comptroller's Office.

Seaver Building, Chambers street and Broadway, 9 A.M. to 4 P.M.

BIRD S. COOPER, Comptroller.

MICHAEL T. DICK, Deputy Comptroller.

EDWARD J. LEVY, Assistant Deputy Comptroller.

EDWARD CHASE, Collector of Assessments and Arrears.

DAVID O'BRIEN, Collector of City Revenue and Superintendent of Markets, Borough of Manhattan.

DAVID E. ADAMS, Receiver of Taxes.

JOHN J. McDEVITT, Deputy Receiver of Taxes, Borough of Manhattan.

JAMES B. BOCK, Deputy Receiver of Taxes, Borough of Brooklyn.

JOHN P. GUGLIEMINI, First Auditor of Accounts, Borough of Manhattan.

WILLIAM MCKINNEY, First Auditor of Accounts, Borough of Brooklyn.

MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.

WALTER H. HOYT, Auditor, Borough of Richmond.

JOHN J. FATHURNEY, Deputy Receiver of Taxes, Borough of Richmond.

GEORGE HENRY, Deputy Collector of Assessments and Arrears, Borough of Richmond.

EDWARD J. CONNELL, Auditor, Borough of The Bronx.

FREDERICK W. DICKERSON, Deputy Receiver of Taxes, Borough of Queens.

FRANCIS R. CRANE, Auditor, Borough of Queens.

Bureau of the City Chamberlain.

Nos. 25 and 27 Stewart Building, Chambers street and Broadway, 9 A.M. to 4 P.M.

PATRICK WELSHAM, City Chamberlain.

Office of the City Physician.

No. 33 Beale street, Seaver Building, 9 A.M. to 4 P.M.

JOHN H. THOMSON, City Physician.

## PUBLIC ADMINISTRATOR.

No. 415 Nassau street, 9 A.M. to 4 P.M.

WILLIAM M. HOBBS, Public Administrator.

## LAW DEPARTMENT.

## Office of Corporation Counsel.

Stratt-Kellogg Building, 3d and 4th floors, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

JOHN WHALEN, Corporation Counsel.

THOMAS CONNOLLY, W. W. LADD, JR., CHARLES BLANCK, Assistants.

ALBERT F. JONES, Assistant Corporation Counsel for Brooklyn.

Bureau for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A.M. to 4 P.M.

Bureau for the Recovery of Penalties.

Nos. 122 and 124 Nassau street.

ADRIAN T. KIRWAN, Assistant Corporation Counsel.

Bureau of Street Openings.

Nos. 20 and 22 West Broadway.

JOHN P. LINDY, Assistant to Corporation Counsel.

## DEPARTMENT OF PUBLIC CHARITIES.

## Central Office.

No. 2 of Third avenue, corner Eleventh street, 9 A.M. to 4 P.M.

JOHN W. KEELAN, President of the Board; Commissioner for Manhattan and Bronx.

THEODORE S. DODDGE, Deputy Commissioner.

ARTHUR BATES, Jr., Commissioner for Brooklyn and Queens.

ARTHUR A. QUINN, Deputy Commissioner.

JAMES FARRER, Commissioner for Richmond.

Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bids and Accounts, 9 A.M. to 4 P.M.; Saturdays, 12 M.

Out-door Poor Department, Office hours, 8.30 A.M. to 4.30 P.M.

## POLICE DEPARTMENT.

## Central Office.

No. 350 Mulberry street, 9 A.M. to 4 P.M.

BRENDAN J. YOUNG, President of the Board; THOMAS J. HAMILTON, Secretary; JOHN B. SEXTON, WILLIAM H. PHILLIPS, Commissioners.

## DEPARTMENT OF CORRECTION.

## Central Office.

No. 148 East Twentieth street, 9 A.M. to 4 P.M.

FRANCIS J. LARSEN, Commissioner.

N. O. PARKER, Deputy Commissioner.

JAMES J. KEOWN, Deputy Commissioner for Boroughs of Brooklyn and Queens.

## FIRE DEPARTMENT.

## Office hours for all, except where otherwise noted, from 9 A.M.







1291. 200 pounds Soda, Mott, grad. pure, 20 in box.
1292. 100 pounds Sodium Bromide, 1 lb. orig. b.
1293. 2 pounds Sodium Hypophosphite, U. S. P., 1 lb. b.
1294. 50 pounds Sodium Sulphate, pure, reagent, Mott, 1 lb. orig. b.
1295. 6 ounce boxes Suppositories, Glycerin, U. S. P., 100 in box.
1296. 100 pounds Syrup Iodide Iron, U. S. P., 7-pound b.
1297. 10 gallons Water, Witcham, 10 Gallon Bottles, Extra No. 1.
1298. 10 pounds Xylol, 2-pound cans.
1299. 300 ounces Zinc Sulfate Co., 1 ounce original b.
1300. 6 barrels California Port Wine, about 20 gallons each.

N. B.—Must contain at least 10 per cent. by volume of absolute alcohol, and must be at least equal to the sample exhibited at the Central Office, on Saturday, April 15, between 9 A. M. and noon.

**B. Surgical Supplies.**

1310. 1 Aspirator, Putnam's, best, in case.
1311. 1 set Bougies & Boule, Metal, 10-30 Fr., in case.
1312. 1 Gross Brushes, Camel's Hair, Swan Quill, No. 45-5000 or 44 R R R.
1313. 1 Gross Brushes, Marking, "Adams' X," 1000, No. 10.
1314. 1 Gross Brushes, Steel, sample.
1315. 1 Catgut, depressed handle, long.
1316. 1 dozen Catheters, English, w. wylets.
1317. 1 dozen Catheters, English, w. wylets, 10-12, 14-16, 18-20, 22-24, 26-28, 30-32, 34-36, 38-40, 42-44, 46-48, 50-52, 54-56, 58-60, 62-64, 66-68, 70-72, 74-76, 78-80, 82-84, 86-88, 90-92, 94-96, 98-100, 102-104, 106-108, 110-112, 114-116, 118-120, 122-124, 126-128, 130-132, 134-136, 138-140, 142-144, 146-148, 150-152, 154-156, 158-160, 162-164, 166-168, 170-172, 174-176, 178-180, 182-184, 186-188, 190-192, 194-196, 198-200, 202-204, 206-208, 210-212, 214-216, 218-220, 222-224, 226-228, 230-232, 234-236, 238-240, 242-244, 246-248, 250-252, 254-256, 258-260, 262-264, 266-268, 270-272, 274-276, 278-280, 282-284, 286-288, 290-292, 294-296, 298-300, 302-304, 306-308, 310-312, 314-316, 318-320, 322-324, 326-328, 330-332, 334-336, 338-340, 342-344, 346-348, 350-352, 354-356, 358-360, 362-364, 366-368, 370-372, 374-376, 378-380, 382-384, 386-388, 390-392, 394-396, 398-400, 402-404, 406-408, 410-412, 414-416, 418-420, 422-424, 426-428, 430-432, 434-436, 438-440, 442-444, 446-448, 450-452, 454-456, 458-460, 462-464, 466-468, 470-472, 474-476, 478-480, 482-484, 486-488, 490-492, 494-496, 498-500, 502-504, 506-508, 510-512, 514-516, 518-520, 522-524, 526-528, 530-532, 534-536, 538-540, 542-544, 546-548, 550-552, 554-556, 558-560, 562-564, 566-568, 570-572, 574-576, 578-580, 582-584, 586-588, 590-592, 594-596, 598-600, 602-604, 606-608, 610-612, 614-616, 618-620, 622-624, 626-628, 630-632, 634-636, 638-640, 642-644, 646-648, 650-652, 654-656, 658-660, 662-664, 666-668, 670-672, 674-676, 678-680, 682-684, 686-688, 690-692, 694-696, 698-700, 702-704, 706-708, 710-712, 714-716, 718-720, 722-724, 726-728, 730-732, 734-736, 738-740, 742-744, 746-748, 750-752, 754-756, 758-760, 762-764, 766-768, 770-772, 774-776, 778-780, 782-784, 786-788, 790-792, 794-796, 798-800, 802-804, 806-808, 810-812, 814-816, 818-820, 822-824, 826-828, 830-832, 834-836, 838-840, 842-844, 846-848, 850-852, 854-856, 858-860, 862-864, 866-868, 870-872, 874-876, 878-880, 882-884, 886-888, 890-892, 894-896, 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All goods to be delivered in installments as may be required during the year 1898.

No empty packages are to be returned to bidders or contractors, to be delivered in installments as required, except such as are designated in the specifications.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope indorsed "Bid or Estimate for Dry Goods, Hardware, etc., for the Kings County Penitentiary," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner of Correction, or his duly authorized agent, and read.

The Commissioner of Correction reserves the right to reject all bids or estimates if deemed to be for the public interest, as provided in section 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must furnish satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders, or security, trust or deposit companies in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-book, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, 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 and as in default to the Corporation, and the contract will be re-advertised and let as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates. Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioner may determine.

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner will insist upon its absolute enforcement in every particular.

FRANCIS J. LANTRY,  
Commissioner of Correction.

DEPARTMENT OF CORRECTIONS,  
No. 148 East Twentieth Street,  
New York City, April 6, 1898.

**PROPOSALS FOR GROCERIES, PROVISIONS, ETC., FOR THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN.**

**SEALED BIDS OR ESTIMATES FOR FURNISHING GROCERIES AND OTHER SUPPLIES TO THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN, during the year 1898, in conformity with samples and specifications, will be received at the office of the Commissioner of Correction in the City of New York until 10 A. M., Monday, April 18, 1898.**

1. 3,000 pounds Butter known as Western Extra Creamery or Fancy State Creamery.
2. 2,500 pounds Choice State Factory (all Cream) fine and bearing State Brand, standard on box.
3. 25,000 pounds Rio Coffee Roasted.
4. 5,000 pounds Oatmeal, Two, Black, in half chests free from all admixtures and in original packages.
5. 3,500 pounds Bacon (Prime Quality) City cured to average 6 pounds each.
6. 4,000 pounds Ham (Prime Quality) City cured to average 14 pounds each.
7. 2,000 pounds Prime Kettle-rendered Lard, in packages about 30 pounds each.
8. 50 sacks Prime Quality American Salt.
9. 20 bushels Coarse Salt.
10. 100 pounds Saltpetre.
11. 25,000 pounds Granulated Sugar, "Standard."
12. 44,000 pounds Powdered Sugar, "Standard."
13. 230 pounds Syrup.
14. 1,200 dozen Eggs, are to be fresh and canned at time of delivery, to be furnished in cases or usual 50.
15. 10,000 pounds Beans, not older than crop of 1897.
16. 11,000 pounds Brown Soap, of the grade known in the trade as "Commercially Pure Settled Family Soap," to be delivered within 90 days after the award has been made. The soap to be delivered in boxes holding about 30 pounds, and the weight to be determined on its arrival at the Kings County Penitentiary, on average tare being based upon the weight of twenty boxes selected at random from each delivery. The soap must be free from added carbonate of soda, silicate of soda, mineral soap stock or other foreign material. It must be of good process, soluble in two parts alcohol of ninety-four per cent., and contain not more than thirty-three per cent. of water. Empty soap boxes to be returned and the price bid for same to be deducted from bills by the contractor.
17. 50 barrels Soap Chips.
18. 50 pounds White Castile Soap.
19. 3,000 pounds No. 1 Oat Meal to be returned.
20. 700 pounds Fine Meat, free from adulteration, in bags of 25 pounds net (bags to be returned).
21. 7,000 pounds A No. 1 Timothy Hay, weight allowed as received at Kings County Penitentiary.
22. 50 barrels Soda Biscuits (empty barrels to be returned).
23. 400 gallons Malt Vinegar, Prime Quality (empty barrels to be returned).
24. 20 pounds Ground Alspice.
25. 250 pounds No. 1 Barley.
26. 200 pounds Baking Powder.
27. 250 pounds Macaroni.
28. 50 pounds Pure Mustard.
29. 25,000 pounds Rolled Oats.
30. 200 pounds Ground Pepper, pure, in bulk of this.
31. 300 pounds Prunes.
32. 40 pounds Corn Starch.
33. 400 pounds Laundry Starch.
34. 25 pounds Indigo.
35. 500 pounds Canned Curr.
36. 400 dozen Canned Fruit.
37. 300 dozen Canned Peas.
38. 500 dozen Canned Tomatoes.
39. 400 pounds Canned Salmon.
40. 400 pounds Canned Corn.
41. 200 pounds Chili Sauce.
42. 1 dozen Gelatine, "Cox's."
43. 7,000 pounds Common Cornstarch Jelly.
44. 1 dozen Best Olive Oil (quarts).
45. 100 dozen papers Thyme.
46. 30 dozen Sappalo, "Morgan's."
47. 25 boxes Raisins.
48. 2,500 pounds Rice.
49. 1 box Bath Brick.
50. 10 pounds Ground Cinnamon.
51. 10 pounds Cloves.
52. 10 pounds Ground Ginger.
53. 130 barrels Pillsbury's Best (fine flour).
54. 3 barrels Salt Soda (yellow quality) about 140 pounds each.
55. 5,000 pounds Plug Tobacco (2 pieces) United Factory make.
56. 8,000 pounds Bedbug Baitage ("no per sample")

No empty packages are to be returned to bidders or contractors, to be delivered in installments as required, except such as are designated in the specifications.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope indorsed "Bid or Estimate for Groceries, etc., for the Kings County Penitentiary," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner of Correction, or his duly authorized agent, and read.

The Commissioner of Correction reserves the right to reject all bids or estimates if deemed to be for the public interest, as provided in section 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must furnish satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders, or security, trust or deposit companies in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-book, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, 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 and as in default to the Corporation, and the contract will be re-advertised and let as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates. Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioner may determine.

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner will insist upon its absolute enforcement in every particular.

FRANCIS J. LANTRY,  
Commissioner of Correction.

DEPARTMENT OF CORRECTIONS,  
No. 148 East Twentieth Street,  
New York City, April 6, 1898.

**PROPOSALS FOR FISH, ETC., FOR THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN.**

**SEALED BIDS OR ESTIMATES FOR FURNISHING THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN, with Fish, etc., during the year 1898, in conformity with samples and specifications, will be received at the office of the Commissioner of Correction in the City of New York until 10 A. M., Monday, April 18, 1898.**

The person or persons making any bid or estimate shall furnish the same in a sealed envelope indorsed "Bid or Estimate for Fish, etc., for the Kings County Penitentiary," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner, or his duly authorized agent, of said Department, and read.

The Commissioner of Correction reserves the right to reject all bids or estimates if deemed to be for the public interest, as provided in section 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must furnish satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of ONE THOUSAND (\$1,000) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders or security companies in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the articles by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-book, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, 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 and as in default to the Corporation, and the contract will be re-advertised and let as provided by law.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioner may determine.

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner will insist upon its absolute enforcement in every particular.

FRANCIS J. LANTRY,  
Commissioner of Correction.

DEPARTMENT OF CORRECTIONS,  
No. 148 East Twentieth Street,  
New York City, April 6, 1898.

**PROPOSALS FOR MEATS FOR THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN.**

**SEALED BIDS OR ESTIMATES FOR FURNISHING THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN, with Meats, during the year 1898, in conformity with samples and specifications, will be received at the office of the Commissioner of Correction in the City of New York until 10 A. M., Monday, April 18, 1898.**

The person or persons making any bid or estimate shall furnish the same in a sealed envelope indorsed "Bid or Estimate for Meats, for the Kings County Penitentiary," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner, or his duly authorized agent, of said Department, and read.

The Commissioner of Correction reserves the right to reject all bids or estimates if deemed to be for the public interest, as provided in section 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must furnish satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of SEVEN THOUSAND DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders or security companies in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the articles by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.







## POLICE DEPARTMENT.

POLICE DEPARTMENT, CITY OF NEW YORK,  
BUREAU OF INVESTIGATION.

**OWNERS WANTED BY THE DEPUTY PROPERTY CLERK OF THE POLICE DEPARTMENT OF THE CITY OF NEW YORK.**—Municipal Building, Borough of Brooklyn:—for the following property now in custody without claimants:—Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc. Also small amount money taken from prisoners and found by Patrolman of this Department.

CHARLES D. BLATCHFORD,  
Deputy Property Clerk.

## POLICE DEPARTMENT—CITY OF NEW YORK, 1898.

**OWNERS WANTED BY THE PROPERTY CLERK OF THE POLICE DEPARTMENT OF THE CITY OF NEW YORK.**—No. 300 Mulberry street, Room No. 9, for the following property now in custody, without claimants:—Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc. Also small amount money taken from prisoners and found by Patrolman of this Department.

JOHN F. HARRIOT, Property Clerk.

## DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH,  
CENTRAL COURT BUILDING,  
CENTRE, WHITE, ELM AND FRANKLIN STREETS.

## TO CONTRACTORS.

**SEALED BIDS OR ESTIMATES FOR FURNISHING FIVE HUNDRED TONS OF WHITE ASH COAL.**—The Willard Parker and Reception Hospital, under the charge of the Board of Health, will be received at the office of the Department of Health, in the City of New York, until 12 o'clock M. of April 17, 1898. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, marked "Bid or Estimate for Furnishing Coal for Willard Parker and Reception Hospital," and with his or their name or names, and the date of its presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Board and read.

The Board of Health reserves the right to reject all bids or estimates, as provided in section 479, chapter 278, Laws of 1897. It is deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is an arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids. The coal to be of good quality, and the quantity that will be required will be about five hundred tons of White Ash Coal, to be well screened and in good order, each ton to be 2,240 pounds, in accordance with the specifications attached to and which form a part of the contract aforesaid.

Delivery to be made at the Willard Parker and Reception Hospital, near the foot of East Sixth street, at the time required by the Board of Health, may change in the time or place of delivery, however, may be made, in writing, by the Board of Health.

The above quantity is estimated and approximated only, and bidders are notified that the Board of Health reserves the right to increase or diminish said quantities by an amount not exceeding fifteen per cent. of the estimated quantities, and the contractor will be paid therefor only at the rate or price named in the contract, and that in case the above named quantity shall not be required by the Department, no allowance will be made for any real or supposed damage or loss of profit.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by law or their bond, with two sufficient sureties, each in the penal sum of \$1,000. Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested he shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a Department, Chief of a Bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the cash, in writing, of the party or parties making the estimate that the several matters therein stated are in all respects true.

Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Bidders will be required to furnish testimonials that they are engaged in the coal business in the City of New York, and have the plant necessary to carry out promptly and regularly the contract, if it be awarded, to the entire satisfaction of the Board of Health, and must furnish an undertaking for the faithful performance of all the provisions thereof in the manner provided by law, executed by two householders or freeholders of the City of New York, each residing in the penal sum of one thousand two hundred dollars, and agreeing that if he shall omit or refuse to execute the said contract they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract shall be awarded as any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has taken himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

Should the person or persons to whom the contract is awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or estimate, 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 and as in default to the Corporation, and the contract will be readvertised and retold as provided by law.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the National or State banks of the City of New York, drawn to the order of the Comptroller, or money in the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimates, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within

five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Bidders are cautioned to examine the form of contract and the specifications for particulars before making their estimates. Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment for the Coal will be made by requisition on the Comptroller, and as more specifically and particularly is set forth in the contract form.

Bidders are informed that no deviation from the contract and specifications will be allowed unless under the written instruction of the Board of Health.

The form of the agreement, including specifications, showing the manner of payment, will be furnished at the office of the Department, Criminal Court Building, Centre, White, Elm and Franklin streets.

Dated New York, April 1, 1898.

MICHAEL C. MURPHY,  
WILLIAM T. JENKINS, M. D.,  
JOHN B. CORRY, M. D.,  
ALVAH H. DOLY, M. D.,  
BERNARD J. YORK,

Commissioners.

## CORPORATION NOTICE.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

BOROUGH OF MANHATTAN.

List 3343, No. 1. Alteration and improvement to sewer in Ninety-ninth street, between Amsterdam avenue and Central Park West.

List 3344, No. 2. Alteration and improvement to sewer in Park avenue (east side), between Sixty-sixth and Seventieth streets, and to curves of Sixty-sixth, Sixty-seventh, Sixty-eighth and Sixty-ninth streets.

List 3345, No. 3. Alteration and improvement to sewer in Third avenue, west side, between Ninety-ninth and One Hundredth streets.

List 3346, No. 4. Paving intersection of Fifty-third street and Avenue A with granite block pavement.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Ninety-ninth street, commencing about one-half mile east of Columbus avenue and extending westerly to Amsterdam avenue; both sides of Columbus avenue, north side of Ninety-second street, from Central Park West, to Columbus avenue; north side of Ninety-second street, extending about 150 feet west of Columbus avenue; both sides of Ninety-third street, extending about 150 feet west of Columbus avenue; and both sides of Ninety-fourth street, extending about 150 feet west of Columbus avenue.

No. 2. East side of Park avenue, from Sixty-sixth to Seventieth streets; both sides of Sixty-sixth street, from Lexington to Park avenue; both sides of Sixty-seventh street, from Third to Park avenue; both sides of Sixty-eighth street, from a point about 100 feet east of Lexington avenue and extending westerly to Park avenue; both sides of Sixty-ninth street, from a point about 100 feet east of Lexington avenue to Park avenue; west side of Lexington avenue from Sixty-sixth to Sixty-seventh streets, and both sides of Lexington avenue from Sixty-seventh street to a point about 100 feet north of Sixty-ninth street.

No. 3. Both sides of Lexington avenue, from Ninety-ninth to One Hundredth streets; west side of Third avenue, from Ninety-ninth to One Hundredth streets; east side of Park avenue, from Ninety-ninth to One Hundredth streets; and both sides of Ninety-ninth street, from Third to Park avenue.

No. 4. To the extent of half the block, from the northerly and southerly intersections of Fifty-third street and Avenue A.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 300 Broadway, New York, on or before May 10, 1898, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE,  
EDWARD CAHILL,  
THOS. A. WILSON,  
JOHN DELMAR,  
PATRICK M. HAVERTY,

Board of Assessors.

WILLIAM H. JAFFE,  
Secretary,  
No. 300 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
April 8, 1898.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

BOROUGH OF MANHATTAN.

List 3348, No. 1. Paving One Hundred and Seventy-third street, from Amsterdam to Eleventh avenue, with asphalt pavement.

List 3349, No. 2. Paving One Hundred and Nineteenth street, from the Boulevard to Riverside Drive, with asphalt block pavement.

List 3350, No. 3. Paving One Hundred and Thirty-seventh street, from Seventh to Eighth avenue, with asphalt block pavement.

List 3351, No. 4. Paving One Hundred and Third street, from Fourth to Fifth avenue (except from Fourth to Madison avenue), with asphalt pavement.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Seventy-third street, from Amsterdam to Eleventh avenue, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of One Hundred and Nineteenth street, from the Boulevard to Riverside Drive, and to the extent of half the block at the intersecting avenues.

No. 3. Both sides of One Hundred and Thirty-seventh street, from Seventh to Eighth avenue, and to the extent of half the block at the intersecting avenues.

No. 4. Both sides of One Hundred and Third street, from Madison to Fifth avenue, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 300 Broadway, New York, on or before May 10, 1898, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE,  
EDWARD CAHILL,  
THOS. A. WILSON,  
JOHN DELMAR,  
PATRICK M. HAVERTY,

Board of Assessors.

WILLIAM H. JAFFE,  
Secretary,  
No. 300 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
April 8, 1898.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

BOROUGH OF MANHATTAN.

List 3352, No. 1. Paving One Hundred and Forty-sixth street, from Eighth avenue to Eleventh avenue, with asphalt block pavement.

List 3353, No. 2. Paving One Hundred and Twenty-seventh street, from the Boulevard to Riverside Drive, with granite or granite block pavement, and laying crosswalks.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Forty-sixth street, from Eighth to Eleventh avenue, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of One Hundred and Twenty-seventh street, from the Boulevard to Riverside Drive, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 300 Broadway, New York, on or before May 10, 1898, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

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THOS. A. WILSON,  
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PATRICK M. HAVERTY,

Board of Assessors.

WILLIAM H. JAFFE,  
Secretary,  
No. 300 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
April 8, 1898.

## DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY,  
COMMISSIONER'S OFFICE, No. 100 NASSAU STREET,  
NEW YORK, April 7, 1898.

## TO CONTRACTORS.

**BIDS OR ESTIMATES INCURRED IN A** sealed envelope, with the title of the work and the name of the bidder indicated thereon, also the number of the work as in the advertisement, will be received at No. 100 Nassau street, corner of Spruce street, in Room No. 1704, until 1 o'clock P. M. on Thursday, April 15, 1898. The bids will be publicly opened at the limit of the Department, in Room No. 1704, No. 100 Nassau street, at the hour above mentioned.

**NO. 1. FOR FURNISHING, DELIVERING AND LAYING WATER MAINS IN COBURN ROAD, ACROSS HARLEM RIVER SHIP CANAL, AND IN TWO HUN, IRK AND NINTH AND DEAN STREETS.**

**NO. 2. FOR FURNISHING THE DEPARTMENT OF WATER SUPPLY WITH STEEL COCKS, HYDRANTS, WOODEN HYDRANT BOXES, CAST-IRON STEEL COCK BOXES AND COVERS, AND MAX. BULL HEADS.**

**NO. 3. FOR FURNISHING CAST-IRON WATER PIPES, BRANCH PIPES AND SPECIAL CASTINGS.**

**NO. 4. FOR FURNISHING THE DEPARTMENT OF WATER SUPPLY WITH WHITE-WOOD PLUMS, LEAD, HYDRANT CATERPILERS AND ROLLERS, FIVE HOLE, BRIDGE BOLTS, CASKING BOLTS AND HYDRANT STRAPS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and that all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a Department, Chief of a Bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded as any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money in the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimates, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of the deposit will be returned to him.

**THE COMMISSIONER OF WATER SUPPLY RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.**

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Room No. 4777.

WM. DALTON,  
Commissioner of Water Supply.

## MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK.  
CENTRE, ELM, FRANKLIN AND WHITE STREETS,  
NEW YORK, March 26, 1898.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** open competitive examinations will be held at the office of the Commission on the following questions, upon the dates mentioned:

Friday, April 13, 1898, at 10 A. M.,  
Friday, April 15, 1898, at 10 A. M.,  
Friday, April 17, 1898, at 10 A. M.,  
Friday, April 19, 1898, at 10 A. M.,  
Friday, April 21, 1898, at 10 A. M.,  
Friday, April 23, 1898, at 10 A. M.,  
Friday, April 25, 1898, at 10 A. M.,  
Friday, April 27, 1898, at 10 A. M.,  
Friday, April 29, 1898, at 10 A. M.,  
Friday, April 30, 1898, at 10 A. M.,  
Friday, May 1, 1898, at 10 A. M.,  
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Friday, May 9, 1898, at 10 A. M.,  
Friday, May 11, 1898, at 10 A. M.,  
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Friday, May 27, 1898, at 10 A. M.,  
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Friday, May 31, 1898, at 10 A. M.,  
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