

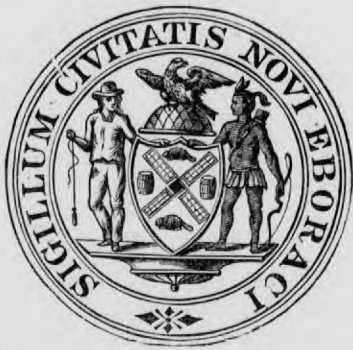
THE CITY RECORD.

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NUMBER 3,800.



DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1885.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET,
NEW YORK, October 30, 1885.

Hon. WILLIAM R. GRACE, Mayor:

SIR—In compliance with section 49 of the New York City Consolidation Act of 1882, I have the honor to transmit the following report of the transactions of this Department for the quarter ending September 30, 1885:

SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

| | |
|--|----------------|
| On account of appropriations raised by taxation..... | \$688,615 71 |
| On account of "Fund for Local Improvements"..... | 294,832 03 |
| On account of Funded Debt, for improvement and extension of the water supply.... | 158,373 22 |
| On account of Special Fund, for restoring pavements over street openings..... | 13,509 65 |
| On account of Revenue Bonds, for furnishing and setting water-meters..... | 3,113 53 |
| Total..... | \$1,158,444 14 |

EXPENDITURES FOR NINE MONTHS ENDING SEPTEMBER 30, 1885.

| | |
|--|----------------|
| Appropriation Accounts..... | \$1,737,577 03 |
| Fund for Local Improvements..... | 729,581 06 |
| Funded Debt, water supply..... | 330,811 80 |
| Special Fund, restoring pavements..... | 31,113 27 |
| Revenue Bonds, for water-meters..... | 15,768 16 |
| Total..... | \$2,844,851 32 |

SUMMARY STATEMENT OF CONTRACTS.

Contracts entered into during the Quarter.

| | |
|---|--------------|
| 11 repaving contracts, estimated cost..... | \$123,441 17 |
| 1 sewer contract, estimated cost..... | 1,687 50 |
| 2 contracts for laying water-mains, estimated cost..... | 24,957 00 |
| 3 miscellaneous contracts, estimated cost..... | 20,486 62 |
| Total..... | \$170,572 29 |

Contracts completed during the Quarter.

| | |
|--|--------------|
| 14 repaving contracts, cost..... | \$164,587 71 |
| 8 sewer contracts, cost..... | 66,108 60 |
| 9 regulating and grading contracts, cost..... | 230,507 74 |
| 2 contracts for water-mains, cost..... | 31,093 42 |
| 1 contract for reservoir on Bronx river, cost..... | 279,715 69 |
| 8 miscellaneous contracts, cost..... | 70,888 43 |
| Total..... | \$842,901 59 |

BUREAU OF CHIEF ENGINEER CROTON AQUEDUCT.

Sources of Water Supply.

As stated in my last quarterly report, the rainfall in the Croton water-shed for April, May and June, was less than for the same period during the past eighteen years, so that at the beginning of mid-summer season, the natural flow of the Croton river was far below the amount required for the daily supply of the city, and a very large portion of the water stored in the storage reservoirs and lakes had been drawn off. The rainfall for the past three months was as follows:

| LOCATION. | JULY. INCHES. | AUGUST. INCHES. | SEPT. INCHES. | TOTAL FOR QUARTER. INCHES. |
|-------------------------------|------------------|--------------------|------------------|----------------------------------|
| Boyd's Corners Reservoir..... | 5.27 | 7.35 | 1.09 | 13.71 |
| South East Reservoir..... | 4.94 | 6.52 | 1.19 | 12.65 |
| Kensico Reservoir..... | 4.33 | 6.28 | 0.86 | 11.47 |
| Croton Dam..... | 4.87 | 7.07 | 1.13 | 13.07 |
| Central Park Reservoir..... | 4.26 | 6.41 | 0.47 | 11.14 |

During the three months there were only five days when the natural flow of the Croton river was sufficient to supply the Aqueduct with the quantity of water required for daily consumption. The amount of water drawn from the storage reservoirs and lakes to supply the deficiency is 4,220,000,000 gallons. The same conditions prevailed in reference to the supply received from the Bronx river. 600,000,000 gallons of water were drawn from the Rye ponds to keep up the supply.

The Aqueduct.

On the 11th September a serious break occurred in the Aqueduct, near Van Cortlandt station, which made it necessary to shut off the water for four days to make repairs. During that time

repairs were made not only at that point, but throughout the interior of the Aqueduct where they were needed. In the course of this work a large leak in the conduit, near Dobbs Ferry, was stopped.

The experience of the past season again shows the urgent necessity for ample means to strengthen the Aqueduct so as to secure it against danger of breakage and interruption of the supply upon which the city now depends.

Bronx River Supply.

As above stated, it was necessary to draw 600,000,000 gallons of water from the Rye ponds to keep up the normal supply of 10,000,000 gallons of water per day received from that source. This supply was interrupted for two weeks in consequence of the necessity of making repairs to the distributing pipes. The question of damages accruing from the diversion of the water is not yet definitely settled, and searches for titles of lands and water rights below Bronxville are still in progress. The Commissioners appointed to appraise damages on the Bronx river, from White Plains to Bronxville, are also still holding the matter under consideration, and have not yet made their final report. The work on the receiving reservoir at Williamsbridge is progressing as rapidly as is consistent with the stability of the work.

Distribution of Water.

In extending and improving the water supply, 6,040 lineal feet of 12-inch pipe and 20,718 lineal feet of 6-inch pipe (total, 5 1-10 miles), with 38 stop-cocks and 41 fire-hydrants, were placed. During the time that the supply from the Aqueduct was shut off for necessary repairs, the water in the Central Park Reservoir was drawn off ten feet in depth. At the same time the consumption of water was increased during the extreme warm weather, and the result was an unusual decrease of pressures in the delivery of the water, causing many complaints.

Use and Waste of Water.

For several years past the Department has presented in its quarterly and annual reports, and in the departmental estimates, the necessity of additional means and power to control the consumption of water, and to check waste, and the experience of the past few years clearly shows that unless such additional means and powers be granted a large portion of the city will suffer from inadequate supply until the New Aqueduct is built. This subject was treated at considerable length in the departmental estimate for the year 1886, which I transmitted to you as Chairman of the Board of Estimate and Apportionment a few days ago, and what can be said of it now is necessarily a repetition in substance of the statements and arguments made in that document. Instead of an appropriation of \$300,000 for repairs and renewal of pipes, stop-cocks, etc., asked for in the departmental estimate made by my predecessor last year, of which \$73,473 was to be applied to salaries of inspectors in charge of the water-meter system, inspectors on general waste of water, and clerks keeping the accounts of water supplied through meters, and the charges thereof, the appropriation was reduced in the final estimate to \$175,000, of which \$43,000 was set apart for salaries. In consequence of this reduction the work of maintaining the distributing system was confined to ordinary repairs of pipes, stop-cocks and hydrants, as leaks and defects were discovered, and the Department was debarred from replacing or renewing pipes contiguous to the water-front, which are known to be so worn with corrosion from contact with salt water that they are unsafe, and where large leakage is believed, or in fact known to exist, without any direct surface appearances or manifestations to enable the Department to locate the particular points at which the leaks occur. Unless means are appropriated to renew these pipes there can be no guarantee against large breaks which may consume or waste millions of gallons of water per day, and so reduce the pressures as to make it impossible to deliver the water in some portions of the city so as to make it available for business and domestic consumption. The reduction made in the amount set apart for salaries under this appropriation has operated in like manner to prevent the execution of measures necessary to detect and check leaks and waste of water. On June 30, 1885, there were 12,625 water-meters in use, and the force which could be employed under the appropriation has been barely sufficient for the supervision of the system, and for its slow and gradual extension to the buildings which are subject to the compulsory use of water meters. During the quarter 494 additional meters were placed, making 13,119 meters in use on September 30, 1885. The Chief Engineer of the Croton Aqueduct states in his quarterly report hereto annexed that the proper reading and care of these meters requires that the force of meter inspectors be doubled. The questions which present themselves in the consideration of the subject of controlling and checking the consumption and waste of water are:

First—What will be the effect on the water supply of the city if the rates of consumption and waste are not checked? The reports and records of the Department show that complaints of insufficient pressure of water prevailed in certain parts of the city for many years past when the supply furnished through the Aqueduct was equal to upwards of 100 gallons per day for each individual. If this rate of consumption had not been reduced by the measures so far adopted for checking waste of water in places where the pressures have been ample, those portions of the city which had previously suffered from insufficient pressures would now be totally deprived of the water supply. The city is now receiving the maximum quantity of water which can be obtained until the New Aqueduct is completed. Under the most favorable circumstances at least five years will elapse before the new supply can be obtained through the New Aqueduct. The increase in the population of the city during this time is estimated at 50,000 per annum, and to maintain an equitable distribution of water throughout the city it will be necessary to reduce the consumption from the present rate of 80 gallons daily per capita to 76½ gallons in the next year, 73¾ gallons in the second year, 71½ gallons in the third year, 69 gallons in the fourth year, and 66½ gallons in the fifth year. If this reduction in the rate of consumption cannot be accomplished, the pressures in the distributing mains will be so diminished that in large portions of the city it will be impossible to obtain any water, even by pumping.

Second—Is it practicable to make such reduction without detriment to the health, convenience and comfort of the city? The consumption in New York City is shown by the experience and statistics of cities whose local conditions are similar to our own to be far in excess of the standard of adequate supply. In Vienna, Berlin and St. Petersburg the supply is from 15 to 22 gallons per capita. In Paris, where large quantities of water are used in keeping the streets clean, the daily consumption does not rise above 42 gallons per capita. In London the daily supply is 37½ gallons, and in all the principal cities of Great Britain it averages from 35 to 40 gallons per head. The most eminent engineers who have made the subject of water supply a study, estimate that 35 gallons per head of population is ample supply for domestic, sanitary and industrial purposes. In the City of Providence, Rhode Island, whose manufactures, in proportion to the population, are larger than those of any other city in the country, the consumption of water has been reduced to 30 to 35 gallons per head. In Boston it has been shown by actual tests that of the 95 gallons formerly consumed at least 50 per cent. was wasted, and by diligent application of authority and means to prevent waste, the consumption has been reduced from 95 gallons to 60 gallons per head. Colonel William Ludlow, Chief Engineer of the City of Philadelphia, estimates, after careful experiment and investigation, that the loss from waste in that city has been at least 43 per cent. In all American cities where the subject has been studiously examined, the estimates of waste are from 25 to 75 per cent. of the total supply. The official reports and statistics at hand from all available sources show that a supply and consumption of 40 gallons daily per capita is ample for all domestic, industrial and sanitary purposes.

Third—As to the means to be adopted to reduce the consumption of water in this city to the standard established by practical and scientific knowledge and experience as a liberal supply for all purposes.

As above stated, complaints of insufficient pressure and supply of water prevailed years ago, when the supply was equal to upwards of one hundred gallons daily per capita, and but for the introduction of water-meters and other measures to suppress waste of water, the localities where this occurred would now be entirely deprived of their water supply. The fact that a comparatively equitable and efficient distribution of water is still maintained throughout the city is therefore due to the measures so far put in operation for the suppression of waste. The principal factor in the accomplishment of this result is the introduction of water-meters. Under the existing law all places where water is used for business purposes can be metered, but the Department has no control whatever over the consumption of water in houses used exclusively as dwellings, and no means of ascertaining the consumption and waste of water in such houses. The Department should, in the first place, be provided with sufficient means to employ the necessary force of inspectors and accountants to extend the water-meter system as rapidly as possible in accordance with the existing provisions of law, and in addition to that, necessary means and authority should be provided to control the consumption and check waste of water in dwellings. The latter object can be accomplished at comparatively small expense by the application of a stop-cock to each service pipe, to which a pressure-gauge, indicating or registering the pressure and flow of water, and locating leaks or waste of water, can be applied at any time by an inspector.

BUREAU OF WATER PURVEYOR.

During the quarter an average force of 545 mechanics and laborers and 91 carts was employed in repairing pavements throughout the city. The aggregate area of pavements repaired or relaid is estimated at 132,000 square yards. 27 permits were issued to citizens to repair pavements in front of their respective premises, at their own expense. Under the appropriation for repaving streets, 24,458 square yards of new pavements were laid in the following streets:

Mott street, from Canal to Chatham street.
Thompson street, from Canal to Bleecker street.
Mulberry street, from Park to Canal street.
Park street, from Centre to Pearl street.
• Park street, from Mott to Mulberry street.
Twelfth street, from Second avenue to Avenue A.
Twenty-fifth street, from Second to Third avenue.
Thirty-sixth street, from First to Second avenue.
One Hundred and Twenty-ninth street, from Seventh to Eighth avenue.

The repavement of 25 other streets or parts of streets is in progress, and will be completed before the close of the season. Five contracts for paving new streets in the upper part of the city were completed, covering an aggregate area of 45,022 square yards. The following is a summary of the operations of gas companies, railroad companies, and other corporations in the public streets, under the direction and supervision of the Department:

6 98-100 miles of gas and steam pipes laid.
1 7-100 miles of underground telegraph and telephone conduits laid.
1 95-100 miles of double track railroad laid.
3,472 openings made in streets, to repair and make house connections.
850 repairs of pavements made in compliance with notice from the Department.

An average force of 77 mechanics and laborers and 10 carts was employed under the direction of the Water Purveyor, in making necessary repairs to pipes, stop-cocks and fire-hydrants. The principal items of work performed by this force, are as follows:

389 defects in pipes and stop-cocks repaired.
143 taps shut off on account of leaks in service pipes.
1,212 fire-hydrants repaired.
180 new fire-hydrants placed.
283 defects in pavements repaired.

The following is a brief summary of the work done by private corporations in the public streets, during the quarter.

The New York and Harlem Railroad Company completed laying rail tracks in Madison avenue, from Eighty-sixth street to the Harlem river. In those portions of the avenue which had previously been paved, the pavement has been properly restored, but considerable work remains to be done on the unpaved part of the roadway, to restore it to the proper grade. At the terminus of the road, from One Hundred and Thirty-fifth street to One Hundred and Thirty-seventh street, there are four tracks, occupying the whole width of the roadway, and the company will be required to lay a proper pavement between and around these tracks, so as to make that portion of the avenue safe and convenient for wagon traffic.

The Forty-second Street, Manhattanville and St. Nicholas Avenue Railroad Company has completed the work of restoring the roadway surface in and around their tracks on the Western Boulevard. Tracks were laid by this company on Tenth avenue, from Sixtieth to Seventieth street, and in Eighty-sixth street, from Tenth avenue to Riverside Drive.

The Third Avenue Railroad Company has completed the construction of the cable railway on Tenth avenue, from Manhattan street to One Hundred and Eighty-sixth street, and on Manhattan and One Hundred and Twenty-fifth streets, from Tenth avenue to Eighth avenue. Where this road passes over stone pavements, the pavement has been relaid from curb to curb. On Tenth avenue, from One Hundred and Fifty-first street to One Hundred and Fifty-fifth street, the company has entirely relaid the macadam roadway between their tracks and the curb. From One Hundred and Fifty-fifth street to one Hundred and Sixty-second street, the macadam pavement on either side of the tracks has also been relaid, and this work will be continued to the terminus of the road, at One Hundred and Eighty-sixth street, the space in and between the rail tracks being paved with asphalt. The company has shown a commendable disposition to comply with the directions of the Department, and when its work is completed, all the roadways occupied by its tracks will be in as good, if not better, condition than before the construction of the rail tracks was begun.

BUREAU OF SEWERS.

In consequence of the restrictions on the issue of city bonds imposed by the constitutional amendment, adopted last year, no new contracts for sewers have been made, and the work has been confined to the completion of the contracts then in existence. At the close of the quarter there were only four contracts uncompleted, viz:

Sewer in One Hundred and Forty-first street, between Avenue St. Nicholas and Tenth avenue.
Sewers in Lexington avenue, between Ninety-fifth and Ninety-seventh streets, etc.
Sewers in Eighty-eighth, Eighty-ninth, and Ninetieth streets, between Ninth and Eleventh avenues.
Sewers in Tenth avenue, east side, between One Hundred and Sixty-second and One Hundred and Seventieth streets, etc.

The first three of these works will be completed within the next five months, and the last within ten months. The aggregate amount of work done in the construction of these sewers under the several contracts is as follows:

4,862 lineal feet of sewers built.
103 lineal feet of culverts built.
785 lineal feet of sewers rebuilt.
6 receiving-basins built.

The sewerage system on Manhattan Island, now under the charge of the Department, includes 409 96-100 miles of sewers, with 5,025 receiving-basins.

The following are the principal items included in the work of repairing and cleaning sewers and basins during the quarter:

1,192 lineal feet of sewers repaired.
165 lineal feet of culverts repaired.
132 lineal feet of spur-pipe laid.
40 lineal feet of box sewer built.
48 receiving-basins repaired.
15 new basin-heads and 28 new basin-covers furnished and set.
109 manholes repaired.
57 new manhole heads, and 243 new manhole covers furnished and set.
10,760 lineal feet of sewers cleaned.
680 receiving-basins and culverts cleaned.
2,416 cart-loads of sewer deposits removed.

BUREAU OF STREET IMPROVEMENTS.

The constitutional amendment restricting the issue of assessment bonds has operated to retard the work of regulating and grading new streets, as well as other necessary street improvements. No new contracts have been entered into since January 1, 1885. During the quarter, work has been in progress on 24 contracts for regulating and grading streets, of which the following have been completed:

Seventy-fourth street, between Eighth avenue and Riverside Drive.
Ninety-first street, between Third and Fourth avenues.
Ninety-fifth street, between Tenth avenue and Riverside Drive.
One Hundred and First street, between Third and Fourth avenues.
One Hundred and Third street, between Tenth avenue and Riverside Drive.
One Hundred and Fourth street, between Boulevard and Riverside Drive.
One Hundred and Seventeenth street, between Sixth and Seventh avenues.
One Hundred and Sixty-second street, between Tenth and Edgecomb avenues.
The aggregate quantities of work done under the several contracts are as follows:
40,678 cubic yards of earth excavated.
64,771 cubic yards rock excavated.
24,963 cubic yards filling placed in embankments.
20,770 lineal feet of curb-stone set.
1,501 lineal feet gutter-stone laid.
68,287 square feet flagging laid.

BUREAU OF STREETS AND ROADS.

This Bureau has charge of the macadam roadways, the old country roads, and the unpaved streets in the upper part of the city. For years past the appropriations for the maintenance of the macadam roadways have not been sufficient to keep the roads in proper condition under the increased wear and tear of heavy business traffic to which they are now subjected. In several instances the superstructure is so badly worn and disintegrated that complete reconstruction appears to be the only proper and economical remedy. Under a special appropriation made in the estimate for 1885, a contract has been made for resurfacing the Western Boulevard from Fifty-ninth street to Seventy-ninth street. The work has been progressing satisfactorily and will be completed during the present season.

BUREAU OF LAMPS AND GAS.

At the close of the quarter ending June 30, 1885, there were 22,962 gas-lamps, 703 electric-lights, and 50 naphtha lamps in use in the streets and parks of the city, and during the past quarter 307 new gas-lamps and 5 electric-lamps were erected and lighted, 103 gas-lamps were relighted, and 64 gas-lamps were discontinued, making 23,308 gas-lamps, 708 electric-lights and 50 naphtha lamps in use at the close of the quarter.

BUREAU OF REPAIRS AND SUPPLIES.

The following are the principal items of work done during the quarter in the care and repair of public buildings and offices:

New Court House.

Re-arranging the interior of the room occupied by Part 3 of the Superior Court; constructing new platforms and benches and repainting the woodwork; repairing and repainting walls and cornices in Part 4 of the Superior Court; repairing the passenger elevator and placing new galvanized iron covers on the water tanks.

Brown Stone Court House.

Cleaning and relaying the carpets in Parts 1 and 2 of the Court of General Sessions, in the Grand Jury Room, and in the offices of the Receiver of Taxes.

Offices of the Finance Department.

Furnishing new chairs and desks.

The County Jail.

Rebuilding the foundations and supports for the boiler.

Civil and Police Courts.

Furnishing new carpets, linoleum and window shades in the Second District Civil Court; putting up new window awnings in the Sixth District Civil Court, and in the Eleventh District Civil Court; repairing windows and area gratings in the Third District Police Court; repairing the boiler and heating apparatus in the Fifth District Police Court; repairing the boiler and furnace in the Seventh District Court-house.

Public Markets.

Placing new revolving window sashes in Washington Market to improve ventilation; repairing flooring on Vesey Street Pier, West Washington Market; repairing the roof of Tompkins Market; placing new flooring in the basement of Centre Market and improving the sewerage, drainage and ventilation.

The Public Baths.

The attendance at the eleven public baths for the three months was as follows:

| LOCATION OF BATHS. | MALES. | FEMALES. | TOTALS. |
|---|-----------|----------|-----------|
| Gouverneur street, East river..... | 312,313 | 146,285 | 458,598 |
| Fifth street, East river..... | 218,887 | 105,018 | 423,905 |
| Nineteenth street, East river..... | 270,379 | 131,555 | 401,934 |
| Thirty-seventh street, East river..... | 210,843 | 110,140 | 320,983 |
| One Hundred and Twelfth street, East river..... | 171,389 | 43,532 | 214,921 |
| Port Morris..... | 36,018 | 15,874 | 51,892 |
| Battery, North River..... | 276,539 | 128,703 | 405,242 |
| Duane street, North river..... | 64,227 | 28,145 | 92,372 |
| Horatio street, North river..... | 241,769 | 51,367 | 293,136 |
| Twenty-seventh street, North river..... | 166,770 | 64,482 | 231,252 |
| Fifty-first street, North river..... | 169,781 | 83,944 | 253,725 |
| Totals..... | 2,238,915 | 909,045 | 3,147,960 |

BUREAU OF INCUMBRANCES.

This Bureau received during the quarter 1,173 complaints of obstructions on streets and sidewalks, which were promptly attended to. In 286 cases where notices for removal of obstructions were disregarded, the articles constituting the obstructions were seized and removed to the Corporation yard. The Bureau also removed 1,003 cart-loads of stone, dirt and other refuse material, and 125 decayed or dangerous shade trees, and issued 2,941 permits to place building material on streets, 14 permits to cut down shade trees, 137 miscellaneous permits, 229 notices to repair and re-flag sidewalks and 6 notices to repair defective vault-covers.

BUREAU OF WATER REGISTER.

The following is the amount of revenue collected from the water service during the past three months:

| | |
|-------------------------------------|--------------|
| For water rents..... | \$971,437 76 |
| For penalties on water rents..... | 3,153 70 |
| For permits to tap water-pipes..... | 3,000 50 |
| Total..... | \$977,591 96 |

In my previous reports and in the Departmental Estimate for 1886, I have referred to the necessity of changing and improving the system of water-rent accounts. The present system of bookkeeping, as it seems to me, proceeds upon the theory that the sole business of the Bureau is to receive money due the City for Croton water-rents, and turn it over to the representative of the City authorized to receive it, and to keep such accounts thereof as will show that all the money received has been faithfully turned over. It may be said that the system, if kept up as originally intended, would go a step further and show that no more money was credited on the ward registers than was received; but, admitting that this be shown, is it all that is necessary? Clearly not. This Bureau, under the direction of the Commissioner of Public Works, annually creates and records certain fixed charges against every building or estate liable for Croton water-rents, to be collected by the Water Register, subject to reduction or cancellation for good cause, or, in the event of non-payment within a certain time, to be returned as in arrears to the Bureau of Arrears. Therefore, a system of accounts should be adopted which will show:

First—What the fixed charges amount to in the aggregate at the beginning of each year's business.

Second—What the additions to and reductions from these charges, made in the course of collecting them, amount to.

Third—What amount of these charges is collected in this Bureau.

Fourth—What amount thereof is uncollected and returned as in arrears.

When these amounts are shown, it should be demonstrated by an actual balancing of the books, and not by assumption, that all money due to the City for Croton water has either been collected or returned as in arrears. Under the present system, it seems to me practically impossible to ascertain, with any degree of accuracy, the income for Croton water for any particular year, because the receipts in this Bureau of one year are not separated from those of other years, and because the amount to which the City is entitled is never absolutely ascertained, and that it is by assumption only that the conclusion is reached, that what has not been collected has been returned as in arrears. If these premises be correct, the question naturally arises, What system can be adopted that will furnish the desired information? It is assumed that the practical solution of this question will prove extremely difficult, but I am of opinion that it can be solved if the Commissioner is furnished with the means to make the necessary addition to the working force heretofore employed. To enable

the books to be balanced when the returns of unpaid rates are made to the Bureau of Arrears, I suggest:

First—That the ward register for 1886 be footed prior to the 1st of May, and the amount to be collected from each ward ascertained and recorded.

Second—That all additions to and deductions from the amounts fixed as due May 1, 1886, from each estate, be entered, when made, on the ward registers in such a manner as not to obliterate the original entries, and so that the amounts of such changes can be readily ascertained.

Third—That the cash receipts be analyzed daily, so as to show the amount applying to each ward in the current and former years, and to the various other sources from which money is received.

Fourth—That a debit and credit account be kept with each ward of the amounts respectively due and received therefrom.

Fifth—That, for convenience in analyzing the cash receipts and detecting errors, every bill for water, including meter bills, etc., shall have a coupon attached, which shall be a substantial copy of the original bill; and the coupons to be detached by the cashier as they are paid.

In order to enable the clerks to become familiar with coupon bills and to test their practical working, it will be well to adopt them as early as January 1, or earlier if it appear advisable to carry out the foregoing suggestions.

Double or over-payments are not of infrequent occurrence, and I would suggest that a separate record be kept of such payments, and that parties in interest be notified promptly on their occurrence, in order that the money may be refunded to whoever is found entitled to the same. That all money received in the Bureau, from whatever source it comes, be paid to the cashier and recorded on the general cash books. That an effort be made to deposit money on the day it is received, instead of the day following, and that the cash books shall not be closed until the end of each day's business, so that receipts shall not be given bearing a false date. The appropriations asked for under the head of "Salaries, Department of Public Works," in my Departmental Estimate for 1886, if allowed, will enable me to put in immediate operation the above suggestions, which have not, up to this time, been inaugurated for the want of means to employ a sufficient and competent force. In a Bureau where a varied and intricate system of accounts necessarily exists, the question of details becomes of vital importance to secure the greatest possible accuracy. It is believed that the suggestions made will tend to advantage, improve and render more accurate a system already fairly tested and well in hand, but which, with the present force and means, cannot be carried out with that completeness which I am of opinion should exist in this branch of the Department.

MISCELLANEOUS REVENUE.

The Department has collected and paid into the City Treasury the following amounts from various sources:

| | |
|--|-------------|
| For vault permits..... | \$20,853 98 |
| For sewer permits..... | 9,388 22 |
| For restoration of pavements over excavations..... | 10,510 00 |
| For furnishing and setting water-meters..... | 5,470 85 |
| For rent of steam-rollers..... | 81 16 |
| For redemption and sale of articles removed as obstructions..... | 301 70 |
| For work and materials furnished to citizens..... | 437 39 |
| Total..... | \$47,043 30 |

Very respectfully,

ROLLIN M. SQUIRE, Commissioner of Public Works.

Document "A."

Showing Titles of Appropriations; Balances of 1884 on July 1, 1885; Requisitions on 1884 in Third Quarter of 1885; Balances of 1884 on October 1, 1885; Appropriations, including Transfers, of 1885; Requisitions, First Six Months of 1885; Requisitions, Third Quarter, 1885; Balances on October 1, 1885; the Titles and Expenditures on Trust and Special Accounts and Receipts for the First Six Months of 1885, and those for the Third Quarter of 1885.

| TITLES OF APPROPRIATIONS. | Balances of 1884, on July 1, 1885. | Requisitions on 1884, in Third Quarter, 1885. | Balances of 1884, on October 1, 1885. | Appropriations, including Transfers, 1885. | Requisitions First Six Months, 1885. | Requisitions, Third Quarter of 1885. | Balances on October 1, 1885. |
|---|------------------------------------|---|---------------------------------------|--|--------------------------------------|--------------------------------------|------------------------------|
| Aqueduct—Repairs, Maintenance and Strengthening..... | \$5,157 85 | \$795 50 | \$4,362 35 | \$227,000 00 | \$78,075 94 | \$70,929 80 | \$77,994 26 |
| Aqueduct—Repairs, Maintenance and Strengthening—Salaries..... | 128 94 | ..... | 128 94 | 23,000 00 | 11,907 71 | 5,901 92 | 5,190 37 |
| Boulevards, Roads and Avenues, Maintenance of..... | 32 | ..... | 32 | 75,000 00 | 26,928 82 | 14,534 17 | 33,537 01 |
| Boulevards, Roads and Avenues, Maintenance of—Salaries..... | 475 00 | ..... | 475 00 | 2,000 00 | 833 71 | 711 23 | 455 00 |
| Bronx River Works—Maintenance and Repairing..... | ..... | ..... | ..... | 10,000 00 | 3,101 49 | 2,877 50 | 4,021 01 |
| Bronx River Works—Maintenance and Repairing—Salaries..... | ..... | ..... | ..... | 2,000 00 | 500 00 | 300 00 | 1,200 00 |
| Contingencies—Department of Public Works..... | 2,091 88 | ..... | 2,091 88 | 4,000 00 | 1,239 41 | 260 00 | 2,500 59 |
| Flagging Sidewalks and Fencing Vacant Lots, etc..... | 01 | ..... | 10 | 1,200 00 | 255 18 | 98 80 | 846 02 |
| For an Iron Awning around Jefferson Market Building..... | 43 00 | ..... | 43 00 | 2,500 00 | 2,457 00 | ..... | 43 00 |
| For Repairs and Alterations on Essex Market Court-house..... | 185 55 | ..... | 185 55 | 4,600 00 | 4,440 93 | ..... | 159 07 |
| For Repairs on Essex Market Building..... | 892 96 | ..... | 892 96 | 4,500 00 | 4,413 36 | ..... | 86 64 |
| Free Floating Baths..... | 182 23 | ..... | 182 23 | 15,000 00 | 4,949 09 | 7,016 97 | 3,033 94 |
| Free Floating Baths—Salaries..... | ..... | ..... | ..... | 20,000 00 | 4,856 50 | ..... | 6,821 50 |
| Iron Bridge over Fourth Avenue at Ninety-eighth Street..... | ..... | ..... | ..... | 35,000 00 | ..... | 382 00 | 34,618 00 |
| Lamps and Gas and Electric Lighting..... | 10 72 | ..... | 10 72 | 716,700 00 | 287,601 17 | 175,218 70 | 253,880 13 |
| Lamps and Gas and Electric Lighting—Salaries..... | 32 78 | ..... | 32 78 | 6,300 00 | 3,150 00 | 1,383 32 | 1,766 68 |
| Laying Croton Pipes—Salaries..... | 17,528 78 | 6,387 56 | 11,141 22 | 186,000 00 | 22,165 14 | 51,447 07 | 112,387 79 |
| Public Buildings—Construction and Repairs..... | 5 24 | ..... | 5 24 | 14,000 00 | 5,218 00 | 3,551 00 | 5,231 00 |
| Public Drinking-hydrants..... | 3,210 30 | 5 00 | 3,205 30 | 50,000 00 | 29,604 94 | 8,349 48 | 12,045 58 |
| Removing Obstructions in Streets and Avenues..... | 15 | ..... | 15 | 6,000 00 | 456 21 | 307 50 | 5,176 29 |
| Removing Obstructions in Streets and Avenues—Salaries..... | 44 17 | ..... | 44 17 | 6,884 00 | 2,030 60 | 2,107 10 | 2,086 30 |
| Repairing and Renewal of Pipes, Stop-cocks, etc..... | 296 36 | 37 83 | 258 53 | 131,500 00 | 67,755 07 | 41,365 03 | 23,379 90 |
| Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries..... | 334 40 | ..... | 334 40 | 43,500 00 | 23,494 30 | 11,283 15 | 8,722 55 |
| Repairs and Renewal of Pavements and Regrading..... | 298 82 | ..... | 298 82 | 192,500 00 | 29,719 89 | 104,096 74 | 58,683 37 |
| Repairs and Renewal of Pavements and Regrading—Salaries..... | 76 02 | ..... | 76 02 | 7,500 00 | 2,938 99 | 2,438 50 | 2,122 51 |
| Repaving Streets and Avenues..... | 4,234 48 | 2,381 94 | 1,852 54 | 350,000 00 | ..... | 59,519 74 | 299,480 26 |
| Repaving Streets and Avenues—Salaries..... | 626 05 | ..... | 626 05 | 8,000 00 | 1,545 00 | 981 00 | 5,474 00 |
| Roads, Streets and Avenues, Unpaved—Maintenance and Sprinkling..... | 146 65 | ..... | 146 65 | 25,000 00 | 7,728 81 | 9,141 08 | 8,130 11 |
| Salaries—Department of Public Works..... | 695 47 | ..... | 695 47 | 85,000 00 | 42,309 76 | 21,258 05 | 21,432 19 |
| Sewers—Repairing and Cleaning..... | 284 07 | 240 00 | 44 07 | 110,000 00 | 54,940 36 | 32,565 67 | 22,493 07 |
| Sewers—Repairing and Cleaning—Salaries..... | 37 | ..... | 37 | 9,000 00 | 4,775 00 | 2,149 00 | 2,076 00 |
| Sewerage System—Salaries..... | 29 | ..... | 29 | 15,000 00 | 7,565 79 | 3,089 72 | 4,344 49 |
| Steam Heating of the City Hall..... | 2,391 60 | ..... | 2,391 60 | ..... | ..... | ..... | ..... |
| Street Improvements—For Surveying, Monumenting, etc..... | 2,064 00 | ..... | 2,064 00 | 2,000 00 | 559 00 | 173 00 | 1,268 00 |
| Supplies for and Cleaning Public Offices..... | 8,178 19 | ..... | 8,178 19 | 127,000 00 | 51,812 29 | 42,082 03 | 33,108 18 |
| Supplies for and Cleaning Public Offices—Salaries..... | 42 09 | ..... | 42 09 | 28,400 00 | 13,670 96 | 6,627 23 | 8,101 81 |
| Surveys, Maps, etc., for Street Openings and New Streets..... | 3,729 56 | ..... | 3,729 56 | 15,000 00 | 7,465 55 | 3,035 10 | 4,499 35 |
| Supplying Water to Shipping and for Building, etc.—Salaries..... | 50 | ..... | 50 | 9,000 00 | 4,802 00 | 2,180 00 | 2,018 00 |
| Washington Market—Alterations and Rebuilding..... | 164 89 | ..... | 164 89 | ..... | ..... | ..... | ..... |
| Washington Market—Alterations and Rebuilding—Salaries..... | 127 00 | ..... | 127 00 | ..... | ..... | ..... | ..... |
| Water Meter Fund, No. 2..... | ..... | ..... | ..... | 10,000 00 | 10,000 00 | ..... | ..... |
| Water Supply for the Twenty-fourth Ward..... | 1,400 70 | ..... | 1,400 70 | 5,000 00 | 1,305 69 | 1,003 06 | 2,691 25 |
| Wells and Pumps—Repairing and Cleaning..... | 445 38 | ..... | 445 38 | 250 00 | 25 75 | ..... | 224 25 |
| Totals..... | \$90,526 77 | \$10,348 03 | \$80,178 74 | \$2,588,450 00 | \$828,826 28 | \$688,615 71 | \$1,071,010 51 |

* Public Drinking Hydrants—Credit voucher of Jacob Henningsen returned unpaid, \$467.99.
† Supplies for and Cleaning Public Offices—Credit Deduction on bill of Banks & Bros., \$2.50.

| TITLES OF TRUST ACCOUNTS. | Balances from 1884, and Receipts, First and Second Quarters, 1885. | Receipts, Third Quarter, 1885. | Requisitions, First Quarter, 1885. | Requisitions, Second Quarter, 1885. | Requisitions, Third Quarter, 1885. | Balances, October 1, 1885. |
|---|--|--------------------------------|------------------------------------|-------------------------------------|------------------------------------|----------------------------|
| Croton Water Fund..... | ..... | ..... | \$74,213 11 | \$98,220 47 | \$158,373 22 | ..... |
| Fund for Local Improvements..... | ..... | ..... | 214,993 81 | 219,755 22 | 294,832 03 | ..... |
| Restoring and Repaving—Special Fund—Department of Public Works..... | \$34,690 26 | \$10,510 00 | 6,797 00 | 10,806 62 | 13,509 65 | \$14,086 99 |
| Water Meter Fund, No. 2..... | 24,327 70 | 5,470 85 | 7,818 23 | 4,836 40 | 3,113 53 | 14,040 39 |

Statement of Bookkeeper, Department of Public Works, showing all Revenues of the City received through the Department during the First Three Quarters, 1885.

| SOURCE OF REVENUE. | FIRST AND SECOND QUARTERS. | THIRD QUARTER. | TOTALS. |
|---|-------------------------------|----------------|----------------|
| Water rents..... | \$811,893 80 | \$971,437 76 | \$1,783,331 56 |
| Water penalties..... | 4,990 15 | 3,153 70 | 8,143 85 |
| Pipe tapping..... | 5,404 50 | 3,000 50 | 8,405 00 |
| Sewer permits..... | 13,591 01 | 9,388 22 | 22,979 23 |
| Vault permits..... | 30,962 70 | 20,853 98 | 51,816 68 |
| Redemption and sale of street obstructions..... | 473 54 | 301 70 | 775 24 |
| Sales by auction..... | 1,413 05 | ..... | 1,413 05 |
| Rent of steam rollers, etc..... | 232 13 | 81 16 | 313 29 |
| Work and material furnished by city..... | 176 52 | 437 39 | 613 91 |
| Total..... | \$869,137 40 | \$1,008,654 41 | \$1,877,791 81 |
| Receipts from old accounts..... | ..... | ..... | \$276 88 |

C. T. McCLENACHAN, General Bookkeeper, D. P. W.

Document "B."

A Statement in Detail of all Liabilities for which Requisitions were drawn by the Department of Public Works on the Department of Finance, during the Quarter ending September 30, 1885.

APPROPRIATIONS.

| | |
|--|-------------|
| Aqueduct—Repairs, Maintenance and Strengthening, for 1884— | |
| Building waste-weir..... | \$470 70 |
| Stone..... | 325 00 |
| Total..... | \$795 70 |
| Aqueduct—Repairs, Maintenance and Strengthening, for 1885— | |
| Brick..... | \$921 75 |
| Building barn..... | 744 00 |
| “ waste-weir..... | 920 25 |
| Carpenter work..... | 332 60 |
| Cement..... | 97 50 |
| Coping..... | 207 59 |
| Ensign and halyards..... | 32 00 |
| Fence wire..... | 95 93 |
| Flange-pipe..... | 784 05 |
| Force pump..... | 70 26 |
| Horse-hire..... | 337 50 |
| Lumber..... | 3,274 82 |
| Mould..... | 250 00 |
| Pay-rolls..... | 51,090 32 |
| Plumbing repairs..... | 162 45 |
| Pressure gauges..... | 223 00 |
| Removing refuse..... | 55 62 |
| Repairing tools..... | 610 19 |
| Roofing..... | 84 17 |
| Sand..... | 1,200 00 |
| Seed..... | 23 00 |
| Stone..... | 8,201 90 |
| Supplies..... | 508 73 |
| Taxes..... | 21 57 |
| Tools..... | 155 12 |
| Traveling expenses..... | 443 46 |
| Valve springs..... | 25 27 |
| Wood..... | 56 75 |
| Total..... | \$70,929 80 |
| Boulevard, Roads and Avenues, Maintenance of, for 1885— | |
| Horse-hire..... | \$270 00 |
| Pay-rolls..... | 13,959 71 |
| Repairing sprinklers..... | 37 75 |
| Sand..... | 212 70 |
| Supplies..... | 54 01 |
| Total..... | \$14,534 17 |
| Bronx River Works—Maintenance and Repairing, for 1885— | |
| Pay rolls..... | \$2,877 50 |
| Contingencies—Department of Public Works, for 1885— | |
| Incidentals..... | \$100 00 |
| Postage stamps..... | 100 00 |
| Traveling expenses..... | 60 00 |
| Total..... | \$260 00 |
| Flagging Sidewalks and Fencing Vacant Lots, for 1885— | |
| Fourth avenue, north of Ninety-seventh street..... | \$29 00 |
| Fourth avenue and One Hundredth street..... | 69 80 |
| Total..... | \$98 80 |
| Free Floating Baths, for 1885— | |
| Carpenter work..... | \$2,765 23 |
| Duck caps..... | 45 00 |
| Horse-hire..... | 276 66 |
| Mooring baths..... | 74 75 |
| Painting baths..... | 2,170 00 |
| Repairing roofs..... | 561 62 |
| Supplies..... | 253 91 |
| Towing baths..... | 635 00 |
| Traveling expenses..... | 95 30 |
| Wharfage..... | 139 50 |
| Total..... | \$7,016 97 |
| Lamps and Gas and Electric Lighting, for 1885— | |
| Candles..... | \$60 00 |
| Columns..... | 285 00 |
| Crossheads..... | 805 00 |
| Gas examinations..... | 350 50 |
| Horse-hire..... | 110 00 |
| Lamp-globes..... | 1,021 25 |
| Lamp-irons..... | 369 00 |
| Lamp-posts..... | 1,391 91 |
| Lamps..... | 1,740 00 |
| Lettering globes..... | 60 00 |
| Pay-rolls..... | 513 00 |
| Register..... | 90 00 |
| Regulator..... | 35 00 |
| Rent of offices..... | 240 00 |
| Repairing lamp-tops..... | 112 50 |
| Street signs..... | 849 00 |
| Traveling expenses..... | 97 30 |

Lamps and Gas and Electric Lighting, for 1885—

| | |
|---|--------------|
| Lighting Armory, First Battery..... | \$20 55 |
| “ “ Second Battery..... | 63 75 |
| “ “ Seventh Regiment..... | 262 65 |
| “ “ Eighth “..... | 137 25 |
| “ “ Ninth “..... | 210 15 |
| “ “ Eleventh “..... | 78 90 |
| “ “ Twelfth “..... | 120 15 |
| “ “ Twenty-second Regiment..... | 379 68 |
| “ “ Sixty-ninth “..... | 83 72 |
| “ “ Seventy-first “..... | 123 76 |
| Bath, Battery..... | 27 90 |
| “ Gouverneur Slip..... | 18 15 |
| “ Duane street..... | 10 95 |
| “ Horatio street..... | 21 45 |
| “ Fifth street..... | 31 35 |
| “ Nineteenth street..... | 21 45 |
| “ Twenty-seventh street..... | 23 10 |
| “ Thirty-seventh street..... | 25 05 |
| “ Fifty-first street..... | 20 85 |
| “ One Hundred and Twelfth street..... | 13 20 |
| Brown-stone Building..... | 70 80 |
| City Hall..... | 693 30 |
| City Record Bindery..... | 1 05 |
| County Jail..... | 315 45 |
| Court, Civil, First District..... | 15 15 |
| “ “ Second “..... | 15 45 |
| “ “ Fourth “..... | 5 88 |
| “ “ Fifth “..... | 20 25 |
| “ “ Sixth “..... | 3 92 |
| “ “ Eighth “..... | 4 80 |
| “ “ Ninth “..... | 4 35 |
| “ “ Tenth “..... | 1 05 |
| Court, Police, First “..... | 147 15 |
| “ “ Second “..... | 87 90 |
| “ “ Third “..... | 16 38 |
| “ “ Fourth “..... | 83 86 |
| “ “ Fifth “..... | 5 55 |
| Court, Special Sessions..... | 15 15 |
| Court-house, New..... | 918 45 |
| “ Third District (clock)..... | 198 10 |
| Department of Public Works..... | 190 50 |
| “ Taxes and Assessments..... | 4 20 |
| Engine-house, High Bridge..... | 54 45 |
| “ Ninety-eighth street..... | 119 55 |
| Market, Catharine..... | 39 30 |
| “ Centre..... | 69 00 |
| “ Clinton..... | 108 30 |
| “ Essex..... | 25 06 |
| “ Fulton..... | 566 40 |
| “ Jefferson..... | 93 24 |
| “ Tompkins..... | 79 94 |
| “ Union..... | 5 85 |
| “ Washington..... | 464 25 |
| Office Assessment Commission..... | 4 20 |
| “ Corporation Attorney..... | 48 00 |
| “ Corporation Counsel..... | 75 75 |
| “ Receiver of Taxes..... | 136 80 |
| “ Photometrical Rooms..... | 30 42 |
| Repair Shop, Thirtieth street..... | 6 00 |
| “ Eighty-third street..... | 5 10 |
| “ One Hundred and Twenty-ninth street..... | 9 75 |
| Rivington Street Yard..... | 30 30 |
| South Gate-house..... | 40 50 |
| Streets, Brush Electric Illuminating Co..... | 22,205 00 |
| “ United States Electric Illuminating Co..... | 22,688 40 |
| “ Central Gas-light Co..... | 16,105 27 |
| “ Consolidated “..... | 79,424 94 |
| “ Equitable “..... | 4,448 31 |
| “ New York Mutual Gas-light Co..... | 1,088 76 |
| “ New York and New Jersey Globe Gas-light Co..... | 312 51 |
| “ Northern Gas-light Co..... | 11,796 69 |
| “ Yonkers “..... | 2,539 50 |
| Total..... | \$175,218 70 |

Laying Croton Pipes, for 1884—

| | |
|--|------------|
| Marion, Railroad and Eighth avenues, etc..... | \$3,403 89 |
| One Hundred and Forty-sixth, Bridge and One Hundred and Fortieth streets, etc..... | 2,983 67 |
| Total..... | \$6,387 56 |

Laying Croton Pipes, for 1885—

| | |
|--|-------------|
| Cast-iron pipe..... | \$33,836 45 |
| Changing taps, etc..... | 302 95 |
| Horse-hire..... | 162 00 |
| Laying pipe in Seventh avenue, between One Hundred and Thirty-third and One Hundred and Thirty-fourth streets..... | 236 10 |
| Laying pipe in Ninth avenue, between Ninety-third and Ninety-fourth streets..... | 354 60 |
| Laying pipe in Tenth avenue, between Ninety-fifth and Ninety-sixth streets..... | 116 30 |
| Laying pipe in St. Nicholas place, between One Hundred and Forty-eighth and One Hundred and Fiftieth streets..... | 371 80 |
| Laying pipe in Kingsbridge road, between One Hundred and Fifty-fifth and One Hundred and Ninetieth streets..... | 1,656 23 |
| Laying pipe in Seventy-fifth street, between Boulevard and Eleventh avenue..... | 269 80 |
| Laying pipe in Seventy-fifth street, between First and Second avenues..... | 238 60 |
| Laying pipe in One Hundred and Thirteenth street, between Fourth and Madison avenues..... | 215 75 |
| Laying pipe in One Hundred and Thirty-fourth street, between Eighth and St. Nicholas avenues..... | 234 40 |
| Laying pipe in One Hundred and Seventy-sixth street, between Washington and Riverside avenues..... | 184 85 |
| Laying pipe in Tiebout, Girard, Hall, etc., streets..... | 4,114 81 |
| Pay-rolls..... | 3,405 50 |
| Relaying gas-mains..... | 168 55 |
| Stop-cocks, hydrants, etc..... | 5,543 75 |
| Traveling expenses..... | 34 63 |
| Total..... | \$51,447 07 |

Public Buildings—Construction and Repairs, for 1884—

| | |
|----------------------|--------|
| New Court-house..... | \$5 00 |
|----------------------|--------|

Public Buildings—Construction and Repairs, for 1885—

| | |
|-----------------------------------|----------|
| Armory, Ninth Regiment..... | \$354 79 |
| “ Sixty-ninth Regiment..... | 98 55 |
| Brown-stone Building..... | 226 81 |
| Bureau Repairs and Supplies..... | 69 35 |
| City Hall..... | 763 96 |
| City Prison..... | 67 55 |
| County Jail..... | 159 83 |
| Court, Civil, First District..... | 4 40 |
| “ “ Second “..... | 394 54 |
| “ “ Fifth “..... | 62 00 |
| “ “ Tenth “..... | 83 15 |
| “ Police, First “..... | 9 60 |
| “ “ Third “..... | 291 40 |
| “ “ Fourth “..... | 19 25 |
| “ “ Fifth “..... | 2 44 |
| “ Superior..... | 550 29 |

Public Buildings—Construction and Repairs, for 1885—

| | |
|-----------------------------|------------|
| Court-house, Third District | \$8 43 |
| “ Seventh “ | 53 79 |
| “ New “ | 1,148 14 |
| Hall of Records | 33 63 |
| Market, Catharine | 1,930 00 |
| “ Centre | 339 21 |
| “ Essex | 90 73 |
| “ Tompkins | 346 50 |
| “ Washington | 57 12 |
| No. 49 Beekman street | 83 25 |
| No. 31 Chambers street | 380 49 |
| Stewart Building | 188 28 |
| Pay-rolls, Carpenters | 532 00 |
| Total | \$8,349 48 |

Public Drinking-hydrants, for 1885—

| | |
|--------------------|----------|
| Repairing hydrants | \$367 50 |
|--------------------|----------|

Removing Obstructions in Streets and Avenues, for 1885—

| | |
|-----------------------|------------|
| Removing obstructions | \$1,627 20 |
| “ trees | 441 00 |
| Traveling expenses | 98 90 |
| Total | \$2,167 10 |

Repairing and Renewal of Pipes, Stop-cocks, etc., for 1884—

| | |
|------------------|---------|
| Damage to boiler | \$37 83 |
|------------------|---------|

Repairing and Renewal of Pipes, Stop-cocks, etc., for 1885—

| | |
|----------------------------|-------------|
| Hydrant boxes | \$378 00 |
| “ caps | 284 00 |
| “ plugs | 210 00 |
| “ screws | 277 62 |
| Lowering mains | 571 80 |
| Pay-rolls | 32,947 50 |
| Repairing hydrants | 1,538 24 |
| Stop-cock covers, etc. | 252 50 |
| Stop-cocks, hydrants, etc. | 3,975 57 |
| Tapping cock boxes, etc. | 820 30 |
| Tools and supplies | 80 10 |
| Traveling expenses | 29 40 |
| Total | \$41,365 03 |

Repairs and Renewal of Pavements and Regrading—

| | |
|----------------------|--------------|
| Asphalt pavement | \$1,243 00 |
| Bridge-stone | 1,812 30 |
| Cutting stone blocks | 50 00 |
| Horse-keeping | 202 50 |
| Pay-rolls | 96,674 95 |
| Rent of lots | 34 71 |
| Repairing pavement | 1,886 43 |
| Repairing tools | 588 70 |
| Sand | 1,050 18 |
| Tools and supplies | 416 72 |
| Traveling expenses | 39 25 |
| Trucking stone | 98 00 |
| Total | \$104,096 74 |

Repaving Streets and Avenues, for 1884—

| | |
|---|------------|
| Fifth avenue, between Thirty-third and Thirty-seventh streets | \$459 02 |
| Ninth street, between Avenues B and D | 454 67 |
| Thirty-second street, between Ninth and Eleventh avenues | 497 26 |
| Rivington street, between Clinton street and East river | 797 13 |
| Water street, between Clinton and Corlears streets | 673 86 |
| Total | \$2,881 94 |

Repaving Streets and Avenues, for 1885—

| | |
|---|-------------|
| Twelfth street, between Second avenue and Avenue A | \$4,368 00 |
| Twenty-third and Thirty-sixth streets | 5,432 19 |
| One Hundred and Twenty-ninth street, between Seventh and Eighth avenues | 3,870 06 |
| Hester and Fourth streets | 5,432 00 |
| Leonard, Doyer, Baxter and Pearl streets | 3,297 00 |
| Mott street, between Canal and Chatham streets | 5,692 53 |
| Mulberry and Park streets | 5,890 71 |
| Sullivan street, between Third and Canal streets | 4,725 00 |
| Thompson street, between Canal and Bleecker streets | 10,204 69 |
| Surveyor's fees | 1,547 56 |
| Total | \$50,519 74 |

Roads, Streets and Avenues, Unpaved—Maintenance, etc., for 1885—

| | |
|--------------|------------|
| Broken stone | \$191 40 |
| Pay-rolls | 8,458 98 |
| Screenings | 490 70 |
| Total | \$9,141 08 |

Sewers—Repairing and Cleaning, for 1884—

| | |
|------------------|----------|
| Repairing sewers | \$240 00 |
|------------------|----------|

Sewers—Repairing and Cleaning, for 1885—

| | |
|--------------------------|-------------|
| Basin-heads | \$565 00 |
| Cast-iron sleeves | 56 68 |
| Cement | 77 70 |
| Horse-keeping | 99 00 |
| Horse-hire | 243 00 |
| Hydraulic pipe | 52 73 |
| Manhole heads and covers | 730 20 |
| Pay-rolls | 12,764 37 |
| Relaying pipe | 116 22 |
| Removing basin-heads | 31 00 |
| Repairing basins | 2,154 15 |
| “ manholes | 1,066 06 |
| “ sewers | 13,957 03 |
| Sand and brick | 105 00 |
| Sewer pipe | 171 00 |
| Supplies | 72 28 |
| Traveling expenses | 304 25 |
| Total | \$32,565 67 |

Street Improvements—For Surveying, Monumenting and Numbering Streets, for 1885—

| | |
|--------------------|----------|
| Pay-rolls | \$153 00 |
| Resetting monument | 20 00 |
| Total | \$173 00 |

Supplies for and Cleaning Public Offices, for 1885—

| | |
|--------------------------------|----------|
| Armory, Twenty-second Regiment | \$13 14 |
| “ Seventy-first Regiment | 47 80 |
| Brown-stone Building | 224 73 |
| Bureau Repairs and Supplies | 2,682 43 |
| City Hall | 5,440 98 |
| City Prison | 10 85 |
| Court, Civil, First District | 41 11 |
| “ “ Second “ | 154 54 |

Supplies for and Cleaning Public Offices, for 1885—

| | |
|-------------------------------|-------------|
| Court, Civil, Third District | \$37 47 |
| “ “ Fourth “ | 1 07 |
| “ “ Fifth “ | 71 |
| “ “ Sixth “ | 21 20 |
| “ “ Seventh “ | 10 85 |
| “ “ Eighth “ | 30 57 |
| “ “ Ninth “ | 39 62 |
| “ “ Tenth “ | 1 07 |
| “ “ Eleventh District | 36 57 |
| “ Police, First “ | 35 78 |
| “ “ Second “ | 102 43 |
| “ “ Third “ | 38 67 |
| “ “ Fourth “ | 49 50 |
| “ “ Fifth “ | 2 14 |
| “ “ Sixth “ | 9 57 |
| “ General Sessions | 66 00 |
| “ Special Sessions | 32 14 |
| “ Superior | 2,314 71 |
| “ Supreme | 8,988 36 |
| Court-house, New | 245 27 |
| “ Third District | 3 25 |
| “ Seventh District | 11 00 |
| Department of Finance | 5,241 71 |
| “ Public Works | 229 44 |
| “ Taxes and Assessments | 40 73 |
| Dog Pound | 26 37 |
| Governor's Room | 876 16 |
| Market, Fulton | 15 00 |
| “ Jefferson | 75 00 |
| “ Washington | 247 00 |
| Office, Assessment Commission | 2 19 |
| “ Commissioners of Accounts | 23 75 |
| “ Corporation Attorney | 10 98 |
| “ Corporation Counsel | 36 35 |
| “ County Clerk | 12 00 |
| “ District Attorney | 206 84 |
| “ Mayor | 68 25 |
| “ Surrogate | 287 48 |
| Pay-rolls | 13,923 25 |
| Total | \$42,082 03 |

Surveys, Maps, etc., for Street Openings—

| | |
|-----------|------------|
| Pay-rolls | \$3,035 10 |
|-----------|------------|

Water Supply for the Twenty-fourth Ward, for 1885—

| | |
|-----------------|------------|
| Supply of water | \$1,003 06 |
|-----------------|------------|

Iron Bridge over Fourth Avenue, at Ninety-eighth Street, for 1885—

| | |
|-----------|----------|
| Pay-rolls | \$382 00 |
|-----------|----------|

RECAPITULATION OF APPROPRIATIONS.

| | |
|--|--------------|
| Aqueduct—Repairs, Maintenance, etc., for 1884 | \$795 70 |
| Aqueduct—Repairs, Maintenance, etc., for 1885 | 70,929 80 |
| Aqueduct—Repairs, Maintenance, etc.—Salaries | 5,901 02 |
| Boulevard, Roads and Avenues, Maintenance of, for 1885 | 14,534 17 |
| Boulevard, Roads and Avenues, Maintenance of—Salaries | 711 29 |
| Bronx River Works—Maintenance and Repairing, for 1885 | 2,877 50 |
| Bronx River Works—Maintenance and Repairing—Salaries | 300 00 |
| Contingencies—Department of Public Works, for 1885 | 260 00 |
| Flagging Sidewalks and Fencing Vacant Lots, for 1885 | 98 80 |
| Free Floating Baths, for 1885 | 7,016 97 |
| Free Floating Baths—Salaries | 8,322 00 |
| Iron Bridge over Fourth Avenue, at Ninety-eighth Street, for 1885 | 382 00 |
| Lamps and Gas and Electric Lighting, for 1885 | 175,218 70 |
| Lamps and Gas and Electric Lighting—Salaries | 1,383 32 |
| Laying Croton Pipes, for 1884 | 6,387 56 |
| Laying Croton Pipes, for 1885 | 51,447 07 |
| Laying Croton Pipes—Salaries | 3,551 00 |
| Public Buildings—Construction and Repairs, for 1884 | 5 00 |
| Public Buildings—Construction and Repairs, for 1885 | 8,349 48 |
| Public Drinking-hydrants, for 1885 | 367 50 |
| Removing Obstructions in Streets and Avenues, for 1885 | 2,167 10 |
| Removing Obstructions in Streets and Avenues—Salaries | 808 99 |
| Repairing and Renewal of Pipes, Stop-cocks, etc., for 1884 | 37 83 |
| Repairing and Renewal of Pipes, Stop-cocks, etc., for 1885 | 41,365 03 |
| Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries | 11,283 15 |
| Repairs and Renewal of Pavements and Regrading, for 1885 | 104,096 74 |
| Repairs and Renewal of Pavements and Regrading—Salaries | 2,438 50 |
| Repaving Streets and Avenues, for 1884 | 2,881 94 |
| Repaving Streets and Avenues, for 1885 | 50,519 74 |
| Repaving Streets and Avenues—Salaries | 981 00 |
| Roads, Streets and Avenues, Unpaved—Maintenance, etc., for 1885 | 9,141 08 |
| Salaries—Department of Public Works, for 1885 | 21,258 05 |
| Sewers—Repairing and Cleaning, for 1884 | 240 00 |
| Sewers—Repairing and Cleaning, for 1885 | 32,565 67 |
| Sewers—Repairing and Cleaning—Salaries | 2,149 00 |
| Sewerage System—Salaries, for 1885 | 3,089 72 |
| Street Improvements—For Surveying, Monumenting, etc., for 1885 | 173 00 |
| Supplies for and Cleaning Public Offices, for 1885 | *42,082 03 |
| Supplies for and Cleaning Public Offices—Salaries | 6,627 23 |
| Surveys, Maps, etc., for Street Openings and New Streets, for 1885 | 3,035 10 |
| Supplying Water to Shipping, etc.—Salaries | 2,180 00 |
| Water Supply for the Twenty-fourth Ward, for 1885 | 1,003 06 |
| Total | \$698,963 74 |

*Canceled as overcharge—Bill of Banks & Bros.

Voucher for Repairing Hydrants drawn during quarter ending June 30, 1885, returned from Finance Department during third quarter.

Deduct

Requisitions chargeable to third quarter.

FUNDS AND TRUST ACCOUNTS.

CROTON WATER FUND.

| | |
|-----------------------------------|--------------|
| Building fence | \$144 40 |
| Building reservoir—Bronx river | 33,229 89 |
| Building reservoir—Williamsbridge | 59,193 00 |
| Counsel fees | 3,767 00 |
| Drawing implements | 321 89 |
| Fence wire | 56 25 |
| Horse-hire | 137 50 |
| Horse-keeping | 238 50 |
| Land | 20,415 00 |
| Lumber | 17 60 |
| Oil | 282 65 |
| Paint | 130 00 |
| Pay-rolls | 31,202 99 |
| Professional services | 7,026 57 |
| Rent of mill seat | 300 00 |
| Rent of office | 295 00 |
| Repairing instruments | 103 88 |
| Resetting trees | 285 00 |
| Stakes | 150 00 |
| Stenographing | 130 00 |
| Traveling expenses | 946 10 |
| Total | \$158,373 22 |

| RESTORING AND PAVING. | |
|--------------------------|--------------------|
| Pay-rolls | \$1,104 00 |
| Repaving, etc. | 12,023 00 |
| Sand | 370 00 |
| Traveling expenses | 12 65 |
| Total | \$13,509 65 |

| STREET IMPROVEMENT FUND. | |
|--|-------------|
| Flagging— | |
| Sixth avenue, between One Hundred and Twenty-fifth and One Hundred and Forty-fifth streets | \$4,823 55 |
| Tenth avenue, between One Hundred and Seventh and One Hundred and Tenth streets | 172 88 |
| Boulevard, between Sixty-seventh and Seventy-fifth streets | 388 00 |
| | \$5,384 43 |
| Paving— | |
| First avenue, between Ninety-second and One Hundred and Ninth streets | \$53,340 00 |
| St. Nicholas place, between One Hundred and Fifty-fifth street and St. Nicholas avenue | 11,201 01 |
| Seventieth street, between Avenue A and six hundred and fifty feet east | 1,849 26 |
| Seventy-third street, between Eighth and Ninth avenues | 3,625 70 |
| Eighty-first street, between First avenue and Avenue A | 210 47 |
| Eighty-second street, between Eighth and Ninth avenues | 1,705 30 |
| Eighty-ninth street, between Second and Fifth avenues | 13,329 82 |
| One Hundred and Eleventh street, between Seventh and St. Nicholas avenues | 227 96 |
| One Hundred and Fifteenth street, between Fifth and Sixth avenues | 7,452 55 |
| One Hundred and Fifty-second street, between St. Nicholas place and St. Nicholas avenue | 702 26 |
| One Hundred and Fifty-third street, between St. Nicholas place and St. Nicholas avenue | 960 16 |
| One Hundred and Fifty-third street, between Tenth and St. Nicholas avenues | 3,810 33 |
| | \$98,414 82 |

| | |
|---|---------|
| Receiving-basins— | |
| Lexington avenue, southwest corner Seventy-eighth street | \$8 40 |
| Beaver street, northeast corner William street | 5 10 |
| Twenty-sixth street, between First avenue and East river | 10 80 |
| One Hundred and Twenty-third street, southwest corner Fourth avenue | 6 45 |
| | \$30 75 |

| | |
|---|---------------------|
| Regulating, Grading, etc.— | |
| Eleventh avenue, between Kingsbridge road and Dyckman street | \$14,915 25 |
| West End avenue, between Seventy-second street and Boulevard | 14,308 00 |
| Fort Washington Ridge road, between Eleventh avenue and Kingsbridge road | 15,785 00 |
| Kingsbridge road, between One Hundred and Fifty-fifth and One Hundred and Ninetieth streets | 16,887 50 |
| Fifty-third street, between Tenth and Eleventh avenues | 200 00 |
| Seventy-fourth street, between Eighth and Riverside avenues | 11,081 48 |
| Eighty-fifth street, between Ninth and Tenth avenues | 1,916 70 |
| Ninety-first street, between Third and Fourth avenues | 961 97 |
| Ninety-third street, between West End and Riverside avenues | 6,501 60 |
| Ninety-fourth street, between Boulevard and Riverside avenue | 2,037 00 |
| Ninety-fifth street, between Ninth and Tenth avenues | 210 00 |
| Ninety-ninth street, between Eleventh and Riverside avenues | 2,362 50 |
| One Hundredth street, between Third and Fourth avenues | 228 75 |
| One Hundred and First street, between Fourth and Fifth avenues | 225 75 |
| One Hundred and First street, between Third and Fourth avenues | 8,000 85 |
| One Hundred and Third street, between Tenth and Riverside avenues | 3,360 14 |
| One Hundred and Fourth street, between Boulevard and Riverside avenues | 5,569 17 |
| One Hundred and Twelfth street, between Sixth and Madison avenues | 335 00 |
| One Hundred and Seventeenth street, between Fourth and Fifth avenues | 225 75 |
| One Hundred and Seventeenth street, between Sixth and Seventh avenues | 3,826 81 |
| One Hundred and Eighteenth street, between Fourth and Sixth avenues | 2,254 00 |
| One Hundred and Twenty-second street, between Fourth and Madison avenues | 109 50 |
| One Hundred and Twenty-sixth street, between First and Second avenues | 172 50 |
| One Hundred and Twenty-sixth street, between Tenth avenue and Boulevard | 1,225 00 |
| One Hundred and Thirty-fourth street, between Eighth and St. Nicholas avenues | 89 63 |
| One Hundred and Thirty-fifth street, between Eighth and St. Nicholas avenues | 101 38 |
| One Hundred and Forty-first street, between Seventh and Eighth avenues | 207 50 |
| One Hundred and Fifty-third street, between Seventh and New avenues | 1,456 00 |
| One Hundred and Sixty-second street, between Tenth and Edgcomb avenues | 6,973 62 |
| Total | \$121,528 25 |

| | |
|--|--------------------|
| Sewers— | |
| First avenue, between Forty-eighth and Forty-ninth streets | \$59 45 |
| Fourth avenue, between Twenty-seventh and Thirtieth streets | 399 99 |
| Eighth avenue, between One Hundred and Fourteenth and One Hundred and Sixteenth streets | 2,470 11 |
| Tenth avenue, between One Hundred and Sixty-second and One Hundred and Seventieth streets | 5,587 40 |
| Lexington avenue, between Ninety-fifth and Ninety-seventh streets | 2,134 47 |
| West End avenue, between Seventy-sixth and Eighty-ninth streets | 1,330 50 |
| Beekman place, between Forty-ninth and Fifty-first streets | 114 60 |
| Beekman place, between one hundred and fifty and one hundred and seventy feet ten inches south of Fifth avenue | 6 25 |
| Kingsbridge road, between One Hundred and Fifty-fifth and One Hundred and Fifty-sixth streets | 1,845 20 |
| Bethune street, between West street and Hudson river | 501 50 |
| Front street, between Broad and Whitehall streets | 106 80 |
| Macdougal street, between Fourth street and Washington place | 29 25 |
| Fifteenth street, between Fourth street and Irving place | 93 50 |
| Eighteenth street, between Second and Third avenues | 28 80 |
| Forty-seventh street, at East river | 30 55 |
| Fifty-second street, between Third and Lexington avenues | 20 00 |
| Sixty-sixth street, between Eighth and Ninth avenues | 5,394 62 |
| Seventy-second street, between First and Second avenues | 16 50 |
| Eighty-fourth street, between Tenth and Riverside avenues | 3,138 63 |
| Eighty-fifth street, between Ninth and Tenth avenues | 2,700 20 |
| Eighty-sixth street, between Tenth and Riverside avenues | 378 60 |
| Eighty-eighth street, between Fifth and Madison avenues | 7,056 76 |
| Eighty-eighth, Eighty-ninth and Ninetieth streets, between Eighth and Ninth avenues | 6,510 00 |
| Ninety-seventh street, between Third and Fourth avenues | 147 30 |
| One Hundred and First street, between Ninth avenue and Manhattan street | 87 00 |
| One Hundred and Fourth street, between Tenth avenue and Boulevard | 1,653 80 |
| One Hundred and Twelfth, One Hundred and Thirteenth and One Hundred and Fourteenth streets, between Eighth and New avenues, West | 354 00 |
| One Hundred and Twenty-third street, between Ninth avenue and Manhattan street | 87 30 |
| One Hundred and Twenty-seventh street, between Convent avenue and Lawrence street | 169 20 |
| One Hundred and Thirty-first street, between Sixth and Seventh avenues | 203 10 |
| One Hundred and Thirty-fourth street, between Sixth and Seventh avenues | 338 85 |
| One Hundred and Forty-first street, between Tenth and St. Nicholas avenues | 3,634 75 |
| One Hundred and Forty-fifth street, between Tenth and St. Nicholas avenues | 309 60 |
| One Hundred and Forty-fifth street, between Tenth avenue and Boulevard | 2,737 89 |
| Total | \$49,676 47 |

| WATER-METER FUND, NO. 2. | |
|------------------------------|-------------------|
| Setting water-meters | \$901 03 |
| Supplying water-meters | 2,212 50 |
| Total | \$3,113 50 |

| RECAPITULATION OF FUNDS, TRUST ACCOUNTS, ETC. | |
|--|---------------------|
| Croton Water Fund | \$158,373 22 |
| Restoring and Repaving (Special Fund) | 13,509 65 |
| Street Improvement Fund— | |
| Flagging | \$5,384 43 |
| Paving | 98,414 82 |
| Pay-rolls, Engineers, Regulating, Grading, etc. | 481 67 |
| “ Engineers, Sewers | 7,339 68 |
| “ Inspectors, Paving | 1,550 50 |
| “ Inspectors, Regulating, Grading, etc. | 3,507 00 |
| “ Inspectors, Sewers | 2,900 00 |
| Receiving-basins | 30 75 |
| Regulating, grading, etc. | 121,528 25 |
| Sewers | 49,676 47 |
| Surveyors' fees | 4,018 46 |
| Water-meter Fund, No. 2 | 294,832 03 |
| Total | \$469,828 43 |

| GENERAL SUMMARY. | |
|----------------------------------|-----------------------|
| Appropriations | \$698,493 25 |
| Funds, Trust Accounts, etc. | 469,828 43 |
| Total | \$1,168,321 68 |

Document “C.”

Contracts Entered Into during the Three Months ending September 30, 1885.

| DATE. | NATURE AND LOCATION OF WORK. | CONTRACTOR. | SURETIES. | ESTIMATED COST. |
|----------|---|---|--|-----------------|
| 1885. | <i>Sewer Contracts.</i> | | | |
| July 6 | Sewer (repair) in Ninety-eighth street, between Second and Third avenues | Joseph Moore, 180 East 88th st. | Geo. H. Toop, 421 E. 88th street ... S. Warshing, 15 East 90th street .. | \$1,687 50 |
| | <i>Repaving Contracts (under chapter 476, Laws of 1875).</i> | | | |
| “ 30 | Paving Leonard street, from Elm to Baxter street, Doyer street, from Pell to Chatham street, Baxter street, from Leonard to Walker street, and Pell street, from Broadway to Mott street, with trap-block pavement | Thomas Gearty, 135 East 83d street .. | Thomas Ryan, 858 Third avenue ... Timothy Dwyer, 406 East 66th street .. | \$8,048 12 |
| “ 30 | Paving Twenty-fifth street, from Second to Third avenue, and Thirty-sixth street, from First to Second avenue, with trap-block pavement | Thomas Gearty, 135 East 83d street .. | Thomas Ryan, 858 Third avenue ... Timothy Dwyer, 406 East 66th street .. | 5,864 41 |
| “ 30 | Paving Thames street, from Broadway to Greenwich street, Jersey street, from Crosby to Mulberry street, Essex Market place, from Essex to Ludlow street, Duane street, from William to Rose street, Batavia street, from Roosevelt to James street, Chestnut street, from Madison to Oak street, Albany street, from Greenwich to Washington street, with trap-block pavement | P. H. Fitzgerald, 423 W. 135th street .. | Charles Guidet, 41 Park avenue And. Kiernan, 506 W. 36th street .. | 5,749 12 |
| “ 30 | Paving Sullivan street, from Third to Canal street, with trap-block pavement | P. H. Fitzgerald, 428 W. 135th street .. | Charles Guidet, 41 Park avenue And. Kiernan, 506 W. 36th street .. Thomas Maloney, 457 W. 32d street ... | 12,518 66 |
| “ 24 | Paving Eleventh street, from Avenue B to Avenue D, with trap-block pavement | M. Shannon, 129th street and Hoboken avenue .. | Thomas Maloney, 457 W. 32d street ... Thomas Gearty, 135 East 83d street .. Henry Kelly, 422 West 42d street .. | 5,749 12 |
| “ 27 | Paving Fifth street, from Bowery to Lewis street, with granite-block pavement | W. Kelly, 609 West 47th street .. | James Fitzpatrick, 529 West 42d street .. Henry Kelly, 422 West 42d street .. | 26,274 00 |
| “ 27 | Paving Ninth street, from Avenue A to First avenue, and Thirty-sixth street, from Third to Lexington avenue, with granite-block pavement | W. Kelly, 609 West 47th street .. | James Fitzpatrick, 529 West 42d street .. Henry Kelly, 422 West 42d street .. | 6,650 75 |
| Aug. 27 | Paving Fourth street, from Bowery to Avenue B, with granite-block pavement | William Kelly, 609 West 47th street .. | Henry Kelly, 422 West 42d street .. James Fitzpatrick, 529 West 42d street .. | 15,834 18 |
| “ 27 | Paving Forty-seventh street, from Tenth to Eleventh avenue, with granite-block pavement | William Kelly, 609 West 47th street .. | Henry Kelly, 422 West 42d street .. James Fitzpatrick, 529 West 42d street .. | 4,964 79 |
| “ 27 | Paving Monroe street, from Catharine to Clinton street, with granite-block pavement | Francis McCullough, 240 E. 78th street ... | Thomas Regan, 858 Third avenue ... Thomas Gearty, 135 East 83d street .. | 13,840 50 |
| Sept. 3 | Paving Tenth avenue, from Fifty-ninth to Sixt -fourth street, with granite-block pavement | John B. Devlin, 14 Henderson place .. | Ransom Parker, Jr., 221 W. 11th street ... Thomas Gearty, 135 East 83d street .. | 17,947 52 |
| | <i>Laying Water Mains.</i> | | | |
| July 17 | Laying water-mains in Tiebout, Gerard, Hull, Anthony, Fleetwood and Morris avenues, and in One Hundred and Seventy-sixth, One Hundred and Seventieth, One Hundred and Thirty-sixth, One Hundred and Thirty-first, One Hundred and Ninety-fifth, Sixty-sixth, Summit, Anthony and Rockfield streets | James J. Conner, 312 E. 120th street .. | Patrick F. Ferrigan, 220 East 62d street ... John T. McDonald, 229 East 62d street .. | \$13,609 00 |
| “ 22 | Laying water-mains in Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninetieth street | Allen and O'Maley, 162 street and 10th avenue | Solomon Jacobs, 105 East Broadway .. Morris Rosendorff, 52 Eldridge st. | 11,348 00 |
| | <i>Miscellaneous Contracts.</i> | | | |
| Aug. 17 | Resurfacing with broken trap-rock, lime rock screenings and gravel, the roadway of Western Boulevard, from Circle at Fifty-ninth street to Seventieth street | George F. Doak, Broadway and 129th street | Theo. F. Tone, 245 West 126th street .. Ransom Parker, Jr., 221 West 11th street .. | \$15,040 00 |
| Sept. 16 | Furnishing the Department of Public Works and the public buildings and offices in care of said Department with ice, for the eight months ending December 31, 1885 | Ransom Parker, 221 W. 11th street .. | H. H. W. Neslage, 175 Perry street James Snodgrass, 403 West street Robert B. Carpenter, 41 Jay street | 1,288 00 |
| “ 16 | Furnishing the Department of Public Works with lumber | James V. Lawrence, Yonkers, N. Y. | David B. Duncan, 111 Broadway | 4,158 62 |
| | | | | \$20,486 62 |

| RECAPITULATION. | |
|-------------------------------------|---------------------|
| 1 Sewer Contract | \$1,687 50 |
| 11 Paving Contracts | 123,441 17 |
| 2 Laying Water-main Contracts | 24,937 00 |
| 3 Miscellaneous Contracts | 20,486 62 |
| Total | \$170,552 29 |

Contracts Completed during the Three Months ending September 30, 1885.

| DATE. | NATURE AND LOCATION OF WORK. | EST. COST. |
|--|---|--------------|
| 1885. | | |
| July 3 | Paving Eighty-second street, from Eighth to Ninth avenue, with granite trap-block pavement. | \$6,769 53 |
| " 3 | Paving One Hundred and Fifty-third street, from Tenth avenue to Avenue St. Nicholas, with granite-block pavement. | 4,198 06 |
| " 3 | Sewer in One Hundred and Fourth street, between Tenth avenue and Boulevard. | 2,196 28 |
| " 3 | Regulating and grading, etc., One Hundred and Seventeenth street, from Sixth to Seventh avenue. | 6,908 22 |
| " 9 | Regulating and grading, etc., Ninety-first street, from Third to Fourth avenue. | 1,688 51 |
| " 9 | Paving One Hundred and Fifteenth street, from Fifth to Sixth avenue, with granite-block pavement. | 8,084 12 |
| " 9 | Paving Seventy-third street, from Ninth avenue to about 225 feet west of Eighth avenue, with granite-block pavement. | 4,040 48 |
| " 21 | Sewer in Eighty-fourth street, between Tenth and Riverside avenues. | 11,276 62 |
| " 21 | Sewer in Eighty-fifth street, between Ninth and Tenth avenues. | 11,753 80 |
| " 22 | Sewer in Kingsbridge road, between One Hundred and Fifty-fifth and One Hundred and Fifty-sixth streets. | 2,416 49 |
| " 22 | Regulating and grading, etc., One Hundred and Third street, from Tenth avenue to Riverside Drive. | 13,086 21 |
| Aug. 13 | Regulating and grading, etc., Eighty-fifth street, from Ninth to Tenth avenue. | 2,318 13 |
| " 15 | Regulating and grading, etc., One Hundred and First street, from Third to Fourth avenues. | 27,399 59 |
| " 17 | Regulating and grading, etc., One Hundred and Fourth street, from Boulevard to Riverside Drive. | 9,552 65 |
| " 20 | Paving One Hundred and Fifty-second street, from St. Nicholas place to Avenue St. Nicholas, with macadam pavement. | 856 61 |
| " 20 | Paving One Hundred and Fifty-third street, from St. Nicholas place to Avenue St. Nicholas, with macadam pavement. | 1,132 14 |
| " 20 | Paving St. Nicholas place, from One Hundred and Fifty-fifth street to intersection of St. Nicholas place with Avenue St. Nicholas. | 11,960 06 |
| " 20 | Sewer in Sixty-sixth street, between Eighth and Ninth avenues. | 11,020 04 |
| " 28 | Sewer in One Hundred and Forty-fifth street, between Boulevard and Tenth avenue, and in Tenth avenue, between One Hundred and Forty-fifth and One Hundred and Forty-sixth streets. | 8,773 67 |
| " 28 | Regulating and grading One Hundred and Sixty-second street, from Tenth avenue to Edgecomb avenue. | 13,774 31 |
| " 31 | Sewer in Eighty-eighth street, between Madison and Fifth avenues, and in Madison avenue, between Eighty-seventh and Ninety-first streets. | 15,133 56 |
| Sept. 8 | Paving Eighty-ninth street, from Second to Fifth avenue, with Belgian or trap-block pavement. | 15,035 22 |
| " 9 | Regulating and grading, etc., Seventy-fourth street, from Eighth avenue to Riverside Drive. | 36,633 70 |
| " 10 | Sewer in Eighth avenue, between One Hundred and Fourteenth and One Hundred and Sixteenth streets. | 3,538 14 |
| " 15 | Paving First avenue, from Ninety-second to One Hundred and Ninth street, with granite-block pavement. | 79,909 92 |
| " 21 | Regulating and grading, etc., Ninety-fifth street, from Tenth avenue to Riverside Drive. | 118,646 42 |
| July 1 | Painting eleven free floating-baths. | 2,200 00 |
| " 9 | Roofing the two Catharine Market roofs. | 1,930 00 |
| " 11 | Laying water-mains in Marion, Railroad, Eighth, Seventh, Morris, Sedgwick and Tenth avenues. | 23,080 04 |
| " 11 | Reservoir on Bronx river. | 279,715 69 |
| " 14 | Furnishing and delivering composition tapping cocks, plugs and cast-iron tapping cock boxes. | 1,745 50 |
| " 30 | Fitting-up Department of Finance. | 8,800 00 |
| " 31 | Furnishing lumber to the Department of Public Works. | 2,041 00 |
| Aug. 3 | Laying water-mains in One Hundred and Forty-sixth, Bridge, One Hundred and Fortieth, Ninety-fourth, One Hundred and Twenty-eighth, One Hundred and Thirtieth and One Hundred and Forty-fifth streets, and in Linden, Anderson, Marcher, Claremont, Sixth and Union avenues and Avenue St. Nicholas. | 8,013 38 |
| " 10 | Furnishing and delivering stop-cocks, hydrants and stop-cock boxes and covers. | 3,036 50 |
| " 6 | Paving One Hundred and Twenty-ninth street, from Seventh to Eighth avenue, with trap-block pavement. | 4,137 66 |
| Sept. 17 | Furnishing and delivering stop-cocks, stop-cock boxes and hydrants. | 4,607 50 |
| " 19 | Furnishing and delivering cast-iron water-pipes, branch pipes and special castings. | 46,527 93 |
| " 2 | Paving Thompson street, from Canal to Bleeker street, with trap-block pavement. | 10,979 19 |
| " 11 | Paving Twenty-fifth street, from Second to Third avenue, and Thirty-sixth street, from First to Second avenue, with trap-block pavement. | 5,853 29 |
| " 19 | Paving Mulberry street, from Park to Canal street, and Park street, from Centre to Pearl street, and from Mott to Mulberry street, with granite-block pavement. | 5,830 00 |
| " 19 | Paving Mott street, from Canal to Chatham street, with granite-block pavement. | 5,740 53 |
| | | \$842,901 59 |
| RECAPITULATION. | | |
| 8 Sewer Contracts..... | \$66,108 60 | |
| 9 Regulating, Grading, etc., Contracts..... | 230,507 74 | |
| 14 Paving Contracts (under chapter 476, Laws of 1875)..... | 104,587 71 | |
| 2 Laying Water-main Contracts..... | 31,093 42 | |
| 9 Miscellaneous Contracts..... | 350,604 12 | |
| 42 Contracts..... | \$842,901 59 | |

Document "D."

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF CHIEF ENGINEER, NO. 31 CHAMBERS STREET, ROOM 10,
NEW YORK, October 5, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—In compliance with your instructions, I submit the following report for the quarter ending September 30, 1885:

EXPENDITURES.

| | |
|---|--------------|
| Aqueduct—Repairs, Maintenance and Strengthening | \$71,831 75 |
| Aqueduct—Repairs, Maintenance and Strengthening—Salaries..... | 5,901 92 |
| Bronx River Works—Maintenance and Repairing | 2,877 50 |
| Bronx River Works—Maintenance and Repairing—Salaries..... | 300 00 |
| Croton Water Fund..... | 182,451 58 |
| Contingencies—Department of Public Works..... | 100 00 |
| Iron Bridge over Fourth Avenue, at Ninety-eighth street..... | 764 00 |
| Laying Croton Pipes | 58,531 13 |
| Laying Croton Pipes—Salaries | 3,551 00 |
| Repairing and Renewal of Pipes, Stop-cocks, etc. | 8,455 36 |
| Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries | 9,044 50 |
| Shipping and Building—Salaries | 2,180 00 |
| Water-meter Fund, No. 2..... | 3,113 53 |
| Water Supply, Twenty fourth Ward | 1,003 06 |
| Total | \$350,105 33 |

STORAGE RESERVOIRS.

The Croton river furnished a full supply to the Aqueduct for only five (5) days. Storage has been drawn as follows:

| From— | Gallons. |
|--------------------------------|---------------|
| Boyd's Corners Reservoir | 1,640,000,000 |
| South East Reservoir..... | 1,590,000,000 |
| Kirk Lake..... | 510,000,000 |
| Barrett Pond..... | 210,000,000 |
| Lake Mahopac..... | 170,000,000 |
| Kensico Reservoir | 100,000,000 |
| Rye Ponds Reservoir..... | 600,000,000 |
| Total drawn..... | 4,820,000,000 |

The drought still continues and the rain-fall is six (6) inches below the average.

Rain-fall—Inches.

| | JULY. | AUGUST. | SEPTEMBER. | TOTAL. |
|--------------------------------|-------|---------|------------|--------|
| Boyd's Corners Reservoir | 5.27 | 7.35 | 1.09 | 13.71 |
| South East Reservoir..... | 4.94 | 6.52 | 1.19 | 12.65 |
| Kensico Reservoir..... | 4.33 | 6.28 | 0.86 | 11.47 |
| Croton Dam..... | 4.87 | 7.07 | 1.13 | 13.07 |
| Central Park Reservoir | 4.26 | 6.41 | 0.47 | 11.14 |

BRONX RIVER SUPPLY.

The Commissioners appointed to appraise damages on the Bronx river, from White Plains to Bronxville, are holding regular meetings.

The maps, searches, etc., are now being made for the Bronx river below Bronxville.

The work on the reservoir is progressing as fast as is consistent with the stability of the work.

The conduit has furnished a supply of 10,000,000 gallons of water daily, except for two weeks, when the supply was shut off to repair distributing pipes.

AQUEDUCT—REPAIRS, MAINTENANCE AND STRENGTHENING.

Contracts for furnishing lumber for the Aqueduct, and relaying pavements around the Forty-second street Reservoir have been made.

Contracts for furnishing stone and cement have been completed.

Owing to a bad break in the Aqueduct on the Sixth Division, near Van Courtland Station, water was shut off on the 11th of September; the necessary cleaning and repairs were made and water again started on Tuesday, the 15th of September. The break was repaired, and a large leak at Dobb's Ferry, which has been running over twenty years, stopped.

Amount of Work done during the Quarter.

| DIVISIONS. | Earth Excavation. | Loose Rock Excavation. | Stone Quarried. | Stone Cutting. | Cut Stone Masonry. | Rubble Masonry. | Dry Masonry. | Brick Masonry. | Paving. | Masonry Pointed. | Fence Built. | Fence Repaired. | Aqueduct Searching. | Sodding. |
|-------------------|-------------------|------------------------|-----------------|----------------|--------------------|-----------------|--------------|----------------|-----------|------------------|--------------|-----------------|---------------------|----------|
| | Cubic Yds. | Cubic Yds. | Cubic Yds. | Cubic Feet. | Cubic Feet. | Cubic Yds. | Cubic Yds. | Cubic Yds. | Sq. Feet. | Sq. Feet. | Lineal Feet. | Lineal Feet. | Lineal Feet. | Sq. Yds. |
| 1st Division..... | 50 | ... | ... | ... | ... | ... | ... | ... | ... | 200 | 500 | ... | ... | ... |
| 2d " | 500 | 300 | ... | 400 | 2,180 | ... | 900 | ... | 200 | ... | ... | ... | ... | ... |
| 3d " | 3,000 | 200 | 200 | ... | ... | 500 | ... | 50 | 800 | ... | 2,850 | 300 | 500 | 700 |
| 4th " | 4,000 | ... | ... | ... | 160 | 700 | ... | 70 | ... | 50 | ... | 300 | 700 | 700 |
| 5th " | 3,100 | ... | ... | ... | ... | 850 | ... | ... | ... | ... | 350 | 2,000 | 450 | ... |
| 6th " | 1,900 | ... | 775 | ... | 150 | 275 | 500 | 60 | ... | ... | ... | ... | 250 | ... |
| 7th " | ... | ... | ... | 300 | 1,500 | ... | ... | 20 | ... | ... | 400 | ... | ... | 1,000 |
| 8th " | ... | 100 | ... | ... | ... | ... | ... | ... | ... | 300 | 2,000 | ... | ... | ... |
| Totals..... | 12,500 | 650 | 975 | 700 | 3,990 | 2,325 | 1,400 | 200 | 1,000 | 550 | 6,100 | 2,600 | 1,900 | 2,400 |

The general work of the quarter has been cutting the grass, repairs and maintenance.

On the night of September 11 the water was shut off at Croton dam and the Aqueduct emptied, and a force was set at work on each division making inside repairs. Connection was made with the new gate-houses at Tarrytown and Van Courtlands. The water remained shut off four days, and much was done towards stopping the leakage. The great Dobb's Ferry leak was stopped.

The individual work on the several divisions has been as follows, viz:

First Division—Care of lake and dam; attention to contractors on New Aqueduct; treatment of leaks, etc.

Second Division—High retaining wall north of Sing Sing; outlet for discharge pipe at Sing Sing Kill.

Third Division—Searching at the Arch bank; building monuments; grading about new gate-house.

Fourth Division—Searching at Strange's bank; completing wall on Geissner's property.

Fifth Division—Building retaining wall in the Glen; searching at Horton's lot.

Sixth Division—Retaining wall in snake lot; searching same place and at Widow Leidy's lot.

Seventh Division—Building stairway at High Bridge; grading about depot; building curve monuments.

Eighth Division—New fence about Central Park Reservoir; maintenance of reservoirs and high-service works.

LAYING CROTON-PIPES.

Contracts for laying mains in Ninth avenue, between Ninety-third and Ninety-fourth streets; in One Hundred and Thirty-fourth street, between Eighth and St. Nicholas avenues; in One Hundred and Thirtieth street, between Fourth and Madison avenues; in Tenth avenue, between Ninety-fifth and Ninety-sixth streets; in Avenue A, between Eighty-third and Eighty-fourth streets; and in St. Nicholas place, between One Hundred and Forty-eighth and One Hundred and Fiftieth streets, have been completed.

One contract for making pipe, and one contract for furnishing stop-cocks, hydrants, etc., have been completed.

Two contracts for laying pipe have been entered into.

Bids are advertised for making pipe, laying pipe and furnishing stop-cocks, hydrants, etc.

Amount of Pipe Laid during the Quarter.

| | | |
|------------------------|--------|--------------|
| 12-inch pipe | 6,040 | lineal feet. |
| 6-inch pipe | 20,718 | " |
| Total lineal feet..... | 26,758 | |

38 stop-cocks set.
41 hydrants placed.

METERS.

| | |
|---|--------|
| Meters placed during the quarter..... | 494 |
| Meters in use June 30, 1885..... | 12,625 |
| Total number in use September 30, 1885..... | 13,119 |

In order to read this increased number of meters and make out the bills for water used promptly, it is necessary to have double the number of Meter Inspectors now employed.

SUPPLYING WATER TO SHIPPING AND BUILDING.

| | |
|---|-------------|
| 6 permits for engines on wharves, amounting to | \$472 50 |
| 148 permits for building purposes, amounting to | 8,293 00 |
| 131 permits for shipping, amounting to | 6,993 17 |
| For water measured by meters, amounting to | 20,906 41 |
| Total | \$36,665 08 |

The shutting off the water from the Aqueduct for five days, to make necessary repairs and to clean same, lowered the water in the reservoirs in Central Park ten feet and reduced the pressure of water throughout the city to that extent. This, combined with the extreme drought and the usual excess of use in dry, warm weather, has called forth numerous complaints as to want of water, showing that, as we have no surplus of water to fall back upon, the absolute necessity of using every effort possible to reduce the waste and indiscriminate use of water.

Respectfully yours,

G. W. BIRDSALL, Chief Engineer Croton Aqueduct.

Document "E."

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, NO. 31 CHAMBERS STREET, ROOM 1,
NEW YORK, October 3, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—In compliance with your instructions I beg to submit the following report of the transactions of this Bureau during the quarter ending September 30, 1885.

REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The average force employed on repairs to pavements during the quarter was as follows:

In July, 537 men and 91 carts.

In August, 543 men and 92 carts.

In September, 546 men and 90 carts.

This force has been steadily employed in making general repairs throughout the city, and has repaired 131,197 square yards of pavement.

Asphalt pavements were repaired in
Pine street, from Broadway to Nassau street.
Fifth avenue, from Waverly place to Ninth street.
Fifth avenue, between Twenty-fourth and Twenty-fifth streets.
Fifth avenue, between Twenty-sixth and Twenty-seventh streets.
351 square yards were repaired.

A new asphalt pavement was laid in Elm street, from Grand street to 150 feet northerly, in compliance with a resolution of the Common Council, approved June 12, 1885, the area of which is 452 square yards.

Twenty-seven permits were issued to citizens to repair pavements in front of their premises at their own expense.

REPAVING STREETS AND AVENUES (CHAPTER 476, LAWS OF 1875).

Contracts for repaving the following named streets were completed during the quarter, viz.:

Mott street, from Canal to Chatham street.
Mulberry street, from Park to Canal street.
Park street, from Centre to Pearl street.
Park street, from Mott to Mulberry street.
Thompson street, from Canal to Bleecker street.
Twelfth street, from Second avenue to Avenue A.
Twenty-fifth street, from Second to Third avenue.
Thirty-sixth street, from First to Second avenue.
One Hundred and Twenty-ninth street, from Seventh to Eighth avenue.
The number of square yards repaved is 24,458.

Contracts for repaving the following named streets are in progress, and will be completed before the close of the year, viz.:

Essex street, from Houston to Division street.
Fourth street, from Broadway to Bowery.
Hester street, from Centre to Elizabeth street.
Forty-fourth street, from Tenth to Eleventh avenue.
Thirty-fifth street, from Broadway to Seventh avenue.
Fifth street, from Bowery to Lewis street.
Ninth street, from Avenue A to First avenue.
Thirty-sixth street, from Third to Lexington avenue.
Forty-seventh street, from Tenth to Eleventh avenue.
Sullivan street, from Third to Canal street.
Leonard street, from Elm to Baxter street.
Doyer street, from Pell to Chatham street.
Baxter street, from Leonard to Walker street.
Pell street, from Bowery to Mott street.
Thames street, from Broadway to Greenwich street.
Jersey street, from Crosby to Mulberry street.
Essex Market place, from Essex to Ludlow street.
Duane street, from William to Rose street.
Batavia street, from Roosevelt to James street.
Chestnut street, from Madison to Oak street.
Albany street, from Greenwich to Washington street.
Eleventh street, from Avenue B to Avenue D.
Monroe street, from Catharine to Clinton street.
Tenth avenue, from Fifty-ninth to Sixty-fourth street.
Fourth street, from Bowery to Avenue B.

NEW PAVEMENTS UNDER ASSESSMENT.

Contracts for new pavements in the following-named streets were completed during the quarter, viz.:

St. Nicholas place, from One Hundred and Fifty-fifth street to Avenue St. Nicholas.
One Hundred and Fifty-second street, from St. Nicholas place to Avenue St. Nicholas.
One Hundred and Fifty-third street, from St. Nicholas place to Avenue St. Nicholas.
First avenue, from Ninety-second to One Hundred and Ninth street.
Eighty-ninth street, from Second to Fifth avenue.
The number of square yards of new pavement laid is 45,022.

REPAIRING AND RENEWAL OF PIPES, STOP-COCKS, ETC.

The average force employed on repairs to pipes, stop-cocks, fire-hydrants, etc., under the direction of this Bureau, during the quarter, was as follows:

In July, 77 men and 10 carts.
In August, 77 men and 10 carts.
In September, 78 men and 10 carts.
389 defects in pipes and stop-cocks were repaired.
143 taps were shut off on account of leaks in service-pipes.
1,212 fire-hydrants were repaired.
178 new fire-hydrants were substituted for old ones.
2 new fire-hydrants were erected.
283 defects in pavements were repaired.

PUBLIC DRINKING-HYDRANTS.

118 drinking-hydrants were repaired.
5 new drinking-hydrants were erected.

VAULTS.

61 permits were issued to construct vaults.
The amount received for the same is \$20,853.98.
27 permits were issued to repair vaults.

STREET OPENINGS.

The following is a statement of work done under the head of street openings made by the various railway, gas and other companies, and by plumbers for water and sewer connections during the quarter, viz.:

3,472 openings made to repair mains and make gas, sewer and water-service connections.
852 notices sent to companies to repair bad pavements over openings.
850 bad pavements repaired in compliance with notices from this office.
1,900 miles of double track railroad laid.
6,800 miles of gas and steam mains laid.
1,700 miles of underground telegraph and telephone conduits laid.

During the quarter the New York and Harlem Railroad Co. completed laying tracks on Madison avenue, from Eighty-sixth street to the Harlem river.

Where the avenue was paved they have restored the pavement in a satisfactory manner; but at places where it was not paved there still remains a considerable amount of filling to be done to crown and grade the avenue up to their tracks, so as to enable vehicles to cross them safely. The company has stopped the work of filling, and say they will not do any more of it; but it is to be hoped they will soon see the necessity of completing the job.

From One Hundred and Thirty-fifth to One Hundred and Thirty-seventh street, the company has laid four tracks which occupy the whole of the roadway of the avenue; they have filled in the avenue with earth between these four tracks, which, together with the great number of tracks, renders it very difficult and dangerous for wagons and carriages to approach the bridge over the Harlem river.

The company has been requested to lay a stone pavement from curb to curb, where their four tracks occur, but as yet has not decided whether it will do so or not.

The Forty-second street, Manhattanville and St. Nicholas Avenue Railroad Company has laid tracks on Tenth avenue, from Sixtieth to Seventieth street, and also on Eighty-sixth street, from Tenth avenue to Riverside Drive. This company has employed a large force cleaning up the Boulevard parks and the roadway occupied by their tracks; they are now filling up and grading between and adjacent to their tracks on Eighty-sixth street.

The Third Avenue Railroad Company has completed the construction of the cable railroad on One Hundred and Twenty-fifth street, Manhattan street and Tenth avenue, which has been opened for traffic. Under the direction of this Bureau the company has been and is now engaged in restoring and repaving the roadway between and adjacent to their tracks, so as to make it conform to them as constructed. In doing this they have expended a large amount of labor and material, and seem determined to leave those streets in such a condition that the most critical will have no cause of complaint against the cable road.

On One Hundred and Twenty-fifth street, Manhattan street and Tenth avenue, from Eighth avenue to One Hundred and Thirtieth street, they have laid between their rails an asphalt brick pavement on a concrete foundation.

Between their tracks and outside of them they have relaid the granite-block pavement, from curb to curb, wherever necessary to bring the pavement up to a crown and grade in conformity with the grade of their tracks.

That portion of Tenth avenue which was not paved is now being filled up to a proper crown and grade with good clean earth.

That part of the avenue, from One Hundred and Fifty-first street to the north side of One Hundred and Fifty-fifth street, which was macadamized on a Telford foundation, has been put in thorough condition from curb to curb.

From One Hundred and Fifty-fifth street to the northern terminus of the cable road, the avenue was formerly macadamized without a Telford foundation, except a strip of sixteen feet in the centre, which was simply an earth road, left that way, as I am informed, for railroad purposes. The company has taken up the macadam, filled up the road-bed with clean earth, and relaid the macadam from their tracks to the curbs all the way from One Hundred and Fifty-fifth to One Hundred and Sixty-second street; they will continue to do this all the way up to the terminus of the road at One Hundred and Eighty-sixth street, but at present the work is suspended in consequence of the breaking down of the old steam-roller which the company hired from the City. The space between the tracks, which was formerly only an earth road, is being filled up to a proper crown and grade with good clean earth.

The company is now engaged in laying on Tenth avenue, between its rails, an asphalt pavement on a concrete foundation. This latter work has been completed from the northern terminus of the cable road to One Hundred and Fifty-fifth street, and is now progressing southward.

It is only just, in this connection, to acknowledge the liberal spirit now manifested by the company in doing what the Department requires in restoring the streets and avenues to their proper condition. If it will continue to do so to the end, the public will have no cause of complaint consequent upon the construction of the cable road.

EXPENDITURES.

136 vouchers were transmitted during the quarter and charged to the following accounts, viz.:

| | |
|--|------------|
| Public Drinking-hydrants | \$1,049 08 |
| Repairs and Renewal of Pavements, etc. | 104,625 24 |
| Repairs and Renewal of Pavements, etc.—Salaries | 2,438 50 |
| Repaving Streets and Avenues, 1884 | 2,422 92 |
| Repaving Streets and Avenues, 1885 | 49,549 26 |
| Repaving Streets and Avenues—Salaries | 1,878 00 |
| Repairing and Renewal of Pipes, Stop-cocks, etc. | 17,561 50 |
| Restoring and Repaving—Special Fund—Department of Public Works | 12,346 35 |
| Fund for Local Improvements | 123,234 27 |

Total \$315,105 12

Respectfully submitted,

A. CULVER, Water Purveyor.

Document "F."

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF ENGINEER IN CHARGE OF SEWERS,
NO. 31 CHAMBERS STREET, ROOM 9,
NEW YORK, October 2, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—Herewith you have my report of the transactions of this Office for the quarter ending September 30, 1885.

Owing to the legal obstacles which have arisen and prevented the making of any new contracts for sewers, only such as were contracted for prior to January 1, 1885, have been in progress, and of these there are but four not now completed, viz.:

One Hundred and Forty-first street, between Avenue St. Nicholas and Tenth avenue.
Lexington avenue, between Ninety-fifth and Ninety-seventh streets, etc.
Eighty-eighth, Eighty-ninth and Ninetieth streets, between Ninth and Eleventh avenues, and
Tenth avenue, east side, between One Hundred and Sixty-second and One Hundred and Seventieth streets, etc.

The first three of these will be completed during the next three to four months, the last in about ten months.

Great inconvenience, danger to health and loss has resulted from the want of new sewers in streets where houses have been built, in the expectation of the sewers, and it would appear that the effect of the law which stops such improvements is a great surprise to the owners of real estate.

The repairing and cleaning of sewers, basins, etc., has been pushed forward as rapidly as possible, but only the most urgent cases have been attended to, on account of the limited amount which can be drawn against. Very many other repairs in different parts of the city are absolutely necessary, not only to preserve the sewers, but as a sanitary measure, which will have to be deferred, as the present estimated balance of the appropriation for 1885, available for this purpose, is only about eighteen hundred dollars.

Respectfully,

STEVENSON TOWLE, Engineer in Charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE OFFICE OF THE ENGINEER IN CHARGE OF SEWERS FOR THE QUARTER ENDING SEPTEMBER 30, 1885.

Credits to General Fund—
Amount received for 410 permits for sewer connections \$9,388 22

Engineers' Fees—
Amount of Engineers' and Surveyors' fees assessed on property benefited, charged on assessment lists and credited to Fund for Local Improvements \$6,154 01

Sewers—Repairing and Cleaning—
Balance on hand June 30, 1885 \$47,933 34
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Laborers, etc. \$12,520 87
Special repairs 14,507 06
Materials and sundries 2,705 26
Balance on hand September 30, 1885 18,200 15
47,933 34

Salaries—Sewers—Repairing and Cleaning—
Balance on hand June 30, 1885 \$4,225 00
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Inspectors, etc. \$2,149 00
Balance on hand September 30, 1885 2,076 00
4,225 00

Salaries—Sewerage System—
Balance on hand June 30, 1885 \$7,434 21
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Engineers, etc. \$3,089 72
Balance on hand September 30, 1885 4,344 49
7,434 21

Surveys, Maps, etc., for Street Openings, etc.—
Balance on hand June 30, 1885 \$7,534 45
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Draughtsmen, etc. \$3,035 10
Balance on hand September 30, 1885 4,499 35
7,534 45

Restoring and Repaving—Special Fund—
Amount received for 596 permits for street openings \$7,570 00

Fund for Local Improvements—
Vouchers transmitted to the Commissioner of Public Works \$54,801 80
Pay-rolls of Engineers, etc. \$5,677 47
Pay-rolls of Inspectors on Sewers 1,748 00
On contracts for sewers, etc. 47,376 33
54,801 80

Work done by Mechanics and Laborers—Charles H. Babcock, General Inspector, etc.—

680 receiving-basins and culverts cleaned.
 10,766 lineal feet of sewer cleaned.
 1,192 lineal feet of sewer repaired.
 165 lineal feet of culvert repaired.
 132 lineal feet of spur-pipe laid.
 40 lineal feet of box sewer built.
 50 lineal feet of new curb set.
 48 receiving-basins repaired.
 15 new basin heads and covers put on.
 5 basin-heads reset.
 13 new basin-covers put on.
 109 manholes repaired.
 57 new manhole heads and covers put on.
 186 new manhole covers put on.
 54 manhole heads reset.
 1 bulkhead repaired.
 32 square feet of crosswalk relaid.
 509 square feet of flagging relaid.
 849 square yards of pavement relaid.
 1,896 cubic yards of earth excavated and refilled.
 45 cart-loads of earth filled in.
 2,416 cart-loads of dirt removed.

Work done by Contract—
 4,862 lineal feet of sewer built.
 103 lineal feet of culvert built.
 785 lineal feet of sewer repaired.
 6 receiving-basins built.

Making the present total length of sewerage in the city, 2,164,608 lineal feet (409 $\frac{2}{3}$ miles), with 5,025 receiving-basins.

Document "G."

DEPARTMENT OF PUBLIC WORKS,
 BUREAU OF STREET IMPROVEMENTS, ROOM 5, NO. 31 CHAMBERS STREET,
 NEW YORK, September 30, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—In compliance with your instructions, I hand you herewith a report of the transactions of this Bureau for the quarter ending September 30, 1885.

Respectfully,

GEO. A. JEREMIAH, Superintendent of Street Improvements.

STATEMENT OF THE AMOUNT OF WORK DONE DURING THE QUARTER ENDING SEPTEMBER 30, 1885.

Earth excavated, cubic yards..... 40,678
 Rock excavated, cubic yards..... 64,771
 Filling furnished, cubic yards..... 24,963
 Curb-stones set, lineal feet..... 20,770 $\frac{1}{2}$
 Curb-stones reset, lineal feet..... 917 $\frac{1}{2}$
 Gutter-stones set, lineal feet..... 1,501 $\frac{1}{2}$

Flagging laid, square feet..... 68,287 $\frac{1}{2}$
 Flagging relaid, square feet..... 6,576 $\frac{3}{4}$

In Front of City Property.

Picket fence built..... 164 $\frac{3}{4}$

AMOUNT OF VOUCHERS DRAWN.

On account of—
 Fund for Local Improvements..... \$151,404 90
 Street Improvements—For Surveying, Monumenting and Numbering of Streets... 231 00
 Flagging Sidewalks and Fencing Vacant Lots in Front of City Property..... 98 80
 Contingencies of Department of Public Works..... 60 00
 Total..... \$151,794 70

APPROPRIATIONS.

Street Improvements—For Surveying, Monumenting and Numbering of Streets, 1885. \$2,000 00
 Amount of vouchers drawn—
 During first quarter..... \$328 00
 During second quarter..... 251 00
 During third quarter..... 231 00
 Outstanding liabilities, estimated..... \$810 00
 Balance, estimated..... 1,008 00
 Total..... \$2,000 00

Flagging Sidewalks and Fencing Vacant Lots in front of City Property, 1885..... \$1,200 00

Amount of vouchers drawn—
 During second quarter..... \$255 18
 During third quarter..... 98 80
 Outstanding liabilities, estimated..... \$353 98
 Balance, estimated..... 525 00
 Total..... \$1,200 00

WORKS COMPLETED.

Regulating, grading, etc.—
 Seventy-fourth street, Eighth avenue to Riverside Drive..... \$36,633 70
 Ninety-first street, Third to Fourth avenue..... 1,688 51
 Ninety-fifth street, Tenth avenue to Riverside Drive..... 118,646 42
 One Hundred and First street, Third avenue to five feet east of Fourth avenue..... 27,899 59
 One Hundred and Third street, Tenth avenue to Riverside Drive... 13,086 21
 One Hundred and Fourth street, Boulevard to Riverside Drive.... 9,552 65
 One Hundred and Seventeenth street, Sixth to Seventh avenue.... 6,908 22
 One Hundred and Sixty-second street, Tenth to Edgecomb avenue. 13,774 31
 Total..... \$228,189 61

Curb and flagging—
 Eighty-fifth street, Ninth to Tenth avenue..... 2,318 13
 Total..... \$230,507 74

Statement showing Works under Contract in Bureau of Street Improvements on the 30th day of September, 1885.

| LOCATION OF WORK. | CONTRACTOR. | SURVEYOR. | INSPECTOR. | CONTRACT TIME. | ESTIMATED COST. | AMOUNT EARNED. | AMOUNT RETAINED. | AMOUNT PAID. | REMARKS. |
|--|----------------------|-------------------|------------------------|----------------|-----------------|----------------|------------------|--------------|---------------------------------------|
| Regulating, Grading, Curb and Flagging— Morningside avenue, West, One Hundred and Tenth street to Tenth avenue..... | James W. O'Grady.. | Peter J. Moran... | Joseph McGowan... | 350 days. | \$60,599 10 | \$121,393 13 | \$36,417 91 | \$84,975 22 | Work suspended. |
| Fort Washington Ridge road..... | Allen & O'Maley.. | W. V. Smith..... | Joseph McGowan... | 400 " | 130,161 70 | 26,125 00 | 7,837 50 | 18,287 50 | |
| Kingsbridge road, One Hundred and Fifty-fifth to One Hundred and Ninetieth street..... | Allen, O'Grady & Co. | W. V. Smith..... | William F. Gannon... | 200 " | 71,697 00 | 85,150 00 | 25,545 00 | 59,605 00 | Work suspended. |
| Fourth avenue, Ninety-seventh to One Hundred and Second street..... | Michael Egan..... | W. V. Smith..... | Edward T. Bennett... | 30 " | 3,354 50 | ..... | ..... | ..... |  |
| West End avenue, Seventy-second street to Boulevard..... | Thomas O'Maley.. | W. V. Smith..... | Mark Neary..... | 400 " | 98,782 38 | 28,700 00 | 8,610 00 | 20,090 00 | |
| Eleventh avenue, Kingsbridge road to Dyckman street..... | Mairs & Daly..... | W. V. Smith..... | David Simmons..... | 300 " | 109,138 69 | 101,597 50 | 30,479 25 | 71,118 25 | |
| Ninety-third street, West End avenue to Riverside Drive..... | William Kelly..... | H. K. Viele..... | Edward C. Brady.... | 350 " | 33,987 73 | 20,888 00 | 6,266 40 | 14,621 60 | |
| Ninety-fourth street, Boulevard to Riverside Drive..... | Thomas O'Maley.. | H. K. Viele..... | Bernard Martin..... | 150 " | 33,311 60 | 2,910 00 | 873 00 | 2,037 00 | |
| Ninety-ninth street, Eleventh avenue to Riverside Drive..... | V. Del Genovese... | H. K. Viele..... | Morgan L. Ogden.... | 100 " | 8,964 90 | 7,245 00 | 2,173 50 | 5,071 50 | |
| One Hundred and Twelfth street, Seventh to Eighth avenue..... | Patrick Farley.... | J. McIntyre Smith | John Lawrence..... | 200 " | 7,848 40 | 3,000 00 | 900 00 | 2,100 00 | |
| One Hundred and Eighteenth street, Fourth to Sixth avenue..... | Michael Finn..... | W. V. Smith..... | ..... | 250 " | 29,952 30 | 24,150 00 | 7,245 00 | 16,905 00 | |
| One Hundred and Twenty-sixth street, Tenth avenue to Boulevard..... | Thomas Murray.. | W. V. Smith..... | ..... | 195 " | 7,330 10 | 3,500 00 | 1,050 00 | 2,450 00 | Work completed, but not yet accepted. |
| One Hundred and Thirty-second street, Tenth avenue to Broadway..... | F. Thilemann, Jr.. | R. L. Waters.... | Walter E. Pallister... | 200 " | 9,468 56 | 3,220 00 | 966 00 | 2,254 00 | |
| One Hundred and Fifty-third street, sixty feet east of Seventh avenue to New avenue..... | Patrick Farley.... | J. McIntyre Smith | Nathan Frank..... | 350 " | 23,435 30 | 20,900 00 | 6,200 00 | 14,630 00 | |
| One Hundred and Eighty-fifth street, Tenth avenue to Kingsbridge road. | William J. Reilly.. | W. V. Smith..... | Andrew J. Fleming... | 90 " | 12,336 64 | 6,086 50 | 1,825 95 | 4,260 55 | |
| | | | | Total... | \$640,368 90 | \$454,865 13 | \$136,459 51 | \$318,405 62 | |

Document "H."

DEPARTMENT OF PUBLIC WORKS—BUREAU OF STREETS AND ROADS,
 NO. 31 CHAMBERS STREET,
 NEW YORK, October 7, 1885.

ROLLIN M. SQUIRE, Esq., Commissioner of Public Works:

SIR—In compliance with your instructions, I have the honor to submit the following report of work done and material used; also the amounts expended from the various appropriations, under the charge of this Bureau, for the quarter ending September 30, 1885.

And I desire to call your attention to the following special pieces of work:

I have had constructed a stone drain in F street, from the old culvert in Inwood street to a point near the Bolton road. This was done at the request of some of the residents, and was a necessity. The street is now being macadamized with gneiss stone and limestone screenings. One Hundred and Fifty-eighth street, from Eleventh avenue, west, has been covered with limestone screenings, and an excellent roadway made. One Hundred and Fifty-second street, from the Boulevard to the summit west, has been covered with broken gneiss, clay and limestone screenings. One Hundred and Twenty-fourth street, between Lexington and Fourth avenues, has been resurfaced with broken stone of trap-rock and sand, and appears to give general satisfaction.

All the trees on the Western Boulevard, between One Hundred and Twenty-second and Seventy-second streets, have been properly trimmed. Many other pieces of work have been done, a more detailed report of which is herein annexed.

On August 24, work was commenced on the contract for resurfacing the Western Boulevard, between Fifty-ninth and Seventy-ninth streets. The work has been vigorously forced ahead, and is being constructed in a very satisfactory manner. The entire west side, from Seventy-second to Seventy-ninth street, and the east side, from Seventy-fourth to Seventy-ninth street, is nearly completed, requiring only a small amount of top-dressing in places to make it one of the finest wheelways in the city. The great trouble experienced heretofore in macadamized pavements, built exclusively of trap-rock and trap-rock screenings, has been the tendency of the layer stone to become loosened, and "pick up," thus destroying the uniformity of the surface, besides the liability of injury to horses. I believe that by the method adopted in the pavement now being laid upon the Boulevard, this trouble will be to a great extent obviated; limestone screenings being substituted for trap-rock screenings, will furnish the bonding material to hold the macadam stone in place. This, with the addition of clean gravel, well rolled in and mixed with the other material, will or should form a pavement more durable than any now laid. This assumption will, I think, prove correct. There is not another wheelway in the city, constructed of broken stone, subject to the heavy traffic that the Boulevard is. Heavy dirt and stone trucks are continually hauling over the surface, and, with the narrow tire used, must necessarily wear the surface much faster than ordinarily light vehicles. At the present rate of progress, the contract will be completed this season.

The report is respectfully submitted for your consideration.

GEO. E. BABCOCK, Supt. of Streets and Roads.

The following is a statement of work done and material used and removed on the various macadam roads, streets, avenues and boulevards during the quarter ending September 30, 1885:

Repairing and cleaning Avenue A, between Fifty-seventh and Eighty-sixth streets. Material used and removed was—

4 team-loads of broken stone.
 1 team-load of sand.
 188 team-loads of dirt removed.

Repairing First avenue and One Hundred and Thirteenth street. Material used was—

6 team-loads of broken stone.

Repairing and cleaning Seventy-second street, between Avenue A and Fifth avenue, and at Riverside Drive. Material used and removed was—

33 team-loads of broken stone.
 9 team-loads of sand.
 180 team-loads of dirt.
 86 team-loads of dirt removed.

Pleasant avenue, between One Hundred and Sixteenth and One Hundred and Seventeenth streets. Material used was—

49 $\frac{1}{2}$ team-loads of gutter stuff spread.

Repairing and cleaning Fifth avenue, between Fifty-ninth and One Hundred and Twentieth streets. Material used and removed was—

92 team-loads of broken stone.
 20 team-loads of sand.
 3 team-loads of dirt.
 6 team-loads of gutter stuff spread.
 257 team-loads of dirt removed.
 50 paving blocks.
 1 basin cleaned at southeast corner Ninety-third street.

Repairing and cleaning Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-sixth streets. Material used and removed was—

16 team-loads of broken stone.
 2 team-loads of Telford stone.
 3 $\frac{1}{2}$ team-loads of sand.
 32 team-loads of gutter stuff spread.
 8 team-loads of dirt and stone.
 52 team-loads of dirt removed.

Repairing and cleaning Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets. Material used and removed was—

2 $\frac{1}{2}$ team-loads of broken stone.
 240 $\frac{1}{2}$ team-loads of gutter stuff spread.
 95 team-loads of dirt removed.

Repairing and cleaning Avenue St. Nicholas, between One Hundred and Tenth and One Hundred and Fifty-fifth streets. Material used and removed was—

- 14 team-loads of Roa Hook gravel.
- 1 team-load of sand.
- 36 team-loads of dirt.
- 132 square feet of flagging relaid.
- 60 square feet of gutter-stone reset.
- 32 square feet of gutter paved.
- 145 team-loads of dirt removed.
- 1 basin cleaned at One Hundred and Thirteenth street.

Repairing and cleaning Western Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets. Material used and removed was—

- 149 team-loads of trap-rock.
- 39 team-loads of screening.
- 18 team-loads of gravel.
- 279 team-loads of sand resurfacing and repair.
- 18 square feet gutter-stone reset.
- 88 square feet of flagging relaid.
- 24 square feet paving relaid.
- 1,085 team-loads of dirt removed.
- 18 team-loads of sand removed.
- 7 team-loads of trap-rock removed.
- 8 team-loads of stone removed.

Repairing and cleaning One Hundred and Sixteenth street, between Pleasant and Seventh avenues. Material used and removed was—

- 49 team-loads of broken stone.
- 6 team-loads of dirt.
- 4 team-loads of sand.
- 16½ team-loads gutter stuff spread.
- 36 team-loads of dirt removed.

Repairing One Hundred and Twenty-third street and New avenue; cleaning One Hundred and Twenty-third street, between Mount Morris and Eighth avenue. Material used and removed was—

- 3 team-loads of dirt and stone.
- 6 team-loads of dirt removed.
- 17 team-loads of sand removed.

Repairing One Hundred and Twenty-fourth street, between Pleasant and Madison avenues, and near Sixth avenue; cleaning One Hundred and Twenty-fourth street, between Pleasant and Seventh avenues. Material used and removed was—

- 67 team-loads of broken stone.
- 40½ team-loads of sand.
- 8 team-loads of dirt.

Repairing and cleaning One Hundred and Tenth street, between First avenue and Riverside Drive. Material used and removed was—

- 3 team-loads of broken stone.
- 62 team-loads of dirt removed.

Repairing Ninth avenue, between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets. Material used was—

- 4 team-loads of trap-rock.
- 1 team-load of sand.

Repairing Tenth avenue, between Ninety-fifth and One Hundred and Twenty-fifth streets—unpaved. Material used was—

- 342 team-loads of dirt.

Repairing Eighty-sixth street, between Boulevard and Eleventh avenue—unpaved. Material used was—

- 68 team-loads of dirt.

Repairing One Hundred and Fifteenth street—unpaved. Material used was—

- 36 team-loads of dirt.

Repairing One Hundred and Twenty-second street, between Boulevard and Riverside Drive—unpaved. Material used was—

- 23 team-loads of sand.
- 23 team-loads of trap-rock.

Repairing One Hundred and Twenty-fifth street, between Boulevard and Tenth avenue—unpaved. Material used was—

- 30 team-loads of dirt.

Repairing One Hundred and Twenty-ninth street, between Eighth avenue and Avenue St. Nicholas—unpaved. Material used was—

- 7 team-loads of dirt.

Repairing One Hundred and Thirtieth street, west of Eighth avenue—unpaved. Material used was—

- 14 team-loads of dirt.

Repairing One Hundred and Thirty-eighth street, west of Boulevard—unpaved. Material used was—

- 13 team-loads of dirt.
- 4 team-loads of sand.

Repairing One Hundred and Thirty-fifth street and Avenue St. Nicholas—unpaved. Material used was—

- 4 team-loads of dirt.

Repairing One Hundred and Forty-first street, between Broadway and W. Boulevard. Material used was—

- 1 team-load of limestone chips.
- 1 team-load of dirt.

Repairing One Hundred and Forty-fourth street, west of Boulevard—unpaved. Material used was—

- 64 team-loads of dirt.

Cleaning One Hundred and Forty-fifth street, between Eighth avenue and Western Boulevard. Material removed was—

- 29 team-loads of dirt.

Repairing One Hundred and Fifty-first street, west of Boulevard—unpaved. Material used was—

- 18 team-loads of dirt.

Repairing One Hundred and Fifty-fifth street, east of Avenue St. Nicholas—unpaved. Material used was—

- 18 team-loads of dirt.

Cleaning One Hundred and Fifty-fifth street, between Tenth and St. Nicholas avenues. Material removed was—

- 2 team-loads of dirt.

Repairing One Hundred and Fifty-second street, west of Boulevard. Material used was—

- 22 team-loads of dirt.

Repairing One Hundred and Sixty-first street and Eleventh avenue—unpaved. Material used was—

- 2 team-loads of dirt.
- 28 square feet flagging relaid.

Repairing Madison avenue, 50 feet south of One Hundred and First street, and resetting curb.

Repairing Madison avenue, 50 feet south of One Hundred and Third street, and resetting curb.

New avenue, between Manhattan street and One Hundred and Twenty-third street—

206 team-loads of dirt used for filling lots for the office of the Bureau, which is to be removed from northwest corner of One Hundred and Twenty-fourth street and New avenue.

Cleaning Manhattan street, between Ninth and St. Nicholas avenues. Material removed was—

- 61 team-loads of dirt.

The following material has been obtained by the Bureau free of cost. The values are as follows:

Broken Stone Trap Rock

Hauled from Madison avenue at One Hundred and Tenth, One Hundred and Sixteenth, and One Hundred and Twenty-fourth streets, and delivered at One Hundred and Twenty-second street and Avenue St. Nicholas—

23.50 cubic yards, at \$1.50 per yard..... \$35 25

Broken Stone Trap Rock, and Gneiss Stone, mixed,

On Boulevard, between One Hundred and Tenth and Manhattan streets—

1,479 cubic yards, at \$1.75 per yard..... 2,588 25

Blue Stone

Delivered on east side of Fifth avenue, between Seventy-second and Seventy-third streets—

134 cubic yards, at 50 cents per yard..... \$67 00

55 cubic yards, at \$1 per yard..... 55 00

Total..... \$2,745 50

The following is a statement of work done and material used during the quarter ending September 30, 1885, at the repair-shop, on New avenue and One Hundred and Twenty-second street:

Repairs.

223 picks sharpened. 4 new poles made.
12 crowbars sharpened. 4 new sets of whiffletrees.
36 picks steeled. 1 new body for Superintendent's wagon.

Material used.

200 feet of oak. 18 pounds of cast steel.
30 feet of whitewood. 100 feet of rubber hose.
20 feet of pine. 6 hydrant couplings.
30 feet of hemlock. 50 pounds of grease.
4 bundles of shingles. 1 pound of borax.
70 pounds of white lead. 1 ton of Cumberland coal.
20 pounds of vermilion. 5 pounds of marlin.
8 pounds of black. 2 pounds of waste.
15 pounds of putty. 156 carriage bolts.
5 pounds of Indian red. 12 ½-inch bolt ends.
5 gallons of raw oil. 8 ½-inch bolt ends.
4 gallons of turpentine. 4 ¾-inch bolt ends.
3 gallons of varnish. 1 gallon of lard oil.
3 gross of screws. 20 feet of ½-inch chain.
10 pounds of nails. Painting wagon used by Superintendent.
226 pounds of iron. Painting sleigh used by Superintendent.
28 pounds of spring steel.

The following are the unpaved roads, streets and avenues that have been repaired:

One Hundred and Sixteenth street, between Seventh and Eighth avenues.
One Hundred and Twenty-second street, between Tenth avenue and Riverside Drive.
One Hundred and Twenty-third street, between Tenth avenue and Avenue St. Nicholas.
One Hundred and Twenty-fifth street, between Manhattan street and Boulevard.
One Hundred and Twenty-sixth street, between Ninth avenue and Avenue St. Nicholas.
One Hundred and Twenty-seventh street, between Eighth avenue and Avenue St. Nicholas.
One Hundred and Thirty-fifth street, between Sixth and Seventh avenues.
One Hundred and Fifty-first street, between Boulevard and Hudson river.
One Hundred and Fifty-second street, between Boulevard and Hudson river.
One Hundred and Fifty-fifth street, between Seventh avenue and McComb's Dam road.
One Hundred and Fifty-sixth street, between Tenth and Eleventh avenues.
One Hundred and Fifty-seventh street, between Tenth and Eleventh avenues.
One Hundred and Fifty-eighth street, between Tenth avenue and Hudson river.
F street, at Inwood.
Inwood lane, from Kingsbridge road to Hudson river.
Depot lane, from Kingsbridge road to Hudson river.
McComb's Dam road, between One Hundred and Forty-ninth and One Hundred and Fifty-fifth streets.
One Hundred and Seventy-fifth street, between Kingsbridge road and Tenth avenue.
Kingsbridge road, between One Hundred and Ninetieth street and Inwood.
Eleventh avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-eighth streets.
Old Broadway, between One Hundred and Thirty-eighth and One Hundred and Forty-fifth streets.

Building culvert on F street and Inwood lane.

Repairing culvert at Inwood.

Material used on the above work—

612 team-loads of earth and clay.

30 team-loads of trap-rock.

The following roads, streets, avenues and boulevards have been sprinkled during the quarter ending September 30, 1885:

Seventy-second street, between Fifth avenue and Avenue A.
Seventy-second street, between Eighth avenue and Riverside Drive.
Fifth avenue, between Fifty-eighth and One Hundred and Thirtieth streets.
Sixth avenue, between One Hundred and Tenth and One Hundred and Thirty-third streets.
Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.
One Hundred and Tenth street, between First and Eighth avenues.
One Hundred and Sixteenth street, between Seventh and Pleasant avenues.
One Hundred and Twenty-third street, between Eighth and Mount Morris avenues.
One Hundred and Twenty-fourth street, between Fifth avenue and Avenue A.
One Hundred and Twenty-fourth street, between Sixth and Seventh avenues.
One Hundred and Forty-fifth street, between Sixth and Eighth avenues.
One Hundred and Fifty-second street, between Western Boulevard and Hudson river.
One Hundred and Fifty-fifth street, between Western Boulevard and Avenue St. Nicholas.
One Hundred and Fifty-eighth street, between Eleventh avenue and Hudson river.
Eleventh avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-eighth streets.
Eastern Boulevard, between Fifty-seventh and Eighty-sixth streets.
Western Boulevard, between Seventy-second and One Hundred and Fifty-fifth streets.
Pleasant avenue, between One Hundred and Nineteenth and One Hundred and Twenty-fourth streets.

Avenue St. Nicholas, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.

Mount Morris Park avenue, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets.

Kingsbridge road, between One Hundred and Ninetieth street and Spuyten Duyvil.

Farmers' Bridge road, between Kingsbridge road and Harlem river.

The amount of water used was 21,098 barrels or 13,055,541 gallons.

The following is a statement of work done and material used over sewer and water connections, during the quarter ending September 30, 1885:

Repairing over sewer connection, west side Avenue A, 51 feet south of Eighty-second street.

Material used—

1 cart-load of broken stone.

1 cart-load of Telford stone.

Repairing over sewer connection, west side Avenue A, 25 feet north of Seventy-third street.

Material used—

10 cart-loads of broken stone.

10 cart-loads of Telford stone.

Repairing over sewer connection, west side Avenue A, 75 feet north of Seventy-third street.

Material used—

10 cart-loads of broken stone.

10 cart-loads of Telford stone.

Repairing over sewer connection, south side One Hundred and Twenty-third street, 75 feet east of Sixth Avenue. Material used—

2 team-loads of broken stone.

1 cart-load of broken stone.

1 team-load of sand.

Repairing over sewer connection, east side Avenue A, 25 feet south of Sixtieth street. Material used—

1 cart-load of broken stone.

1 yard of Belgium pavement reset.

Repairing over water connection repair, No. 333 East One Hundred and Sixteenth street.

Material used—

½ cart-load of sand.

Repairing over sewer connection repair, No. 340 East One Hundred and Sixteenth street.

Material used—

1 cart-load of sand.

Repairing over sewer connection repair, No. 346 East One Hundred and Sixteenth street.

Material used—

½ cart-load of sand.

Repairing over sewer connection, south side of Seventy-second street, 158 feet east of Madison avenue. Material used—
9 cart-loads of broken stone.
10 cart-loads of Telford stone.
1 cart-load of sand.

Repairing over sewer connection, east side of Avenue A, 50 feet north of Eightieth street.
1½ cart-load broken stone.
1½ cart-load Telford stone.

Repairing over sewer connection, east side of Avenue A, 75 feet south of Eighty-fifth street. Material used—
2 cart-loads of broken stone.
2 cart-loads of Telford stone.
1 cart-load of sand.

Repairing over sewer connection, northeast corner Avenue A and Eighty-fifth street. Material used—
2 cart-loads of broken stone.
1 cart-load of sand.
1 yard of Belgium pavement reset.

Repairing over sewer connection, west side of Avenue A, 75 feet north of Seventy-fifth street. Material used—
8 cart-loads of broken stone.
9 cart-loads of Telford stone.

Repairing over water connection repair, south side of Seventy-second street, 75 feet east of First avenue. Material used—
7 cart-loads of broken stone.
8 cart-loads of Telford stone.

Repairing over sewer connection, south side of One Hundred and Twenty-third street, 75 and 141 feet east of Seventh avenue. Material used—
5 cart-loads of broken stone.
6 cart-loads of Telford stone.
7 cart-loads of sand.

Repairing over sewer connection, north side of Seventy-second street, 20 feet east of Fourth avenue. Material used—
8 cart-loads of broken stone.
10 cart-loads of Telford stone.

Repairing over sewer connection, No. 763 Fifth avenue. Material used.
1 cart-load of broken stone.

Repairing over sewer connection, southeast corner of Avenue A and One Hundred and Twenty-third street. Material used—
4 cart-loads of Telford.
4 cart-loads of sand.

The following are the roads, streets and avenues that have been cleaned and repaired:

Western Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth street—
Macadam repaired, between Fifty-ninth and One Hundred and Thirtieth street. Area, 27,289 square feet.

Block pavement repaired at Eighty-first street. Area, 166 square feet.

Roadway and gutters cleaned between Fifty-ninth and Seventy-second streets. Area, 27,120 square feet.

Gutters cleaned between One Hundredth and One Hundred and Fifty-fifth streets. Area, 117,500 square feet.

Sand spread between One Hundred and Twenty-ninth and One Hundred and Fifty-fifth streets, 60 feet wide. Area, 348,935 square feet.

Seventy-second street, between Boulevard and Riverside Drive—
Gutters cleaned. Area, 8,409 square feet.

Seventy-second street, between Avenue A and Fifth avenue—
Roadway and gutters cleaned. Area, 153,160 square feet.
Roadway repaired with blue-stone. Area, 1,170 square feet.

One Hundred and Tenth street, between Eighth avenue and Riverside Drive—
Gutters cleaned. Area, 9,584 square feet.

One Hundred and Tenth street, between First and Fifth avenues—
Gutters cleaned. Area, 19,920 square feet.

One Hundred and Forty-fifth street, between Eighth avenue and Boulevard—
Gutters cleaned. Area, 21,008 square feet.

One Hundred and Fifty-second street, between Avenue St. Nicholas and Boulevard—
Gutter cleaned. Area, 11,291.45 square feet.

One Hundred and Fifty-second street, between Boulevard and summit west—
Macadamized with broken gneiss and limestone. Area, 11,000 square feet.

Avenue St. Nicholas, between One Hundred and Tenth and One Hundred and Fifty-fifth streets—
Gutters cleaned. Area, 97,200 square feet.

Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets—
Sand spread. Area, 928,188 square feet.

Gutters cleaned. Area, 93,080 square feet.

Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-fifth streets—
Sand spread 40 feet wide, between One Hundred and Thirty-third and One Hundred and Forty-fifth streets. Area, 160,000 square feet.

New bride stone laid on north side One Hundred and Twenty-fifth street. Lineal feet, 156.

One Hundred and Sixteenth street, between Avenue A and Seventh avenue—
Gutters cleaned. Area, 45,812 square feet.

Macadam repaired with trap-rock. Area, 1,600 square feet.

One Hundred and Twenty-fourth street, between Avenue A and Fifth avenue—
Gutters cleaned. Area, 28,764 square feet.

Macadam repaired with trap-rock and sand. Area, 15,120 square feet.

Fifth avenue, between Fifty-eighth and One Hundred and Tenth street—
Roadway and gutters cleaned. Area, 597,396 square feet.

Macadam repaired with blue-stone. Area, 2,500 square feet.

Avenue A, between Fifty-seventh and Eighty-sixth streets—
Roadway and gutters cleaned. Area, 448,204 square feet.

Macadam repaired with blue-stone. Area, 540 square feet.

One Hundred and Fifty-eighth street, between Eleventh avenue and Hudson river—
Roadway resurfaced with gneiss. Area, 4,200 square feet.

Roadway resurfaced with limestone. Area, 11,500 square feet.

F street, between Inwood lane and Bolton road—
Roadway resurfaced with gneiss stone. Area, 3,700 square feet.

Stone culvert built. Lineal feet, 127.

Stone culvert cleaned. Lineal feet, 75.

Barry's Hill, from Seventh avenue to Central Bridge—
Macadam repaired with trap-rock and limestone. Area, 2,850 square feet.

Inwood street, from Kingsbridge road to Hudson river—
Stone culvert cleaned. 600 lineal feet.

Ninth avenue, between One Hundred and Twenty-third and One Hundred and Twenty-sixth streets—
Gutters cleaned. Area, 1,720 square feet.

One Hundred and Twenty-second street, between Tenth avenue and Riverside Drive—
Gutters cleaned. Area, 10,440 square feet.

Manhattan street, between Avenue St. Nicholas and Ninth avenue—
Gutters cleaned. Area, 3,512 square feet.

Diagonal street, from One Hundred and Forty-first to One Hundred and Forty-fifth street—
Repairing with limestone. Area, 1,080 square feet.

RECAPITULATION.

| | Area. |
|---|------------------------|
| Macadam pavement repaired with trap-rock. | 44,009 square feet. |
| “ “ blue-stone. | 4,210 “ |
| Block pavement repaired with blocks. | 166 “ |
| Macadam pavement repaired on new work— | |
| Gneiss stone and limestone screenings. | 7,476 “ |
| “ only. | 7,900 “ |
| Surfaced with limestone screenings. | 11,520 “ |
| Limestone chips. | 1,080 “ |
| Trap-rock and limestone screenings. | 2,850 “ |
| Stone culvert built. | 127 lineal feet. |
| “ cleaned. | 675 “ |
| New bride stone laid. | 156 “ |
| Roadways and gutters cleaned. | 1,239,020 square feet. |
| Gutters cleaned. | 404,664 “ |
| Sand spread. | 1,437,123 “ |

The following is a statement of the appropriation and expenditures on “Roads, Streets and Avenues, Unpaved, Maintenance of”:

Amount appropriated for 1885. \$25,000 00
Amount transmitted during the first quarter, 1885. 2,210 10

Balance, April 1, 1885. \$22,789 90
Amount transmitted during the second quarter, 1885. 5,424 66

Balance, July 1, 1885. \$17,365 24

Amount transmitted during the third quarter, ending September 30, 1885, is as follows:

| | |
|--|------------|
| Pay-roll of Laborers, etc., for June 30, 1885. | \$1,018 62 |
| “ “ July 15, “ | 1,061 12 |
| “ “ 31, “ | 1,658 50 |
| “ “ Aug. 15, “ | 1,539 25 |
| “ “ 31, “ | 1,537 87 |
| “ “ Sept. 15, “ | 1,643 62 |
| Limestone screening. | 333 90 |
| “ “ | 156 80 |
| Broken stone gneiss rock. | 191 40 |
| | 9,141 08 |

Balance, October 1, 1885. \$8,224 16

The following is a statement of the appropriation and expenditures on “Boulevards, Roads and Avenues, Maintenance of Salaries”:

Amount appropriated for 1885. \$2,000 00
Amount transmitted during the first quarter, 1885. 450 00

Balance, April 1, 1885. \$1,550 00
Amount transmitted during the second quarter, 1885. 533 71

Balance, July 1, 1885. \$1,016 29

Amount transmitted during the third quarter, ending September 30, 1885, is as follows:

| | |
|-----------------------------------|----------|
| Pay-roll, Clerk, July, 1885. | \$150 00 |
| “ Assistant Engineer, July, 1885. | 111 29 |
| “ Clerk, August, 1885. | 150 00 |
| “ “ September, 1885. | 150 00 |
| | 561 29 |

Balance, October 1, 1885. \$455 00

The following is a statement of the appropriation and expenditures on “Boulevards, Roads, and Avenues, Maintenance of”:

Amount appropriated for 1885. \$75,000 00
Amount transmitted during the first quarter, 1885. 8,830 46

Balance, April 1, 1885. \$66,169 54

Amount transmitted during the second quarter, 1885. 18,110 36

Balance, July 1, 1885. \$48,059 18

Amount transferred to Boulevard resurfacing, between Fifty-ninth and Seventy-ninth streets. 25,000 00

Balance, July 1, 1885. \$23,059 18

Amount transmitted during the third quarter, 1885, is as follows:

| | |
|--|------------|
| For Pay-roll, Laborers, etc., for June 30, 1885. | \$2,616 87 |
| “ “ July 15, “ | 2,343 37 |
| “ “ 31, “ | 2,394 25 |
| “ “ Aug. 15, “ | 2,218 99 |
| “ “ 31, “ | 2,189 24 |
| “ “ Sept. 15, “ | 2,196 99 |
| Sharp sand. | 212 70 |
| Sundry articles. | 42 01 |
| Repairs to sprinklers. | 37 75 |
| Use of horse for Superintendent of Streets. | 270 00 |
| | 14,522 17 |

Balance, October 1, 1885. \$8,537 01

The following is the amount that was received during the third quarter, ending September 30, 1885, for the use of steam rollers and sprinklers and deposit to the credit of the “General Fund”.

\$81 16

Document “I.”

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, October 7, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—In accordance with your directions I herein submit a report of the transactions of the Bureau of Lamps and Gas for the three months ending September 30, 1885.

In Exhibit “A” will be found a statement showing the amounts expended for gas to the various public markets, offices, armories, etc., and for the fitting-up, lighting and maintenance of the public lamps.

In Exhibit “B” is a summary of the appropriation for “Lamps and Gas and Electric Lighting,” showing an expenditure during the quarter of one hundred and seventy-four thousand three hundred and fifty-one dollars and eighty cents (\$174,351.80), and for the nine months of four hundred and sixty-six thousand three hundred dollars and fifty-five cents (\$466,300.55), with liabilities for lighting the public lamps, etc., month of September, amounting to fifty-six thousand eight hundred and ninety-nine dollars and forty-four cents (\$56,899.44), leaving an available balance of one hundred and ninety-three thousand five hundred dollars and one cent (\$193,500.01).

Exhibit “C” is a summary of the appropriation for “Salaries—Lamps and Gas and Electric Lighting,” and this shows an expenditure during the quarter of one thousand three hundred and eighty-three dollars and thirty-two cents (\$1,383.32) and for the nine months of four thousand five hundred and thirty-three dollars and thirty-two cents (\$4,533.32), with an available balance of one thousand seven hundred and sixty-six dollars and sixty-eight cents (\$1,766.68).

In Exhibit “D” is a summary of the “Lamp Account,” and this shows a total of three hundred and seven new gas-lamps lighted, five new electric-lamps lighted, one hundred and three old gas-lamps relighted, and sixty-four gas-lamps discontinued during the quarter. The total number of gas-lamps on September 30 was twenty-three thousand three hundred and eight, the total naphtha lamps was fifty, and the total number of electric-lamps seven hundred and eight; the grand total of all kinds being twenty-four thousand and sixty-six. The net increase during the quarter was three hundred and fifty-one.

Exhibit “E” is a statement showing the lowest, highest and average illuminating power of the gases supplied to the city by the several gas companies having mains on the line of our two photometric stations.

The following will show the specific gravity of the gases:

| | |
|--|--------------|
| Consolidated Gas Company— | |
| New York Branch, specific gravity. | .623 to .642 |
| Manhattan Branch, “ | .416 to .426 |
| Metropolitan Branch, “ | .522 to .553 |
| Knickerbocker Branch, “ | .612 to .640 |
| Municipal Branch, “ | .656 to .668 |
| New York Mutual Gas-light Co., specific gravity. | .700 to .720 |
| Equitable Gas-light Co., “ | .598 to .640 |

The following will show the average amount of impurities found in the gases of the several companies, as ascertained from the analyses made by Dr. E. G. Love, the Gas Examiner, in the laboratories of this Department:

| OF WHAT COMPANY. | SULPHUR. (Grs. in 100 cu. ft.) | AMMONIA. (Grs. in 100 cu. ft.) | SULPHURETTED HYDROGEN. |
|--------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| Consolidated Gas Co.— | | | |
| New York Branch..... | 2.83 | 0.53 | None. |
| Manhattan Branch..... | 19.38 | 7.52 | " |
| Metropolitan Branch..... | 20.55 | 2.73 | " |
| Knickerbocker Branch..... | 4.09 | 1.00 | " |
| Municipal Branch..... | 3.32 | 0.28 | " |
| N. Y. Mutual Gas-light Co..... | 5.30 | 0.71 | Occasional Traces. |
| Equitable Gas-light Co..... | 3.50 | 0.19 | None. |

The following table will show the average maximum and minimum pressure on the mains of the foregoing companies, as recorded on the pressure registers in our photometric stations, the average being made for the time during which the public lamps are required to be kept lighted:

| OF WHAT COMPANY. | AVERAGE MAXIMUM PRESSURE. | AVERAGE MINIMUM PRESSURE. | WHERE TAKEN. | DISTANCE FROM GAS-WORKS. |
|--------------------------------|---------------------------------|---------------------------------|--|--------------------------------|
| Consolidated Gas Co.— | Inches. | Inches. | | Miles. |
| New York Branch..... | 1.22 | 1.18 | Cor. Bowery and Grand street.. | 1.80 |
| Manhattan Branch..... | 2.15 | 1.23 | " " " | 1.00 |
| Municipal Branch..... | 2.29 | 1.55 | " " " | 3.00 |
| Metropolitan Branch..... | 1.48 | 0.85 | { Seventy-ninth street, between Second and Third avenues. } | 3.00 |
| Knickerbocker Branch..... | 3.21 | 1.50 | { Seventy-ninth street, between Second and Third avenues. } | 1.00 |
| N. Y. Mutual Gas-light Co..... | 2.52 | 2.02 | Cor. Bowery and Grand street.. | 1.00 |
| Equitable Gas-light Co..... | 1.95 | 1.39 | " " " | 2.00 |

Yours respectfully,
S. McCORMICK, Superintendent Lamps and Gas.

EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Offices, etc., and for Fitting-up, Repairing and Lighting the Public Lamps, etc., for the Quarter ending September 30, 1885.

| | |
|---|----------|
| Washington Market..... | \$491 55 |
| Catharine Country Market..... | 22 65 |
| Catharine Meat Market..... | 21 90 |
| Fulton Meat Market..... | 246 00 |
| Fulton Country Market..... | 352 80 |
| Essex Market..... | 25 20 |
| Centre Market..... | 67 95 |
| Clinton Market..... | 112 65 |
| Union Market..... | 6 30 |
| Tompkins Market..... | 78 40 |
| Jefferson Market..... | 91 42 |
| First District Police Court..... | 145 80 |
| Second District Police Court..... | 79 35 |
| Third District Police Court..... | 18 62 |
| Fourth District Police Court..... | 79 38 |
| Fifth District Police Court..... | 5 40 |
| First District Civil Court..... | 30 |
| Second District Civil Court..... | 16 05 |
| Fourth District Civil Court..... | 5 04 |
| Fifth District Civil Court..... | 15 30 |
| Sixth District Civil Court..... | 4 06 |
| Eighth District Civil Court..... | 4 35 |
| Ninth District Civil Court..... | 4 65 |
| Tenth District Civil Court..... | 60 |
| Court-room, Brown-stone Building..... | 64 50 |
| New Court-house..... | 861 15 |
| City Hall..... | 313 95 |
| Corporation Counsel's Office..... | 1 50 |
| Corporation Attorney's Office..... | 46 05 |
| Receiver of Taxes' Office..... | 126 45 |
| Department of Public Works..... | 189 45 |
| Department of Taxes..... | 5 10 |
| Assessment Commission..... | 4 05 |
| CITY RECORD Bookbindery..... | 90 |
| County Jail..... | 277 35 |
| Pipe Yard, Rivington street..... | 60 |
| Repair Shop, Water Purveyor's, Thirtieth street..... | 6 00 |
| Repair Shop, Water Purveyor's, Eighty-third street..... | 5 25 |
| Repair Shop, Water Purveyor's, One Hundred and Twenty-ninth street..... | 11 85 |
| South Gate-house..... | 49 50 |
| Engine-house, High-water Service, High Bridge..... | 58 65 |
| Engine-house, High-water Service, Ninety-eighth street..... | 127 65 |
| Clock-tower, Third District Court-house..... | 187 04 |
| Photometrical Rooms, Grand street..... | 6 99 |
| Photometrical Rooms, Seventy-ninth street..... | 90 |
| Seventh Regiment Armory..... | 211 50 |
| Eighth Regiment Armory..... | 125 40 |
| Ninth Regiment Armory..... | 154 80 |
| Eleventh Regiment Armory..... | 76 05 |
| Twelfth Regiment Armory..... | 114 30 |
| Twenty-second Regiment Armory..... | 296 94 |
| Sixty-ninth Regiment Armory..... | 92 82 |
| Seventy-first Regiment Armory..... | 105 84 |
| First Battery Armory..... | 18 90 |
| Second Battery Armory..... | 63 00 |
| Public Bath, Battery..... | 30 00 |
| Public Bath, Gouverneur Slip, East river..... | 24 45 |
| Public Bath, Duane street, North river..... | 16 05 |
| Public Bath, Fifth street, East river..... | 34 95 |
| Public Bath, Horatio street, North river..... | 29 40 |
| Public Bath, Nineteenth street, East river..... | 24 30 |
| Public Bath, Twenty-seventh street, North river..... | 30 90 |
| Public Bath, Thirty-seventh street, East river..... | 33 60 |
| Public Bath, Fifty-first street, North river..... | 27 75 |
| Public Bath, One Hundred and Twelfth street, East river..... | 20 25 |
| Electric lighting at City Hall during Grant obsequies..... | 375 00 |
| Gas examinations..... | 350 50 |
| Lighting Public Markets (Pay-rolls)..... | 498 00 |
| Cleaning Photometrical Rooms (Pay-rolls)..... | 15 00 |
| New lamp-posts..... | 1,540 00 |
| New lamp-posts, Twenty-third and Twenty-fourth Wards..... | 621 91 |
| New street-lamps..... | 1,305 00 |
| New boulevard lamps..... | 950 00 |
| New cross-heads..... | 430 00 |
| New lamp-irons..... | 65 00 |

| | |
|---|--------------|
| New lamp-irons, Twenty-third and Twenty-fourth Wards..... | \$190 00 |
| Street-signs..... | 1,026 00 |
| Supplies for Photometrical Rooms..... | 126 70 |
| Repairing and reglazing lamps..... | 112 50 |
| Gas regulator..... | 35 00 |
| Photometrical Rooms, Grand street—Rent..... | 150 00 |
| Photometrical Rooms, Seventy-ninth street—Rent..... | 90 00 |
| Fitting-up new lamps..... | 1,722 00 |
| Fitting-up new lamps, Twenty-third and Twenty-fourth Wards..... | 424 00 |
| Resetting and repairing lamp-posts..... | 2,090 50 |
| Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards..... | 840 50 |
| Lighting public lamps..... | 81,149 51 |
| Lighting public lamps, Twenty-third and Twenty-fourth Wards..... | 29,176 96 |
| Lighting electric-lamps..... | 44,983 40 |
| Lighting naphtha lamps..... | 312 51 |
| Total..... | \$174,351 80 |

RECAPITULATION.

| | |
|---|--------------|
| Gas to public offices, etc..... | \$5,771 80 |
| Supplies to public lamps, etc..... | 7,068 71 |
| Supplies to public lamps, etc., Twenty-third and Twenty-fourth Wards..... | 811 91 |
| Fitting up new lamps..... | 1,722 00 |
| Fitting up new lamps, Twenty-third and Twenty-fourth Wards..... | 424 00 |
| Resetting and repairing lamp-posts..... | 2,090 50 |
| Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards..... | 840 50 |
| Lighting public lamps..... | 81,149 51 |
| Lighting public lamps, Twenty-third and Twenty-fourth Wards..... | 29,176 96 |
| Lighting electric-lamps..... | 44,983 40 |
| Lighting naphtha-lamps..... | 312 51 |
| Total..... | \$174,351 80 |

EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," for 1885, showing the Amounts Expended during the Quarter ending September 30, 1885, with the Balance standing to the Credit of the Appropriation.

| | |
|--|--------------|
| Amount appropriated for "Lamps and Gas and Electric Lighting," for 1885..... | \$716,700 00 |
| Amount of vouchers drawn during the quarter ending March 31..... | \$119,447 41 |
| Amount of vouchers drawn during the quarter ending June 30..... | 172,501 34 |
| Amount of vouchers drawn during the quarter ending September 30..... | 174,351 80 |
| | 466,300 55 |
| Balance against which no vouchers have been drawn..... | \$250,399 45 |

LIABILITIES.

| | |
|---|--------------|
| Consolidated Gas Co., lighting public lamps, month of September..... | \$26,423 52 |
| Equitable Gas-light Co., "..... | 1,411 00 |
| New York Mutual Gas-light Co., "..... | 361 62 |
| Central Gas-light Co., "..... | 5,600 21 |
| Northern Gas-light Co., "..... | 4,508 57 |
| Yonkers Gas-light Co., "..... | 842 50 |
| N. Y. and N. J. Globe Gas-light Co., "..... | 104 17 |
| Brush Electric Illuminating Co., "..... | 7,256 20 |
| United States Illuminating Co., "..... | 7,529 90 |
| United States Illuminating Co., lighting Receiver of Taxes' office..... | 650 00 |
| American Meter Co., photometrical apparatus..... | 30 00 |
| Alexander Brandon, repairing and reglazing 75 street-lamps..... | 131 75 |
| C. H. Delamater, & Co., 25 flange lamp-post butts..... | 120 00 |
| E. P. Gleason Mfg. Co., 1,325 glass street-signs..... | 252 00 |
| Alexander Brandon, 140 street-lamps..... | 406 00 |
| C. H. Delamater & Co., 100 lamp-posts..... | 770 00 |
| Henry Mehles, map of city, between Thirty-fourth and Seventy-ninth streets..... | 290 00 |
| Mott Iron Works, one ornamental lamp-post..... | 116 00 |
| A. B. Kellogg, granite base..... | 50 00 |
| E. P. Gleason Mfg. Co., 4 ornamental lamps..... | 46 00 |
| | 56,899 44 |
| Balance available September 30, 1885..... | \$193,500 01 |

EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," for 1885, showing the Amounts Expended during the First, Second and Third Quarters, with the Balance standing to the Credit of the Appropriation.

| | |
|---|------------|
| Amount appropriated for "Lamps and Gas and Electric Lighting—Salaries," for 1885..... | \$6,300 00 |
| Amount of pay-rolls for quarter ending March 31..... | \$1,575 00 |
| Amount of pay-rolls for quarter ending June 30..... | 1,575 00 |
| Amount of pay-rolls for quarter ending September 30..... | 1,383 32 |
| | 4,533 32 |
| Balance available September 30, 1885..... | \$1,766 68 |

EXHIBIT "D."

Summary of the "Lamp Account," showing the Number of New Lamps Lighted, Old Lamps Relighted, and Lamps Discontinued by each Gas Company during the Quarter ending September 30, 1885.

| | |
|--|--------|
| CONSOLIDATED GAS COMPANY, NEW YORK BRANCH. | |
| Number of lamps lighted June 30, 1885..... | 3,895 |
| Number of new lamps lighted during the quarter..... | 3 |
| Number of old lamps relighted during the quarter..... | 2 |
| | 3,900 |
| Less lamps discontinued during the quarter..... | 3 |
| Number of lamps lighted September 30, 1885..... | 3,897 |
| CONSOLIDATED GAS COMPANY, MANHATTAN BRANCH. | |
| Number of lamps lighted June 30, 1885..... | 3,597 |
| Number of new lamps lighted during the quarter..... | 24 |
| Number of old lamps relighted during the quarter..... | 47 |
| | 3,668 |
| Less lamps discontinued during the quarter..... | 4 |
| Number of lamps lighted September 30, 1885..... | 3,664 |
| CONSOLIDATED GAS COMPANY, METROPOLITAN BRANCH. | |
| Number of lamps lighted June 30, 1885..... | 4,071 |
| Number of new lamps lighted during the quarter..... | 50 |
| Number of old lamps relighted during the quarter..... | 2 |
| | 4,123 |
| Less lamps discontinued during the quarter..... | 4 |
| Number of lamps lighted September 30, 1885..... | 4,119 |
| CONSOLIDATED GAS COMPANY, HARLEM BRANCH. | |
| Number of lamps lighted June 30, 1885..... | 5,710 |
| Number of new lamps lighted during the quarter..... | 121 |
| Number of old lamps relighted during the quarter..... | 25 |
| | 5,856 |
| Less lamps discontinued during the quarter..... | 17 |
| Number of lamps lighted September 30, 1885..... | 5,839 |
| Total lamps lighted by Consolidated Gas Company, September 30..... | 17,519 |

NEW YORK MUTUAL GAS-LIGHT COMPANY.

| | |
|--|-----|
| Number of lamps lighted June 30, 1885 | 239 |
| Number of new lamps lighted during the quarter | 0 |
| Number of old lamps relighted during the quarter | 0 |
| Less lamps discontinued during the quarter | 239 |
| Number of lamps lighted September 30, 1885 | 231 |

EQUITABLE GAS-LIGHT COMPANY.

| | |
|--|-------|
| Number of lamps lighted June 30, 1885 | 1,407 |
| Number of new lamps lighted during the quarter | 0 |
| Number of old lamps relighted during the quarter | 4 |
| Less lamps discontinued during the quarter | 1,411 |
| Number of lamps lighted September 30, 1885 | 1,411 |

CENTRAL GAS-LIGHT COMPANY.

| | |
|--|-------|
| Number of lamps lighted June 30, 1885 | 2,197 |
| Number of new lamps lighted during the quarter | 16 |
| Number of old lamps relighted during the quarter | 23 |
| Less lamps discontinued during the quarter | 2,236 |
| Number of lamps lighted September 30, 1885 | 2,224 |

NORTHERN GAS-LIGHT COMPANY.

| | |
|--|-------|
| Number of lamps lighted June 30, 1885 | 1,518 |
| Number of new lamps lighted during the quarter | 84 |
| Number of old lamps relighted during the quarter | 0 |
| Less lamps discontinued during the quarter | 1,602 |
| Number of lamps lighted September 30, 1885 | 1,586 |

YONKERS GAS-LIGHT COMPANY.

| | |
|--|--------|
| Number of lamps lighted June 30, 1885 | 328 |
| Number of new lamps lighted during the quarter | 9 |
| Number of old lamps relighted during the quarter | 0 |
| Less lamps discontinued during the quarter | 337 |
| Number of lamps lighted September 30, 1885 | 337 |
| Total number of gas-lamps lighted September 30, 1885 | 23,308 |

NAPHTHA-LAMPS.

NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.

| | |
|--|----|
| Number of lamps lighted June 30, 1885 | 50 |
| Number of new lamps lighted during the quarter | 0 |
| Number of old lamps relighted during the quarter | 0 |
| Less lamps discontinued during the quarter | 50 |
| Number of lamps lighted September 30, 1885 | 50 |

ELECTRIC-LAMPS.

BRUSH ELECTRIC ILLUMINATING COMPANY.

| | |
|--|-----|
| Number of lamps lighted June 30, 1885 | 347 |
| Number of new lamps lighted during the quarter | 0 |
| Number of old lamps relighted during the quarter | 0 |
| Less lamps discontinued during the quarter | 347 |
| Number of lamps lighted September 30, 1885 | 347 |

UNITED STATES ILLUMINATING COMPANY.

| | |
|--|-----|
| Number of lamps lighted June 30, 1885 | 356 |
| Number of new lamps lighted during the quarter | 5 |
| Number of old lamps relighted during the quarter | 0 |
| Less lamps discontinued during the quarter | 361 |
| Number of lamps lighted September 30, 1885 | 361 |

Total number of electric-lamps lighted September 30, 1885..... 708

RECAPITULATION.

| | |
|---|--------|
| Number of gas-lamps lighted June 30, 1885 | 22,962 |
| Number of naphtha-lamps lighted June 30, 1885 | 50 |
| Number of electric-lamps lighted June 30, 1885 | 703 |
| Number of new gas-lamps lighted during the quarter | 307 |
| Number of new naphtha-lamps lighted during the quarter | 0 |
| Number of new electric-lamps lighted during the quarter | 5 |
| Number of gas-lamps relighted during the quarter | 103 |
| Number of electric-lamps relighted during the quarter | 0 |
| Number of naphtha-lamps relighted during the quarter | 0 |
| Less gas-lamps discontinued during the quarter | 64 |
| Less naphtha-lamps discontinued during the quarter | 0 |
| Less electric-lamps discontinued during the quarter | 0 |
| Total number of lamps lighted September 30, 1885 | 24,066 |

EXHIBIT "E."

Statement showing the Illuminating Power of the Gases supplied by the several Gas-light Companies during the Quarter ending September 30, 1885, as shown by the Daily Observations at the Photometrical Rooms.

| FOR WHAT TIME. | NEW YORK GAS CO. | | | MUNICIPAL GAS CO. | | | N. Y. MUTUAL GAS CO. | | | METROPOLITAN GAS CO. | | | MANHATTAN GAS CO. | | | KNICKERBOCKER GAS CO. | | | EQUITABLE GAS CO. | | |
|------------------------------|--------------------------------|----------|----------|--------------------------------|----------|----------|--------------------------------|----------|----------|--------------------------------|----------|----------|--------------------------------|----------|----------|--------------------------------|----------|----------|-------------------------------------|----------|----------|
| | ILLUMINATING POWER IN CANDLES. | | | ILLUMINATING POWER IN CANDLES. | | | ILLUMINATING POWER IN CANDLES. | | | ILLUMINATING POWER IN CANDLES. | | | ILLUMINATING POWER IN CANDLES. | | | ILLUMINATING POWER IN CANDLES. | | | ILLUMINATING POWER IN CANDLES. | | |
| Week Ending— | Lowest. | Highest. | Average. | Lowest. | Highest. | Average. | Lowest. | Highest. | Average. | Lowest. | Highest. | Average. | Lowest. | Highest. | Average. | Lowest. | Highest. | Average. | Lowest. | Highest. | Average. |
| July 4..... | 26.30 | 28.06 | 27.20 | 27.40 | 29.68 | 28.40 | 21.76 | 28.96 | 25.84 | 24.30 | 25.68 | 24.86 | 18.48 | 18.90 | 18.65 | 26.26 | 29.70 | 28.91 | 26.42 | 28.42 | 27.54 |
| " 11..... | 26.72 | 29.23 | 28.13 | 29.17 | 31.23 | 30.23 | 26.25 | 28.53 | 27.31 | 24.35 | 25.52 | 24.86 | 18.11 | 19.09 | 18.89 | 27.31 | 29.35 | 28.05 | 24.42 | 29.87 | 27.35 |
| " 18..... | 26.26 | 27.53 | 26.89 | 27.50 | 29.33 | 28.67 | 24.69 | 29.37 | 27.10 | 23.88 | 25.52 | 24.25 | 17.80 | 19.06 | 18.20 | 27.26 | 29.56 | 28.48 | 25.29 | 28.92 | 27.47 |
| " 25..... | 26.27 | 27.41 | 26.71 | 29.02 | 30.39 | 29.50 | 24.22 | 28.69 | 26.81 | 24.07 | 25.02 | 24.65 | 17.89 | 19.51 | 18.67 | 24.59 | 27.34 | 26.26 | 28.77 | 30.20 | 29.35 |
| Aug. 1..... | 24.65 | 26.15 | 25.03 | 28.73 | 30.47 | 29.40 | 23.46 | 26.78 | 25.23 | 23.69 | 25.93 | 24.47 | 17.59 | 18.99 | 18.47 | 22.29 | 28.35 | 25.43 | 28.02 | 30.23 | 29.35 |
| " 8..... | 24.44 | 26.77 | 25.25 | 28.76 | 30.39 | 29.79 | 26.47 | 30.06 | 28.24 | 22.90 | 23.59 | 23.15 | 18.09 | 19.08 | 18.60 | 21.58 | 24.14 | 23.14 | 30.15 | 30.78 | 30.60 |
| " 15..... | 24.60 | 26.66 | 25.51 | 29.44 | 30.65 | 29.99 | 29.35 | 32.59 | 30.80 | 21.35 | 22.63 | 21.93 | 18.89 | 19.26 | 19.04 | 20.94 | 25.59 | 22.54 | 30.38 | 32.78 | 31.14 |
| " 22..... | 26.00 | 27.42 | 26.87 | 29.12 | 30.65 | 30.04 | 27.58 | 30.92 | 29.67 | 21.18 | 21.99 | 21.59 | 18.46 | 19.62 | 18.88 | 21.90 | 23.52 | 22.50 | 29.99 | 32.33 | 31.30 |
| " 29..... | 24.45 | 27.11 | 25.68 | 28.52 | 30.10 | 29.11 | 26.96 | 29.49 | 28.46 | 20.48 | 22.46 | 21.26 | 18.79 | 19.32 | 18.96 | 21.08 | 23.64 | 22.03 | 29.11 | 32.65 | 31.20 |
| Sept. 5..... | 25.02 | 27.64 | 26.03 | 28.22 | 30.38 | 29.35 | 26.84 | 29.35 | 27.58 | 20.33 | 21.83 | 21.13 | 17.80 | 19.82 | 19.10 | 21.13 | 23.50 | 22.36 | 31.25 | 34.04 | 32.67 |
| " 12..... | 24.35 | 25.25 | 24.80 | 28.45 | 30.18 | 29.20 | 25.65 | 30.41 | 28.97 | 20.71 | 21.82 | 21.40 | 18.16 | 20.37 | 18.77 | 21.87 | 23.49 | 22.71 | 31.69 | 33.61 | 32.93 |
| " 19..... | 24.51 | 26.80 | 25.20 | 27.84 | 29.86 | 28.77 | 26.58 | 32.16 | 29.40 | 20.17 | 21.25 | 20.82 | 18.14 | 20.04 | 19.38 | 21.84 | 24.56 | 22.90 | 29.91 | 34.48 | 32.46 |
| " 26..... | 22.23 | 24.06 | 23.08 | 27.26 | 28.54 | 28.20 | 27.83 | 31.06 | 29.13 | 20.67 | 21.58 | 21.19 | 17.82 | 18.94 | 18.14 | 23.48 | 24.39 | 23.84 | 28.88 | 32.03 | 30.94 |
| July, August, September..... | 22.23 | 29.23 | 25.88 | 27.26 | 31.23 | 29.28 | 21.76 | 32.59 | 28.04 | 20.17 | 25.93 | 22.77 | 17.59 | 20.37 | 18.75 | 20.94 | 29.70 | 24.55 | 24.42 | 34.48 | 30.33 |
| Distance from Gas-works..... | 1.8 Miles | | | 3.4 Miles | | | 1.6 Miles | | | 3.8 Miles | | | 1.6 Miles | | | 1.5 Miles | | | 2.7 Miles | | |
| Testing burner..... | Bray's Slit Union No. 7.... | | | Bray's Slit Union No. 7.... | | | Bray's Slit Union No. 7.... | | | Bray's Slit Union No. 6.... | | | Empire, 5 feet | | | Bray's Slit Union No. 7.... | | | Bray's Slit Union No. 7.... | | |
| Gas | Water gas (Tessie du Motay) | | | Water gas (Tessie du Motay) | | | Water gas | | | Coal and naphtha..... | | | Coal gas | | | Water gas (Tessie du Motay) | | | { Water gas (Jerzmanowski process). | | |

Document "K."

DEPARTMENT OF PUBLIC WORKS—BUREAU OF REPAIRS AND SUPPLIES,
SUPERINTENDENT'S OFFICE, No. 31 CHAMBERS STREET, ROOM 15,
NEW YORK, October 13, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—In compliance with your instructions, I have the honor to submit the following report of the transactions of this Bureau, for the three months ending September 30, 1885.

Among the principal items of work done were the following:

THE NEW COURT-HOUSE.

Superior Court—The position of the Judge's Bench in Part III. has been changed to the north side of the room; the location of the jury-box and railings has been altered, to conform with the new plan of the court-room. New platforms and benches have been put in, and all the new work has been painted, grained and varnished. In Part I. the walls and cornice have been repaired and painted, and the hard wood cleaned and varnished. New signs have been painted for Part IV., and the carpets in Parts II., III. and IV. have been taken up, cleaned and relaid with new carpet lining. The iron window-frames and sashes in the Judges' new room have been repaired, the sashes eased, and new pins and handles put on the windows where needed.

Surrogate's Court—The partition of the Stenographers' room has been raised with glass panels, and ceiling over to correspond with the Surrogate's room on the opposite side of the court. The elevator has been overhauled and repaired, and a new guide-rope and gas tubing put in. The water-tanks have been cleaned and new galvanized-iron covers put on to replace the old wooden ones.

THE BROWN-STONE BUILDING.

The carpets in Parts I. and II. of the Court of General Sessions, the Grand Jury room and the Department of Taxes and Assessments, have been taken up, cleaned and relaid with new paper lining.

CITY HALL.

When announcement was made of the death of General Grant, the duty of furnishing and putting up appropriate mourning drapery on the several buildings under its care devolved on this Bureau. All were more or less draped. The mourning decorations of the City Hall were pronounced by the whole press to be most artistic and appropriate. In the doing of this work the Bureau was called upon to incur an expenditure unforeseen and unexpected.

HALL OF RECORDS.

The iron cellar doors on the east side, and the iron shutters on the west side of the building, have been repaired.

No. 31 CHAMBERS STREET.

The furnaces under the boilers have been rebuilt and the steam-pump of the elevator thoroughly overhauled and repaired.

FINANCE DEPARTMENT.

Three dozen arm chairs have been furnished for use of the Comptroller's office, and two black walnut and ash desks, with rotary chairs, have been furnished to the Bureau of Markets.

CORPORATION COUNSEL'S OFFICE.

A new case of pigeon-holes has been built and three new desks furnished for the use of the office.

GANSEVOORT STREET CORPORATION YARD.

The roof of the storage shed has been covered with tin and painted with metallic paint and a new gutter put up.

THE COUNTY JAIL.

The furnace walls of the boiler have been rebuilt and a new blue-stone step set in the pit in front of the boiler.

THE COURTS (POLICE AND CIVIL).

Second District Civil Court—New carpet and linoleum have been laid in the Judge's room and the ante-room, and new window-shades have been hung in the court-room and Judge's and Clerk's rooms.

Third District Court-house—The old locks on the prison pens have been replaced with new Yale prison locks of improved pattern.

Sixth District Civil Court—New window awnings have been put up on the Fourth avenue front of Court-house.

Eleventh District Civil Court—New window awnings have been put up.

Third District Police Court—A case of pigeon-holes, 10 feet long and 9 feet high, has been put up in the examination room, and a black-walnut wardrobe furnished for the Judge's room.

Strong galvanized-iron wire screens have been placed on the area gratings, the doors and windows overhauled and repaired. The roof has been repaired and new tin flashings put up around the walls and chimneys, and the gutters repaired and painted.

Fifth District Police Court—The boiler and steam-pipes have been covered with hair-felt and canvas, and the furnace repaired. The platform under the safe has been strengthened and braced to sustain the weight, and the benches in the court-room have been repaired.

Seventh District Court-house—The furnace under the boiler has been repaired and the front rebuilt.

THE MARKETS.

Washington Market—Eleven glazed iron window-sashes hung on swivels, with necessary cords, and fixtures have been put in for the purpose of improving the ventilation. The flooring between Stands Nos. 8 and 9 has been repaired.

West Washington Market—Repairs have been made to Vesey street pier in front of Stands Nos. 1, 4, 20 and 24.

Fulton Market—A metallic skylight 8 feet square, with ridge ventilator, has been put up over Stands Nos. 131 to 136.

Tompkins Market—The roof on Hall Place side has been repaired and new 6-inch copper pipes put in and caulked into the cast-iron leaders.

Centre Market—The old flooring in Cellars Nos. 5, 6 and 9 has been taken out, the space beneath cleared and disinfected, and a new flooring laid on chestnut sleepers set in clean sand. Connections have been made with the street sewer, and bell-trap cesspools set in the floors. The Croton water has been introduced, and a new water-closet and slop-sinks put in. Additional ventilation has been secured by openings made in the flooring over the east side areas.

FREE FLOATING BATHS.

Report of males and females bathing in the free floating baths, from June 10 to October 2, 1885:

| BATHS. | MALES. | FEMALES. | TOTAL. |
|---|-----------|----------|-----------|
| Gouverneur street, East river..... | 312,313 | 146,285 | 458,598 |
| Fifth street, East river..... | 218,887 | 105,018 | 423,905 |
| Nineteenth street, East river..... | 270,379 | 131,555 | 401,934 |
| Thirty-seventh street, East river..... | 210,843 | 110,140 | 320,983 |
| One Hundred and Twelfth street, Harlem river..... | 171,389 | 43,538 | 214,927 |
| Port Morris..... | 36,018 | 15,874 | 51,892 |
| Battery, North river..... | 276,539 | 128,703 | 405,242 |
| Duane street, North river..... | 64,227 | 28,145 | 92,372 |
| Horatio street, North river..... | 241,769 | 51,367 | 293,136 |
| Twenty-seventh street, North river..... | 166,770 | 64,482 | 231,252 |
| Fifty-first street, North river..... | 169,781 | 83,944 | 253,725 |
| Total..... | 2,238,915 | 909,045 | 3,147,960 |

Douglas Smyth, Architect, having in charge the alterations and repairs to the Supreme and Superior Courts and in the Finance Department, reports that the work has been completed.

In addition to the work of furnishing the necessary supplies to the various courts and offices, no inconsiderable portion of the work which this Bureau was called upon to perform was the putting up and keeping in repair the window awnings of the several courts and offices, repairing the glazing and supplying coal and wood to the several buildings under its care.

Very respectfully,

THOMAS H. McAVOY, Superintendent of Repairs and Supplies.

Document "L."

DEPARTMENT OF PUBLIC WORKS—BUREAU OF INCUMBRANCES,
ROOM 16, NO. 31 CHAMBERS STREET,
NEW YORK, October 2, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—I submit herewith a report of the transactions of this Bureau for the quarter ending September 30, 1885 (months of July, August and September):

Number of complaints received and notices issued for the removal of obstructions and incumbrances on the streets, sidewalks, and avenues..... 1,173

Number of removals of merchandise, trucks, wagons, carts, stands, booths, etc., etc., to the Corporation Yard foot of Gansevoort street, North river, or other suitable place..... 286

Expense of such removals (including 1,003 loads of dirt, stone, refuse, etc., and 125 dead and dangerous trees) from various parts of the city..... \$2,200 40

Total expenses for the quarter..... \$3,009 39

Received from owners for the redemption of seized articles, etc..... \$301 70

Which amount was duly paid over to the City Chamberlain.

Number of permits issued to builders..... 2,941

Number of special permits issued..... 137

Number of permits issued to cut down trees..... 14

Number of notices issued to repair and reflag sidewalks..... 229

Number of notices issued to repair defective vault covers..... 6

Respectfully,

JOSEPH BLUMENTHAL, Superintendent of Incumbrances.

Document "M."

BUREAU OF WATER REGISTER,
NO. 31 CHAMBERS STREET,
NEW YORK, September 30, 1885.

Hon. ROLLIN M. SQUIRE, Commissioner of Public Works:

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending September 30, 1885:

| | Principal. | Penalties. | Taps. |
|----------------|--------------|------------|------------|
| July..... | \$570,548 05 | \$396 60 | \$1,037 50 |
| August..... | 303,989 58 | 1,540 25 | 926 00 |
| September..... | 96,900 13 | 1,216 85 | 1,037 00 |
| Total..... | \$971,437 76 | \$3,153 70 | \$3,000 50 |

Total..... \$977,591 96

Deposit to the credit of Water-meter Fund, No. 2—

| | |
|----------------|------------|
| July..... | \$1,676 93 |
| August..... | 557 99 |
| September..... | 3,235 93 |
| Total..... | \$5,470 85 |

Special Fund—Repairing Streets—

| | |
|----------------|------------|
| July..... | \$1,184 00 |
| August..... | 734 00 |
| September..... | 1,022 00 |
| Total..... | \$2,940 00 |

Respectfully submitted,

J. H. CHAMBERS, Water Register.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
NEW YORK, November 10, 1885.

The Board met this day.

Reports.

From the Sanitary Superintendent—On operations of the First Division; on operations of the Second Division; on operations of the Third Division; on operations of the Fourth Division; on operations of the Fifth Division; on operations of the Sixth Division; on operations of the Seventh Division; weekly letter; weekly mortality statement; weekly abstract of births; weekly abstract of marriages; weekly abstract of still-births; weekly abstract of deaths from contagious diseases; weekly report on attendance of clerks; on applications for permits; on condition of certain street pavements, etc.; on applications for relief from certain orders; on manure dumping; on condition of slaughter-houses; on privy-vaults; on house-to-house inspections; on changes of help at hospitals; on applications for leaves of absence; on delayed birth returns; on applications to file supplemental papers; on application for a stableman; on inspection of Goble's pond in the Twenty-fourth Ward; on premises No. 259 West Fortieth street and No. 25 East Fifth street; on premises, corner Webster and Valentine avenues; on necessity for sewer on Eighth avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-eighth streets; on complaint in respect to detention of trains loaded with live stock, at railroad junction, between One Hundred and Fiftieth and One Hundred and Fifty-second streets.

From the Attorney and Counsel—Weekly report; monthly report.

Communications from other Departments.

From the Department of Finance—Comptroller's weekly statement.

Miscellaneous Communications.

From Dr. Betline—In answer to charge of violation of the Sanitary Code in respect to cases of contagious diseases.

From C. C. Haight—In respect to the condition of plastering in hospital at East Sixteenth street.

From Simon Stevens—In respect to the Department of Street Cleaning dumping ashes off the mouth of the harbor.

From W. L. Turner, Secretary to his Honor the Mayor—Transmitting a form of report of the Attorney's office.

Bills Audited.

| | | | |
|---------------------------------|------------|---------------------------------------|----------|
| Lawrence Martin..... | \$1,650 00 | Francis H. Smith..... | \$825 21 |
| Francis H. Smith..... | 2,419 60 | John Reynnders & Co..... | 10 30 |
| J. B. Purroy..... | 166 66 | Pridgeon's Hamilton Bakery..... | 6 51 |
| C. Golderman..... | 295 91 | Swan & Finch..... | 26 40 |
| Telephone and Telegraph Co..... | 124 05 | Roosevelt & Howland..... | 106 87 |
| Jas. E. Dougherty..... | 96 75 | Jas. G. Hay & Co..... | 36 00 |
| Percy Rockwell..... | 5 39 | Consolidated Gas Co..... | 97 35 |
| Arthur McGerald..... | 13 00 | American Condensed Milk Co..... | 55 08 |
| John E. Kaughan & Co..... | 36 45 | T. R. McMann & Bros..... | 5 47 |
| Wm. McKenna..... | 13 00 | Goodyear's India Rubber Glove Co..... | 22 50 |
| Cox & Rockwell..... | 790 71 | C. W. Klappert's Sons..... | 908 57 |
| Cox & Rockwell..... | 893 19 | C. B. Trimble..... | 219 00 |
| John E. Kaughan & Co..... | 229 17 | Thos. Hogan..... | 42 35 |
| Thurber, Whyland & Co..... | 110 83 | P. T. Cunningham..... | 187 40 |
| Hektograph Mfg. Co..... | 8 00 | Chas. S. Young..... | 418 45 |
| Chas. B. Trimble..... | 45 00 | Wm. Kramer..... | 40 00 |
| C. W. Klappert's Sons..... | 33 49 | Pay-roll, laborers..... | 291 91 |
| C. B. Trimble..... | 795 00 | J. T. Birmingham..... | 41 60 |

Permits Granted.

To keep a lodging-house at No. 91 Suffolk street.
To keep a lodging-house at No. 69 Mangin street.
To keep a lodging-house at No. 1 Catharine Slip.
To keep a lodging-house at No. 400 Water street.
To keep a lodging-house at No. 94 Park street.
To keep a lodging-house at No. 37 Baxter street.
To drive cattle from Highbridge to West Farms.
To keep a cow at No. 3 West Forty-fourth street.
To keep sixty chickens and one goat at No. 438 West Thirty-sixth street.
To keep twelve chickens at No. 284 Third street.
To keep eight chickens at No. 260 Sixth avenue.
To keep twelve chickens at No. 9 Harrison street.
To keep twelve chickens at No. 445 East Eighty-third street.
To keep chickens at No. 10 Hubert street.
To keep one hundred chickens at No. 444 East Seventy-ninth street.
To keep six chickens at No. 600 Grand street.
To keep fifteen chickens at No. 448 East One Hundred and Twentieth street.
To keep one goat at No. 410 West Thirty-sixth street.
To keep one goat at Nos. 538 and 540 Sixth street.
To kill chickens at No. 11 Mott street.
To kill chickens at No. 4 Mott street.

Permits Denied.

To slaughter cattle at One Hundred and Sixty-second street and Elton avenue.
To kill chickens at No. 82 Bayard street.
To keep poultry for sale at No. 1062 Third avenue.

Permits Revoked.

To keep fowls at No. 5 Avenue C.
To keep fowls at No. 320 East Houston street.

Resolutions.

Resolved, That the Register of Records be and is hereby authorized and directed to record the following birth certificates:

| | |
|--|------------------------------|
| Lewis Mordecai Phillips, August 3, 1885. | Mayer, March 3, 1885. |
| Cohn, April 27, 1885. | Ridley, May 24, 1885. |
| Hanley, May 3, 1885. | Herbert, July 3, 1885. |
| Schick, April 28, 1885. | Keevens, August 30, 1885. |
| Speck, April 26, 1885. | Robertson, August 13, 1885. |
| Moss, March 31, 1885. | Webster, August 4, 1885. |
| Dandreaux, March 3, 1885. | Schaugnessy, August 1, 1885. |
| Kenney, March 10, 1885. | Berlinghoff, July 31, 1885. |
| Cull's, June 23, 1885. | Hafken, July 30, 1885. |
| Berien, June 1, 1885. | Eckeberg, July 27, 1885. |
| McDonald, May 31, 1885. | Schaussler, May 19, 1885. |

Resolved, That permission is hereby granted to file supplemental papers to certificate of death of Ernest Rallinger, who died June 23, 1870.

Resolved, That permission be and is hereby granted to file supplemental papers to certificate of birth of Aaron Liebschardt, born August 9, 1885.

Resolved, That the Register of Records be and is hereby authorized and directed to amend the register of marriages as follows:

Emele Edward Rouy, November 8, 1873, by changing the name of bride's father from John to John Erning.

Resolved, That Henry McMann be and is hereby employed as Stableman for two months, with wages at the rate of \$50 per month from November 1.

Resolved, That leaves of absence be and are hereby granted, as follows :

E. B. Murtha, October 29 to 31, on account of sickness.
E. H. Janes, October 27 to 30, on account of sickness.
B. McGowan, November 4 and 5, on account of sickness.
John Parsons, November 9 to 23, on account of sickness.

Resolved, That the following persons be and are hereby employed in the hospital service, as follows :

Annie Murphy, Helper, October 14, vice Brown, discharged.
Margaret Sullivan, Helper, October 14, vice Maher, resigned.
Mary Kelsey, Helper, October 14, vice Conners, discharged.
John Callahan, Boatman, October 9, vice Welsh, discharged.
Delia Donley, Katie Hayes and Julia Duffy, Helpers, from October 26.

Francis Fagin, Fireman, October 18, vice McAllister, resigned.
Mary Lane, Cook, November 3, vice Rowan, resigned.

Resolved, That the following orders be and are hereby suspended as follows :

No. 22638, at No. 1201 Third avenue, to December 10, 1885.
No. 22796, at No. 206 East Twenty-second street, to April 1, 1886.
No. 3748, at Nos. 141 and 143 Delancey street, to May 1, 1886.
No. 22673, at corner Manhattan street and Broadway, to April 1, 1886.
No. 21940, at St. Nicholas avenue, near One Hundred and Fifty-sixth street, to February 1, 1886.
No. 22525, at No. 251 West Thirty-fifth street, to June 1, 1886.
No. 20874, at Nos. 334 and 336 Pearl street, to December 1, 1885.
No. 16784, at No. 646 East Sixteenth street, to November 27, 1885.
No. 15682, at northwest corner Seventy-ninth street and Eleventh avenue, to December 31, 1885.
No. 21141, at No. 852 Sixth avenue, to December 2, 1885.
No. 21949, at No. 409 West Thirty-fifth street, to April 1, 1886.
No. 17609, at No. 113 East Seventy-seventh street, to April 1, 1886.
No. 19272, at Nos. 484 to 492 East One Hundred and Thirty-ninth street, to November 25, 1885.

No. 20248, at Nos. 324 and 326 East Sixtieth street, to April 1, 1886.

No. 22166, at west side Fourth avenue, between Seventy-second and Seventy-third streets, to November 15, 1885.

No. 21462, at No. 936 First avenue, to November 30, 1885.

No. 22138, at No. 385 Fourth avenue, to November 15, 1885.

No. 22519, at No. 32 Second avenue, to December 15, 1885.

No. 22133, at No. 327 East Twenty-fifth street, to April 1, 1886.

No. 20039, at No. 6 York street, to November 15, 1885.

No. 22973, at No. 640 Eighth avenue, to November 30, 1885.

No. 12043, at Nos. 609 and 611 West Forty-sixth street, so much as calls for hopper closets to April 1, 1886.

No. 19739, at Nos. 242 and 244 East Fifty-fifth street, during the pleasure of the Board.

No. 21755, at No. 612 East Twelfth street, during the pleasure of the Board.

No. 23299, at No. 309 East Fifty-sixth street, rescinded.

No. 13332, at No. 20 Forsyth street, rescinded.

Resolved, That applications for relief from the following orders be and are hereby denied :

No. 21873, at corner Eighty-sixth street and Lexington avenue.

No. 11857, at No. 22 Mott street.

No. 15384, at Nos. 134 and 136 Franklin street.

No. 14855, at Nos. 134 and 136 Franklin street.

No. 13616, at Nos. 134 and 136 Franklin street.

No. 20921, at No. 73 Thompson street.

No. 22799, at No. 322 East Twenty-eighth street.

No. 20748, at Nos. 106, 108 and 110 Canal street.

No. 9819, at No. 321 East Fortieth street.

No. 21841, at No. 24 Laight street.

No. 21064, at No. 312 East Thirty-ninth street.

No. 21930, at No. 418 East Twentieth street.

No. 20721, at No. 21 East Broadway.

No. 21929, at Nos. 414 and 416 East Twentieth street.

No. 17734, at Nos. 43 and 45 Goerck street.

No. 19077, at No. 311 East Eighty-fourth street.

No. 20488, at No. 302 East Thirty-fourth street.

No. 17990, at Nos. 77 and 79 Suffolk street.

No. 17979, at Nos. 302 and 304 East Twenty-seventh street.

Resolved, That copies of the reports of inspectors upon the condition of certain street pavements, etc., be forwarded to the Department of Public Works for the necessary action, as follows :

Street pavement at No. 466 Canal street.

Street pavement at No. 42 Clinton street.

Street pavement at No. 146 East Eighty-sixth street.

Street pavement at One Hundred and Tenth street, between Madison and First avenues.

Street pavement at No. 1 First street.

Street pavement at No. 374 Madison street.

Street pavement at No. 119 East Twelfth street.

Street pavement at No. 370 Madison street.

Street pavement at No. 13 Lexington avenue.

Street pavement at No. 63 Bleecker street.

Street pavement at No. 401 East Fifty-fourth street.

Street pavement at No. 286 Bowery.

Street pavement at Lexington avenue, fifty feet south of Twenty-third street.

Street pavement at No. 51 Bleecker street.

Street pavement at No. 315 East Fifty-fifth street.

Street pavement at northeast corner Park and Worth streets.

Street pavement at No. 16 South Fifth avenue.

Street pavement at No. 286 West street.

Street pavement at No. 206 West street.

Street pavement at Charles lane and West street.

Street pavement at No. 1345 Third avenue.

Street pavement at corner Jay and West streets.

Street pavement at West Broadway and Franklin street.

Street pavement at No. 195 Greene street.

Street pavement at Nos. 300 and 310 East Seventy-eighth street.

Street sewer at No. 947 Sixth avenue.

Street sewer at No. 303 Greenwich street.

Croton-main at No. 120 West Seventeenth street.

Street sewer at corner of Cedar and Washington streets.

Street sewer at No. 210 Mercer street.

Street sewer at Thirty-sixth street, one hundred feet west of First avenue.

Street sewer at No. 1039 Tenth avenue.

Street sewer at No. 96 Sixth avenue.

Street sewer at corner of Seventy-sixth street and First avenue.

Street sewer at corner of West street and Park Place.

Resolved, That copies of the reports of Inspectors upon the condition of the following premises be forwarded to the Fire Department for the necessary action :

No. 2333 Fourth avenue.

No. 202 Elizabeth street.

No. 9 First avenue.

Nos. 5 and 7 First avenue.

No. 290 West street.

No. 245 East Tenth street.

Resolved, That copies of the report of Inspectors upon the condition of premises No. 259 West Fortieth street and No. 25 East Fifth street be forwarded to the Board of Education for the necessary action:

Resolved, That a copy of the report of Inspector Comfort, upon the condition of roadway of Webster and Valentine avenues, be forwarded to the Department of Parks for the necessary action.

Resolved, That a copy of the report of Inspector Parsons, upon the condition of premises on Eighth avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-eighth streets, be forwarded to the Department of Public Works, with the request that, for sanitary reasons, a sewer be constructed in said avenue.

Resolved, That a copy of the report of Inspector Wiseburn, in respect to the detention of trains of the Harlem Railroad, loaded with live stock, at the junction between One Hundred and Fifty-second and One Hundred and Fifty-third streets, be forwarded to the Harlem Railroad Company, with the request that the nuisance complained of be abated.

Resolved, That permission be and is hereby granted to file supplementary papers in relation to the birth-record of Ashbel P. Fitch, November 17, 1876; Ella Julia Fitch, May 1, 1878; Morton Cross Fitch, June 18, 1884, and Littleton H. Fitch, April 21, 1883.

Resolved, That D. E. Holman be and is hereby appointed Inspector, temporarily, with salary at the rate of \$100 per annum, and assigned for duty to the Fourth Division.

The resignation of Sanitary Inspector Murtha was received and accepted.

Applications from Inspectors Conant, Flinn, Smith and Chapin for promotion were received and laid on the table.

Notice of lien against Lawrence Martin, contractor, was received and ordered on file.

An application from G. H. Dennis & Co. for permit to supply certain bakers with skimmed milk, was received and referred to the Sanitary Superintendent.

A notice of organization of the State Board of Health of Pennsylvania was received and ordered on file.

An application from the United States Cremation Company to grant burial permits was received and ordered on file.

An application from Marks & Needles for a permit to export second-hand clothing was received and ordered on file.

Abstracts from consular and other reports were received from the National Board of Health and ordered on file.

Resolved, That the pay-roll of laborers amounting to \$291.91 be and is hereby approved, and, when signed by the President and Secretary, will be forwarded to the Comptroller for payment.

Action of the Board on Plans for Plumbing and Drainage, etc., of the following New Houses :

Resolved, That plans for the plumbing and drainage of the following new houses be and are hereby approved upon the conditions contained in the statement of the action of the Board attached in each case to the specifications submitted with the plans, and the said plans and specifications are hereby modified in accordance therewith :

Plan No. 4158, for one club-house, north side Fifty-eighth street, one hundred feet east of Fifth avenue, as amended.

Plan No. 4230, for two dwellings on Anderson avenue, between Orchard and High Bridge, conditionally.

Plan No. 4231, for one tenement-house No. 348 West Forty-eighth street, as amended.

Plan No. 4247, for one dwelling, north side One Hundred and Twenty-fifth street, ninety feet west of Fourth avenue.

Plan No. 4250, for one chapel, north side Stanton street, forty-seven feet six inches west of Norfolk street.

Plan No. 4261, for one tenement-house, east side Eleventh avenue, seventy-five feet south of One Hundred and Seventy-third street, as amended.

Plan No. 4263, for one dwelling, north side of Bridge street, one hundred and four feet west of Broad street, as amended.

Plan No. 4268, for four tenement-houses, south side of Eighty-first street, one hundred and eighty-one feet east of First avenue.

Plan No. 4270, for one tenement-house, east side of Avenue A, forty-six feet eight inches south of Eightieth street.

Plan No. 4280, for one storehouse, south side of One Hundred and Seventh street, ninety-four feet east of Third avenue.

Plan No. 4283, for nine tenement-houses, west side of Avenue A, from Seventy-ninth to Eightieth street.

Plan No. 4284, for one chapel and choir-room, No. 226 W. Forty-fifth street.

Plan No. 4287, for one tenement-house, Nos. 45 and 45½ Catharine street.

Plan No. 4288, for two tenement-houses, south side of One Hundred and Fifth street, of Tenth avenue.

Plan No. 4289, for one hospital building, southwest corner of One Hundred and Sixth street and Eighth avenue, conditionally.

Plan No. 4290, for one tenement-house, No. 380 Third avenue, conditionally.

Plan No. 4291, for one stable, No. 433 East Seventy-sixth street, conditionally.

Plan No. 4292, for one office building, Nos. 3 and 5 Pine street, and No. 6 Wall street.

Plan No. 4293, for two tenement-houses, southwest corner Eighty-first street and Lexington avenue.

Plan No. 4294, for one tenement-house No. 148 Christie street.

Plan No. 4295, for nine tenement-houses, north side Ninety-fourth street, one hundred feet east of Tenth avenue, as amended.

Plan No. 4296, for three dwellings, north side of Ninety-third street, two hundred and fifty feet east of Ninth avenue, as amended.

Plan No. 4297, for one dwelling, south side of Downing street, eighty feet east of Bedford street.

Plan No. 4299, for one warehouse, north side of Worth street, eighty-six feet five inches east of Elm street, conditionally.

Plan No. 4300, for one skating-rink, north side of One Hundred and Seventh street, sixty feet west of Lexington avenue.

Plan No. 4301, for four tenement-houses, east side of Suffolk street, one hundred feet north of Rivington street.

Plan No. 4302, for three tenement-houses, east side of Third avenue, twenty-five feet five inches north of Sixty-seventh street, conditionally.

Plan No. 4303, for one tenement-house, northwest corner Third avenue and Sixty-seventh street, conditionally.

Plan No. 4304, for two dwellings, north side of One Hundred and Fifty-sixth street, one hundred and seventy-five feet west of Courtland avenue, conditionally.

Plan No. 4306, for ten dwellings, north side of One Hundred and Twenty-third street, one hundred feet east of Morningside avenue.

Plan No. 4307, for three tenement-houses, southeast corner Second avenue and First street.

Plan No. 4308, for one dwelling, west side of North Third avenue, twenty-five feet south of One Hundred and Sixty-eighth street.

Plan No. 4309, for one dwelling, south side of One Hundred and Thirtieth street, one hundred feet east of Eighth avenue, as amended.

Plan No. 4311, for twenty-one dwellings, fourteen on north side of Seventy-fourth street, seventy feet east of Eleventh avenue; five on and adjoining northeast corner of Seventy-fourth street and Eleventh avenue, and two on south side of Seventy-fifth street, sixty-three feet east of Eleventh avenue.

Plan No. 4313, for one tenement-house, west side of Lexington avenue, seventy-one feet south of One Hundred and Twenty-fourth street, conditionally.

Plan No. 4314, for two tenement-houses, Nos. 507 and 509 Tenth avenue.

Plan No. 4315, for one tenement-house, No. 39 Mott street.

Plan No. 4316, for four dwellings, north side of Ninety-seventh street, one hundred and thirty-five feet east of Ninth avenue, conditionally.

Plan No. 4317, for one addition to No. 436 West Twentieth street.

Plan No. 4318, for one tenement-house, No. 521 East Twelfth street.

Plan No. 4319, for one office building, Nos. 49 and 51 Chambers street and Nos. 25 and 27 Duane street.

Plan No. 4321, for one stable, No. 144 East Thirty-ninth street, conditionally.

Plan No. 4322, for two tenement-houses, Nos. 583 and 587 Lexington avenue.

Plan No. 4323, for two tenement-houses, Nos. 438 and 440 East Thirtieth street.

Plan No. 4324, for three tenement-houses, south side of Eighty-sixth street, two hundred and fifteen feet east of Second avenue.

Plan No. 4325, for one tenement-house, west side of Eighth avenue, seventy-five feet south of One Hundred and Forty-fourth street, as amended.

Plan No. 4326, for one store, southwest corner of Greene and Houston streets, conditionally.

Plan No. 4329, for one tenement-house, Nos. 140 and 142 Varick street.

Plan No. 4330, for four tenement-houses, southwest corner of Tenth avenue and Sixty-second street.

Plan No. 4331, for one warehouse, south side of Reade street, twenty-four feet nine inches, east of West Broadway.

Plan No. 4332, for six dwellings, south side of One Hundred and Forty-second street, three hundred feet west of Third avenue.

Plan No. 4333, for one tenement-house, No. 56 Ludlow street.

Plan No. 4334, for one tenement-house, No. 139 Division street.

Plan No. 4336, for one tenement-house, No. 322 East One Hundred and Fifteenth street, conditionally.

Plan No. 4337, for one tenement-house, north side of One Hundred and Forty-fifth street, two hundred feet west of St. Ann's avenue, conditionally.

Plan No. 4328, for one stable, north side of Ninetieth street, one hundred and fifty feet west of Second avenue, as amended.

Plan No. 4338, for six tenement-houses, on and adjoining northeast corner of One Hundred and Twenty-fifth street and Second avenue.

Plan No. 4339, for three dwellings, north side of Eighty-seventh street, twenty-five feet west of Ninth avenue.

Tabled for Amendment.

Resolved, That plans for plumbing and drainage of the following new houses be and are hereby tabled for amendment :

Plan No. 4405, for one office building, No. 9 West Seventeenth street.

Plan No. 4310, for two dwellings, Nos. 160 and 162 Canal street.

Plan No. 4312, for one tenement-house, southwest corner of One Hundred and Twenty-fourth street and Lexington avenue.

Plan No. 4335, for five dwellings, north side of Seventieth street, one hundred and five feet east of Boulevard.

Resolved, That the following violations of law in the plumbing and drainage of new houses be and are hereby referred to the attorney :

Violation No. 2397, for one house, southwest corner Ninth avenue and Fifty-sixth street.

Violation No. 2698, for five houses, south side Seventy-second street, two hundred feet east of Boulevard.

Violation No. 2804, for one house, No. 308 East Fifty-sixth street.
 Violation No. 2814, for one house, east side Tenth avenue, between One Hundred and Twenty-eighth and One Hundred and Twenty-ninth streets.
 Violation No. 2860, for one house, south side Fifty-fifth street, one hundred and seventy-five feet west of Ninth avenue.
 Violation No. 2878, for two houses, east side Avenue A, fifty-one feet north of Eightieth street.
 Violation No. 2939, for one house, northwest corner One Hundred and Twenty-sixth street and Lexington avenue.
 Violation No. 2951, for one house, No. 1466 Second avenue.
 Violation No. 2978, for two houses, southeast corner Avenue A and Eightieth street.
 Violation No. 2984, for nine houses, north side Ninety-fourth street, one hundred and fifty feet east of Tenth avenue.
 Violation No. 2986, for one house, No. 825 First avenue.
 Violation No. 2988, for two houses, Nos. 110 and 112 East Forty-first street.
 Violation No. 2995, for seven houses, east side Eighth avenue, twenty-five feet south of One Hundred and Twenty-second street.
 Violation No. 3004, for one house, No. 1468 Second avenue.
 Violation No. 3005, for one house, No. 1466 Second avenue.
 Violation No. 3014, for one house, No. 2009 Third avenue.
 Violation No. 3018, for three houses, southeast corner One Hundred and Third street and Third avenue.
 Violation No. 3021, for nine houses, south side Ninety-fourth street, one hundred feet east of Tenth avenue.
 Violation No. 3022, for three houses, southeast corner Ninety-seventh street and Ninth avenue.
 Violation No. 3024, for one house, southwest corner Bleecker and Mott streets.
 Violation No. 3037, for one house, northeast corner Ninety-first street and Fourth avenue.
 Violation No. 3038, for one house, No. 177 East Eighty-second street.
 Violation No. 3040, for one house, south side One Hundred and Fourth street, eighty feet west of Third avenue.

Resolved, That the following violations of law in the light and ventilation of new tenement-houses be and are hereby referred to the attorney.
 Violation No. 155, for two houses, southwest corner Eighth avenue and One Hundred and Twenty-third street.
 Violation No. 201, for one house, south side One Hundred and Forty-ninth street, one hundred feet east of Robbins avenue.
 Violation No. 208, for two houses, Nos. 292 and 294 Delancey street.
 Violation No. 256, for two houses, east side Ninth avenue, twenty-five feet north of Ninety-fifth street.
 Violation No. 265, for one house, southwest corner Ryder avenue and One Hundred and Forty-fourth street.
 Violation No. 267, for four houses, north side Sixty-ninth street, two hundred and forty feet east of Third avenue.
 Violation No. 268, for five houses, south side Sixty-first street, eighty-three feet west of Grand Boulevard.
 Violation No. 270, for two houses, east side Avenue A, fifty feet north of Eightieth street.
 Violation No. 271, for four houses, south side of Seventy-fifth street, one hundred feet east of Second avenue.
 Violation No. 273, for one lodging-house, northeast corner Avenue B and Eighth street.
 Violation No. 274, for one house, No. 126 Mulberry street.
 Violation No. 276, for one house, No. 199 Broadway.
 Violation No. 277, for six houses, south side of Eighty-fourth street, ninety-three feet six inches west of Third avenue.
 Violation No. 278, for three houses, west side Eighth avenue, one hundred and forty-nine feet south of One Hundred and Thirty-third street.

Resolved, That the following violations of law in the light and ventilation of new tenement-houses be and are hereby referred to the attorney.

Violation No. 155, for two houses, southwest corner Eighth avenue and One Hundred and Twenty-third street.

Violation No. 201, for one house, south side One Hundred and Forty-ninth street, one hundred feet east of Robbins avenue.

Violation No. 208, for two houses, Nos. 292 and 294 Delancey street.

Violation No. 256, for two houses, east side Ninth avenue, twenty-five feet north of Ninety-fifth street.

Violation No. 265, for one house, southwest corner Ryder avenue and One Hundred and Forty-fourth street.

Violation No. 267, for four houses, north side Sixty-ninth street, two hundred and forty feet east of Third avenue.

Violation No. 268, for five houses, south side Sixty-first street, eighty-three feet west of Grand Boulevard.

Violation No. 270, for two houses, east side Avenue A, fifty feet north of Eightieth street.

Violation No. 271, for four houses, south side of Seventy-fifth street, one hundred feet east of Second avenue.

Violation No. 273, for one lodging-house, northeast corner Avenue B and Eighth street.

Violation No. 274, for one house, No. 126 Mulberry street.

Violation No. 276, for one house, No. 199 Broadway.

Violation No. 277, for six houses, south side of Eighty-fourth street, ninety-three feet six inches west of Third avenue.

Violation No. 278, for three houses, west side Eighth avenue, one hundred and forty-nine feet south of One Hundred and Thirty-third street.

Resolved, That the following violations of law in the light and ventilation of new tenement-houses be and are hereby referred to the attorney.

Violation No. 155, for two houses, southwest corner Eighth avenue and One Hundred and Twenty-third street.

Violation No. 201, for one house, south side One Hundred and Forty-ninth street, one hundred feet east of Robbins avenue.

Violation No. 208, for two houses, Nos. 292 and 294 Delancey street.

Violation No. 256, for two houses, east side Ninth avenue, twenty-five feet north of Ninety-fifth street.

Violation No. 265, for one house, southwest corner Ryder avenue and One Hundred and Forty-fourth street.

Violation No. 267, for four houses, north side Sixty-ninth street, two hundred and forty feet east of Third avenue.

Violation No. 268, for five houses, south side Sixty-first street, eighty-three feet west of Grand Boulevard.

Violation No. 270, for two houses, east side Avenue A, fifty feet north of Eightieth street.

Violation No. 271, for four houses, south side of Seventy-fifth street, one hundred feet east of Second avenue.

Violation No. 273, for one lodging-house, northeast corner Avenue B and Eighth street.

Violation No. 274, for one house, No. 126 Mulberry street.

Violation No. 276, for one house, No. 199 Broadway.

Violation No. 277, for six houses, south side of Eighty-fourth street, ninety-three feet six inches west of Third avenue.

Violation No. 278, for three houses, west side Eighth avenue, one hundred and forty-nine feet south of One Hundred and Thirty-third street.

Resolved, That the following violations of law in the light and ventilation of new tenement-houses be and are hereby referred to the attorney.

Violation No. 155, for two houses, southwest corner Eighth avenue and One Hundred and Twenty-third street.

Violation No. 201, for one house, south side One Hundred and Forty-ninth street, one hundred feet east of Robbins avenue.

Violation No. 208, for two houses, Nos. 292 and 294 Delancey street.

Violation No. 256, for two houses, east side Ninth avenue, twenty-five feet north of Ninety-fifth street.

Violation No. 265, for one house, southwest corner Ryder avenue and One Hundred and Forty-fourth street.

Violation No. 267, for four houses, north side Sixty-ninth street, two hundred and forty feet east of Third avenue.

Violation No. 268, for five houses, south side Sixty-first street, eighty-three feet west of Grand Boulevard.

Violation No. 270, for two houses, east side Avenue A, fifty feet north of Eightieth street.

Violation No. 271, for four houses, south side of Seventy-fifth street, one hundred feet east of Second avenue.

Violation No. 273, for one lodging-house, northeast corner Avenue B and Eighth street.

Violation No. 274, for one house, No. 126 Mulberry street.

Violation No. 276, for one house, No. 199 Broadway.

Violation No. 277, for six houses, south side of Eighty-fourth street, ninety-three feet six inches west of Third avenue.

Violation No. 278, for three houses, west side Eighth avenue, one hundred and forty-nine feet south of One Hundred and Thirty-third street.

Resolved, That the following violations of law in the light and ventilation of new tenement-houses be and are hereby referred to the attorney.

Violation No. 155, for two houses, southwest corner Eighth avenue and One Hundred and Twenty-third street.

Violation No. 201, for one house, south side One Hundred and Forty-ninth street, one hundred feet east of Robbins avenue.

Violation No. 208, for two houses, Nos. 292 and 294 Delancey street.

Violation No. 256, for two houses, east side Ninth avenue, twenty-five feet north of Ninety-fifth street.

Violation No. 265, for one house, southwest corner Ryder avenue and One Hundred and Forty-fourth street.

Violation No. 267, for four houses, north side Sixty-ninth street, two hundred and forty feet east of Third avenue.

Violation No. 268, for five houses, south side Sixty-first street, eighty-three feet west of Grand Boulevard.

Violation No. 270, for two houses, east side Avenue A, fifty feet north of Eightieth street.

Violation No. 271, for four houses, south side of Seventy-fifth street, one hundred feet east of Second avenue.

The certificates of 700 births, 41 still-births, 273 marriages, and 535 deaths, reported to have taken place in this City, were received by this Bureau during the week ending Saturday, October 31, 1885. This shows an increase of 91 births and 21 marriages, and a decrease of 25 still-births and 34 deaths, when compared with the number received during the preceding week, but when compared with the corresponding week of the year 1884 there was an increase of 118 births, and a decrease of 21 still-births, 27 marriages and 87 deaths. Compared with the mortality reported during the preceding week, the deaths from scarlatina decreased 1; small-pox, 1; whooping cough, 6; erysipelas, 2; typhus fever, 1; malarial fevers, 2; diarrhoeal diseases, 7; inanition, 2; pneumonia, 2; heart diseases, 2; aneurism, 1; marasmus, tabes mesenterica and scrofula, 10; convulsions, 7; all diseases of the brain and nervous system, 3; gastritis, enteritis, and peritonitis, 3; Bright's disease and nephritis, 5; cyanosis and atelectasis, 1; premature and preterm births, 2; drowning, 1; while the deaths from diphtheria increased 3; croup, 5; typhoid fever, 2; puerperal diseases, 3; cancer, 1; phthisis pulmonalis, 8; hydrocephalus and tubercular meningitis, 3; meningitis and encephalitis, 1; apoplexy, 2; cirrhosis and hepatitis, 2. The number of deaths from measles, cerebro spinal fever, alcoholism, rheumatism, gout, bronchitis, surgical operations and suicide, was the same in the two successive weeks.

Deaths from the principal Zymotic Diseases, Phthisis Pulmonalis, Pneumonia, Bronchitis, and Children under five years of age, reported during the week and compared with the three preceding weeks.

| WEEK ENDING— | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Membranous Croup. | Whooping Cough. | Typhus Fever. | Typhoid Fever. | Cerebro-Spinal Fever. | Remittent, Intermittent, Typho-Malarial, Continuous, and Simple Continued Fevers. | Diarrhoeal Diseases. | Phthisis Pulmonalis. | Pneumonia. | Bronchitis. | Diseases of the Nervous System. | Diseases of the Urinary System. | DEATHS OF CHILDREN. | | |
|--------------------|------------|----------|-------------|-------------|-------------------|-----------------|---------------|----------------|-----------------------|---|----------------------|----------------------|------------|-------------|---------------------------------|---------------------------------|----------------------|-----------------------|-----------------------|
| | | | | | | | | | | | | | | | | | Under 1 year of age. | Under 2 years of age. | Under 5 years of age. |
| Oct. 10, 1885..... | 1 | .. | 1 | 18 | 10 | 14 | .. | 14 | 2 | 8 | 65 | 97 | 36 | 26 | 43 | 32 | 154 | 190 | 235 |
| " 17, " | 1 | .. | 2 | 25 | 18 | 5 | 1 | 14 | 5 | 8 | 35 | 90 | 35 | 18 | 37 | 44 | 115 | 150 | 193 |
| " 24, " | 1 | 1 | 5 | 18 | 13 | 10 | 1 | 8 | 3 | 10 | 31 | 102 | 38 | 21 | 56 | 49 | 129 | 164 | 201 |
| " 31, " | .. | 1 | 4 | 21 | 18 | 4 | .. | 10 | 3 | 8 | 24 | 110 | 36 | 21 | 53 | 41 | 104 | 143 | 190 |
| Total..... | 3 | 2 | 12 | 82 | 59 | 33 | 2 | 46 | 13 | 34 | 155 | 399 | 145 | 86 | 189 | 166 | 502 | 647 | 819 |

The ages of 104 of the persons who died during the week were reported to be under one year, 143 under two years, 190 under five years, and 36 seventy years and over, which shows that the number of deaths of children under five years of age was 0 more than the number reported during the preceding week, and represent 35.51 per cent. of the total weekly mortality.

Deaths reported from Small-pox, Measles, Scarlatina, Diphtheria, Membranous Croup, Whooping Cough, Typhus, Typhoid, Cerebro-Spinal, and Malarial Fevers, in Institutions, Tenement and other Dwellings, with Average Age, Floor, and Ward where the Death occurred, and the Hour of Death, for the week ending October 31, 1885.

| DISEASE. | In Houses containing 3 Families and under. | In Houses containing over 3 Families. | Canal Boats. | Hotels and Boarding-houses. | Institutions. | FLOOR. | | | | | | | | | | AVERAGE AGE. | | | |
|----------------------|--|---------------------------------------|--------------|-----------------------------|---------------|-----------|--------|---------|--------|---------|--------|--------|------|-------------|--------|--------------|-------|----|----|
| | | | | | | Basement. | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Top. | Not Stated. | Years. | Months. | Days. | | |
| Small-pox..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles..... | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. |
| Scarlatina..... | 1 | 3 | .. | .. | .. | 2 | .. | 2 | .. | .. | .. | .. | .. | 5 | 8 | 8 | .. | .. | .. |
| Diphtheria..... | 4 | 14 | .. | .. | 3 | 1 | 2 | 4 | 3 | 4 | 1 | .. | 3 | 3 | 2 | 22 | .. | .. | .. |
| Membranous Croup.. | 3 | 15 | .. | .. | .. | 5 | 7 | 1 | 2 | 2 | .. | 1 | .. | 3 | 1 | 5 | .. | .. | .. |
| Whooping Cough.... | .. | 3 | .. | .. | 1 | .. | .. | 2 | 1 | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. |
| Typhus Fever..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Typhoid Fever..... | .. | 6 | .. | .. | 4 | .. | 1 | 2 | 1 | 2 | .. | .. | .. | 23 | 11 | 5 | .. | .. | .. |
| Cerebro-Spinal Fever | .. | 2 | .. | .. | 1 | .. | 2 | .. | .. | .. | .. | .. | 11 | 6 | 6 | .. | .. | .. | .. |
| Malarial Fevers..... | .. | 7 | .. | 1 | .. | .. | 2 | 2 | 3 | .. | 1 | .. | 15 | 8 | 10 | .. | .. | .. | .. |

| DISEASE. | WARDS. | | | | | | | | | | | | | | | | | | | | TOTAL DEATHS. |
|----------------------|--------|---------|--------|---------|--------|--------|----------|---------|--------|--------|-----------|----------|-------------|-------------|------------|------------|--------------|-------------|-------------|------------|---------------|
| | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Eighth. | Ninth. | Tenth. | Eleventh. | Twelfth. | Thirteenth. | Fourteenth. | Fifteenth. | Sixteenth. | Seventeenth. | Eighteenth. | Nineteenth. | Twentieth. | |
| Small-pox..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Scarlatina..... | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 4 |
| Diphtheria..... | 3 | .. | 3 | .. | .. | 2 | .. | .. | .. | 1 | 1 | .. | .. | 1 | .. | 4 | 1 | 2 | 2 | 1 | 21 |
| Membranous Croup.. | .. | .. | .. | .. | .. | 2 | 1 | .. | 1 | 1 | 1 | .. | .. | 2 | 2 | 2 | 2 | 1 | 5 | .. | 18 |
| Whooping Cough.... | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 4 |
| Typhus Fever..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Typhoid Fever..... | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | .. | 4 | 1 | .. | 1 | .. | 10 |
| Cerebro-Spinal Fever | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 3 |
| Malarial Fevers..... | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | 2 | .. | 8 |

Hours at which Deaths Occurred.

| DISEASE. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | Total. | | |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------|-------------|-------------|
| | 1 o'clock. | 2 o'clock. | 3 o'clock. | 4 o'clock. | 5 o'clock. | 6 o'clock. | 7 o'clock. | 8 o'clock. | 9 o'clock. | 10 o'clock. | 11 o'clock. | 12 o'clock. | 1 o'clock. | 2 o'clock. | 3 o'clock. | 4 o'clock. | 5 o'clock. | 6 o'clock. | 7 o'clock. | 8 o'clock. | 9 o'clock. | 10 o'clock. | | 11 o'clock. | 12 o'clock. | Not stated. |
| Small-pox..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles..... | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Scarlatina..... | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 4 |
| Diphtheria..... | 1 | 1 | 1 | 1 | 2 | 1 | .. | 1 | 1 | .. | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | .. | 1 | .. | .. | .. | .. | 21 |
| Membranous Croup.. | .. | .. | 1 | 1 | 1 | 1 | .. | 2 | 1 | .. | .. | .. | 2 | 2 | 1 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | 18 |
| Whooping Cough.... | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Typhus Fever..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Typhoid Fever..... | .. | .. | 1 | 1 | .. | 1 | .. | .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 | .. | .. | 1 | 1 | .. | .. | 10 |
| Cerebro-Spinal Fever | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 3 |
| Malarial Fevers..... | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | .. | 1 | 1 | 1 | .. | .. | .. | .. | 8 |

Of the total number of deaths reported for the week, 105 were in institutions, 315 in tenement-houses, 105 in houses containing three families or less, 4 in hotels and boarding-houses, 6 in rivers, streets, boats, etc.; 9 were on the basement floor, 81 on the first, 146 on the second, 110 on the third, 52 on the fourth, 23 on the fifth, 2 on the sixth; 535 were stated to be residents of New York City, and 0 non-residents; 67 were stated to be single, 167 married, 78 widowed, and the condition of 223 was not stated; these were children who had not attained a marriageable age.

The total number of burial permits issued during the week are as follows, viz.: City deaths, 535; still-births, 41; bodies in transitu, 23; of the total burial permits issued for city deaths and still-births, 58 were upon certificates received from the Coroners; 700 births, 273 marriages, 41 still-births, 535 deaths; 23 applications for transit permits were recorded, indexed and tabulated; 123 searches of the registers of births, marriages, and deaths were made, and 12 transcripts of the birth record, 11 of marriage, and 61 of death were issued during the week.

The mean temperature for the week ending October 31, 1885, was 51.1 degrees Fahr., the mean reading of the barometer was 29.810, the mean humidity was 76, saturation being 100, the number of miles traveled by the wind was 1,118, and the total amount of rain-fall was 0.88 inches depth of water, as reported by D. Draper, Ph. D., Director of the New York Meteorological Observatory, Central Park.

The disposition of 522 deaths and still-births, or 90.63 per cent. of the total number reported, was in the following 14 cemeteries: Bayside (Jewish), 12; Calvary (Roman Catholic), 229; City pauper burial-ground (undenominational), 64; Greenwood (undenominational), 32; Lutheran (undenominational), 82; Cypress Hills (undenominational), 16; Evergreen (undenominational), 34; Woodlawn (undenominational), 20; St. Michael's (Protestant Episcopal), 5; Union (Methodist Protestant), 2; Holy Cross (Roman Catholic), 6; Machpelah, L. I. (Jewish), 5; St. Raymond's (Roman Catholic), 4; Washington (undenominational), 11.

The distribution of deaths (actual mortality) for the week ending October 24, 1885, was in the following Wards, viz.: First, 7; Second, 0; Third, 3; Fourth, 15; Fifth, 3; Sixth, 12; Seventh, 19; Eighth, 10; Ninth, 19; Tenth, 20; Eleventh, 21; Twelfth, 57; Thirteenth, 18; Fourteenth, 14; Fifteenth, 8; Sixteenth, 13; Seventeenth, 28; Eighteenth, 28; Nineteenth, 94; Twentieth, 32; Twenty-first, 30; Twenty-second, 44; Twenty-third, 14; Twenty-fourth, 4.

The actual mortality for the week ending October 24, 1885, was 513; this is 126 less than the number that occurred during the corresponding week of the year 1884, and 100.4 less than the average of the corresponding weeks of the past five years, and represents an annual death-rate of 18.89 per 1,000 persons living, the population estimated at 1,412,521.

The annual death-rate per 1,000 persons living, of the estimated or enumerated population, according to the most recent weekly returns of Philadelphia was 17.54; Brooklyn, 19.43; Baltimore, 18.45; Boston, 18.65; New Orleans, 34.00; Newark, 18.69; Richmond, 29.12; Charleston, 38.79; Lowell, 12.99; Worcester, 14.45; Cambridge, 13.92; Fall River, 23.76; Lawrence, 5.36; Lynn, 11.30; Springfield, 9.69; Pittsburgh, 15.60. Foreign cities—weekly returns—London, 17.2; Liverpool, 19.9; Birmingham, 17.1; Manchester, 24.0; Glasgow, 20.4; Edinburgh, 17.2; Dundee, 18.7; Brussels, 15.7; Antwerp, 15.5; Ghent, 22.9; Munich, 24.3; Breslau, 23.44; Vienna, 19.9; Trieste, 29.43; Stockholm, 17.7; Christiania, 17.1; Amsterdam, 18.0; Rotterdam, 19.0; The Hague, 18.9; Bombay, 25.99; Warsaw, 21.72; Salford, 20.7; Liege, 17.3; Prague and suburbs, 25.4. Monthly return—Marseilles, 36.3. Return for ten days—Turin, 16.6.

The certificates of 545 births, 64 still-births, 195 marriages and 504 deaths, reported to have taken place in this city, were received by this Bureau during the week ending Saturday, November 7, 1885. This shows a decrease of 155 births, 78 marriages and 31 deaths, and an increase of 23 still-births, when compared with the number received during the preceding week; but when compared with the corresponding week of the year 1884, there was an increase of 25 births and 3 still-births, and a decrease of 56 marriages and 124 deaths. Compared with the mortality reported during the preceding week, the deaths from typhoid fever decreased, 2; malarial fevers, 3; puerperal diseases, 5; diarrhoeal diseases, 10; rheumatism and gout, 1; cancer, 2; phthisis pulmonalis, 28; hydrocephalus and tubercular meningitis, 4; meningitis and encephalitis, 2; apoplexy, 6; all diseases of the brain and nervous system, 10; cirrhosis and hepatitis, 3; Bright's disease and nephritis, 4; cyanosis and atelectasis, 5; suicide, 1; drowning, 3; while the deaths from small-pox increased 1; scarlatina, 2; diphtheria, 6; whooping cough, 3; erysipelas, 2; cerebro-spinal fever, 1; inanition, 1; alcoholism, 1; bronchitis, 8; pneumonia, 5; heart diseases, 3; aneurism, 3; marasmus, tabes mesenterica and scrofula, 6; convulsions, 1. The number of deaths from measles, crop, gastritis, enteritis and peritonitis, premature and preterm births and surgical operations was the same in the two successive weeks.

Deaths from the principal Zymotic Diseases, Phthisis Pulmonalis, Pneumonia, Bronchitis, and Children under five years of age, reported during the week and compared with the three preceding weeks.

| WEEK ENDING— | Small-pox. | Measles. | Scarlatina. | Diphtheria. | Membranous Croup. | Whooping Cough. | Typhus Fever. | Typhoid Fever. | Cerebro-Spinal Fever. | Remittent, Intermittent, Typho-Malarial, Colic, and Simple Continued Fevers. | Diarrhoeal Diseases. | Phthisis Pulmonalis. | Pneumonia. | Bronchitis. | Diseases of the Nervous System. | Diseases of the Urinary System. | DEATHS OF CHILDREN. | | |
|-------------------|------------|----------|-------------|-------------|-------------------|-----------------|---------------|----------------|-----------------------|--|----------------------|----------------------|------------|-------------|---------------------------------|---------------------------------|----------------------|-----------------------|-----------------------|
| | | | | | | | | | | | | | | | | | Under 1 year of age. | Under 2 years of age. | Under 5 years of age. |
| Oct. 17, 1885.... | 1 | .. | 2 | 25 | 18 | 5 | 1 | 14 | 5 | 8 | 35 | 90 | 35 | 18 | 37 | 44 | 115 | 150 | 193 |
| " 24, " | 1 | 1 | 5 | 18 | 13 | 10 | 1 | 8 | 3 | 10 | 31 | 102 | 38 | 21 | 56 | 49 | 129 | 164 | 201 |
| " 31, " | .. | 1 | 4 | 21 | 18 | 4 | .. | 10 | 3 | 8 | 24 | 110 | 36 | 21 | 53 | 41 | 104 | 143 | 190 |
| Nov. 7, " | 1 | 1 | 6 | 27 | 18 | 7 | .. | 8 | 4 | 5 | 14 | 82 | 41 | 29 | 43 | 35 | 111 | 152 | 190 |
| Totals..... | 3 | 3 | 17 | 91 | 67 | 26 | 2 | 40 | 15 | 31 | 104 | 384 | 150 | 89 | 189 | 169 | 459 | 609 | 774 |

The ages of 111 of the persons who died during the week were reported to be under one year; 152 under two years, 190 under five years, and 45 seventy years and over, which shows that the number of deaths of children under five years of age was the same as that reported during the preceding week, and represent 37.70 per cent. of the total weekly mortality.

Deaths reported from Small-pox, Measles, Scarlatina, Diphtheria, Membranous Croup, Whooping Cough, Typhus, Typhoid, Cerebro-Spinal, and Malarial Fevers, in Institutions, Tenement and other Dwellings, with Average Age, Floor, and Ward where the Death occurred, and the Hour of Death, for the week ending November 7, 1885.

| DISEASE. | In Houses containing 3 Families and under. | In Houses containing over 3 Families. | Canal Boats. | Hotels and Boarding-houses. | Institutions. | Basement. | FLOOR. | | | | | | Not Stated. | AVERAGE AGE. | | |
|---------------------------|--|---------------------------------------|--------------|-----------------------------|---------------|-----------|--------|---------|--------|---------|--------|--------|-------------|--------------|---------|-------|
| | | | | | | | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Top. | Years. | Months. | Days. |
| Small-pox..... | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 26 | .. | .. |
| Measles..... | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. |
| Scarlatina..... | 2 | 4 | .. | .. | .. | 2 | 3 | .. | 1 | .. | .. | .. | .. | 2 | 3 | 1 |
| Diphtheria..... | 5 | 22 | .. | .. | .. | 8 | 5 | 6 | 5 | 2 | .. | 1 | .. | 3 | 1 | 5 |
| Membranous Croup..... | 5 | 13 | .. | .. | .. | 2 | 6 | 8 | 1 | .. | .. | 1 | .. | 2 | 7 | 12 |
| Whooping Cough..... | 3 | 4 | .. | .. | .. | .. | 3 | 3 | 1 | .. | .. | .. | .. | 11 | 4 | .. |
| Typhus Fever..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Typhoid Fever..... | 3 | 3 | .. | .. | 2 | .. | 2 | 4 | .. | .. | .. | .. | .. | 33 | 2 | 23 |
| Cerebro-Spinal Fever..... | .. | 5 | .. | .. | .. | 1 | 2 | .. | 1 | 1 | .. | .. | .. | 1 | 3 | 22 |
| Malarial Fevers..... | 3 | 2 | .. | .. | .. | 1 | 2 | 1 | 1 | .. | .. | .. | .. | 20 | 8 | 22 |

| DISEASE. | WARDS. | | | | | | | | | | | | | | | | | | | | TOTAL DEATHS. |
|---------------------------|--------|---------|--------|---------|--------|--------|----------|---------|--------|--------|-----------|----------|-------------|-------------|------------|------------|--------------|-------------|-------------|------------|---------------|
| | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Eighth. | Ninth. | Tenth. | Eleventh. | Twelfth. | Thirteenth. | Fourteenth. | Fifteenth. | Sixteenth. | Seventeenth. | Eighteenth. | Nineteenth. | Twentieth. | |
| Small-pox..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Measles..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Scarlatina..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | .. | 2 | .. | .. | 6 |
| Diphtheria..... | .. | .. | 1 | 2 | .. | 2 | 2 | .. | 1 | 3 | 3 | 1 | .. | .. | .. | .. | 1 | 2 | 2 | 2 | 27 |
| Membranous Croup..... | 1 | .. | 1 | 1 | .. | 1 | 1 | 2 | 1 | .. | 1 | 1 | .. | .. | .. | 2 | 1 | 5 | .. | .. | 18 |
| Whooping Cough..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | 7 |
| Typhus Fever..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Typhoid Fever..... | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 2 | .. | 2 | .. | .. | 8 |
| Cerebro-Spinal Fever..... | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 5 |
| Malarial Fevers..... | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 5 |

Hours at which Deaths Occurred.

| DISEASE. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | | Total. |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|--------|
| | 1 o'clock. | 2 o'clock. | 3 o'clock. | 4 o'clock. | 5 o'clock. | 6 o'clock. | 7 o'clock. | 8 o'clock. | 9 o'clock. | 10 o'clock. | 11 o'clock. | 12 o'clock. | 1 o'clock. | 2 o'clock. | 3 o'clock. | 4 o'clock. | 5 o'clock. | 6 o'clock. | 7 o'clock. | 8 o'clock. | 9 o'clock. | 10 o'clock. | 11 o'clock. | 12 o'clock. | |
| Small-pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Measles | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Scarlatina | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | |
| Diphtheria | .. | .. | 3 | 1 | 2 | 1 | .. | .. | 1 | .. | 1 | 1 | .. | 2 | 5 | 2 | .. | .. | 1 | 2 | .. | 2 | 2 | 1 | 2 |
| Membranous Croup. | 2 | 1 | 1 | 1 | 1 | .. | .. | 1 | 1 | .. | 3 | 1 | 1 | .. | 1 | 1 | 1 | .. | .. | .. | 1 | 1 | .. | 1 | |
| Whooping Cough.... | .. | 2 | .. | 1 | .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Typhus Fever..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Typhoid Fever..... | .. | 1 | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | 2 | 1 | .. | .. | .. | .. | 1 | .. | .. | |
| Cerebro-Spinal Fever | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | |
| Malarial Fevers..... | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | |

Of the total number of deaths reported for the week, 84 were in institutions, 287 in tenement-houses, 119 in houses containing three families or less, 7 in hotels and boarding-houses, 3 in rivers, streets, boats, etc.; 10 were on the basement floor, 90 on the first, 156 on the second, 76 on the third, 53 on the fourth, 23 on the fifth, 4 on the sixth; 504 were stated to be residents of New York City and 0 non-resident, 49 were stated to be single, 126 married, 62 widowed, and the condition of 267 was not stated, these were children who had not attained a marriageable age.

The total number of burial permits issued during the week are as follows, viz.: City deaths, 504; still-births, 64; bodies in transitu, 21; of the total burial permits issued for city deaths and still-births 64 were upon certificates received from the Coroners; 545 births, 195 marriages, 64 still-births, 504 deaths, 21 applications for transit permits were recorded, indexed and tabulated; 91 searches of the registers of births, marriages and deaths were made, and 6 transcripts of the birth record, 8 of marriage and 55 of death were issued during the week.

The mean temperature for the week ending November 7, 1885, was 51.5 degrees Fahrenheit, the mean reading of the barometer was 29.859; the mean humidity was 71, saturation being 100; the number of miles traveled by the wind was 1,403, and the total amount of rain-fall was 1.55 inches depth of water, as reported by D. Draper, Ph. D., Director of the New York Meteorological Observatory, Central Park.

The disposition of 503 deaths and still-births, or 88.40 per cent. of the total number reported, was in the following 14 cemeteries: Bayside (Jewish), 11; Calvary (Roman Catholic), 209; City pauper burial-ground (undenominational), 55; Greenwood (undenominational), 37; Lutheran (undenominational), 90; Cypress Hills (undenominational), 19; Evergreen (undenominational), 26; Woodlawn (undenominational), 21; St. Michael's (Protestant Episcopal), 11; Union (Methodist Protestant), 4; Holy Cross (Roman Catholic), 7; Machpelah, L. I. (Jewish), 4; St. Raymond's (Roman Catholic), 1; Washington (undenominational), 8.

The distribution of deaths (actual mortality) for the week ending October 31, 1885, was in the following wards, viz.: First, 12; Second, 0; Third, 2; Fourth, 11; Fifth, 6; Sixth, 6; Seventh, 26; Eighth, 11; Ninth, 20; Tenth, 16; Eleventh, 16; Twelfth, 49; Thirteenth, 11; Fourteenth, 15; Fifteenth, 10; Sixteenth, 15; Seventeenth, 31; Eighteenth, 28; Nineteenth, 101; Twentieth, 37; Twenty-first, 50; Twenty-second, 45; Twenty-third, 12; Twenty-fourth, 7.

The actual mortality for the week ending October 31, 1885, was 537; this is 91 less than the number that occurred during the corresponding week of the year 1884, and 57.4 less than the average of the corresponding weeks of the past five years, and represents an annual death rate of 19.75 per 1,000 persons living, the population estimated at 1,413,320.

The annual death-rate per 1,000 persons living, of the estimated or enumerated population, according to the most recent weekly returns of Philadelphia was 18.55; Boston, 21.24; New Orleans, 25.55; Buffalo, 17.50; Newark, 25.15; Richmond, 23.57; Charleston, 37.79; Galveston, 22.10; Lowell, 21.11; Worcester, 12.16; Cambridge, 19.14; Fall River, 10.98; Lynn, 10.71; Pittsburgh, 17.68. Monthly returns—St. Louis, 18.66; Cincinnati, 16.17; New Haven, 14.9; Grand Rapids, 9.53. Foreign cities—weekly returns—London, 18.6; Liverpool, 22.4; Birmingham, 15.7; Manchester, 22.7; Glasgow, 20.5; Edinburgh, 17.6; Dundee, 12.9; Dublin, 23.8; Belfast, 18.6; Cork, 26.6; Brussels, 18.3; Antwerp, 15.5; Ghent, 24.4; Paris, 21.2; Rome, 21.6; Venice, 24.8; Berlin, 20.7; Munich, 30.7; Breslau, 25.71; Vienna, 20.5; Trieste, 28.39; Copenhagen, 16.3; Stockholm, 18.7; Christiania, 18.3; Amsterdam, 19.8; Rotterdam, 20.8; The Hague, 21.6; Calcutta, 30.3; Bombay, 24.26; Madras, 32.8; Geneva with suburbs, 19.7; Basel, 23.6; Bern, 16.4; St. Petersburg, 22.6; Warsaw, 26.71; Havre, 30.9; Salford, 19.2; Liege, 18.9; Prague and suburbs, 26.2. Monthly returns—Rheims, 36.96; Marseilles, 36.3; Bayonne, 26.5; Buenos Ayres, 25.9. Semi-monthly return—Saint-Etienne, 17.4. Return for ten days—Palma, 20.2.

By order of the Board.

EMMONS CLARK, Secretary.

FINANCE DEPARTMENT.

Abstract of transactions of the Finance Department for the week ending November 14, 1885:

| | |
|---|----------------|
| Deposited in the Treasury. | |
| To the Credit of the Sinking Fund..... | \$174,919 89 |
| " " City Treasury..... | 971,050 49 |
| Total..... | \$1,145,970 38 |
| Warrants Registered for Payment. | |
| The Mayoralty— | |
| Contingencies—Mayor's Office..... | \$89 70 |
| The Finance Department— | |
| Contingencies—Comptroller's Office..... | \$1,025 44 |
| Salaries—Finance Department..... | 1,328 94 |
| Interest on the City Debt..... | 2,354 38 |
| | 37,012 12 |

| | | |
|---|--------------|----------------|
| Redemption of the Principal of the City Debt..... | \$551,749 87 | |
| Aqueduct Commissioners— Additional Water Fund | 303,540 27 | |
| The Law Department— Contingencies—Law Department..... | \$811 23 | |
| For Procuring and Presenting Evidence relative to Frauds on the City and County of New York, prior to January 1, 1872. | 560 00 | |
| To Defray the Expenses of Proceedings in Street Openings | 416 66 | 1,787 89 |
| The Department of Public Works— Aqueduct—Repairs, Maintenance and Strengthening..... | \$987 40 | |
| Boulevards, Roads and Avenues, Maintenance of | 6,031 87 | |
| Free Floating Baths | 840 00 | |
| Fund for Local Improvements | 6,961 41 | |
| Lamps and Gas and Electric Lighting | 1,342 50 | |
| Repairing and Renewal of Pipes, Stop-cocks, etc. | 179 61 | |
| Repaying Streets and Avenues under Chapter 476, Laws 1875... | 17,101 00 | |
| Repairs and Renewal of Pavements and Regrading | 17,039 45 | |
| Restoring and Repaving—Special Fund—Department of Public Works | 732 00 | |
| Roads, Streets and Avenues Unpaved—Maintenance of and Sprinkling | 1,755 75 | |
| Sewers—Repairing and Cleaning | 291 48 | |
| Supplies for and Cleaning Public Offices | 39 04 | |
| Water Meter Fund, No. 2 | 534 95 | 55,036 46 |
| The Department of Public Parks— Bridge and Approaches over Mott Haven Canal, at One Hundred and Thirty-eighth Street | \$71 76 | |
| Bronx River Bridges—For the Repairing and Maintenance of Bridges over the Bronx River within the City limits | 227 96 | |
| Construction of Bridge over Harlem River | 77 54 | |
| Cromwell's Creek Bridges and Bridges other than those of the Harlem River and Bronx River | 323 64 | |
| Fund for Local Improvements | 4,431 27 | |
| Harlem River Bridges—Repairs, Improvements and Maintenance. Incumbrances—Twenty-third and Twenty-fourth Wards, Removal of | 10 75 | |
| Maintenance and Government of Parks and Places | 51 12 | |
| Maintenance—Twenty-third and Twenty-fourth Wards | 2,010 43 | |
| Riverside Park and Avenue, Improvement and Maintenance of... | 8,277 57 | |
| Sewers and Drains—Twenty-third and Twenty-fourth Wards... | 6 45 | |
| Surveying, Laying-out, etc.—Tax and Assessment Maps— Twenty-third and Twenty-fourth Wards | 37 00 | |
| Surveys, Maps and Plans | 1,957 33 | |
| | 2,100 84 | 19,583 66 |
| The Department of Public Charities and Correction— Public Charities and Correction | | 15,346 61 |
| The Health Department— Health Fund | \$462 57 | |
| Hospital Fund—For Completion of Hospital Building on North Brother Island | 1,290 31 | |
| Hospital Supplies and Transportation—For Care of Contagious Diseases | 178 09 | 1,930 97 |
| The Department of Street Cleaning— Cleaning Streets—Department of Street Cleaning | | 31,586 98 |
| The Fire Department— Fire Department Fund | | 107 54 |
| The Dock Department— Dock Fund | | 5,224 84 |
| The Board of Education— Public Instruction | \$284,935 95 | |
| Public Instruction—For Connecting the Public School Buildings with the Fire and Police Electric Alarms | 5,750 00 | |
| Public Instruction—For Purchasing and Procuring Sites for and Erecting New Buildings | 12,000 00 | |
| School-house Fund | 2,000 00 | 304,685 95 |
| The Judiciary— Salaries—City Courts | \$1,541 66 | |
| Salaries—Judiciary | 208 33 | 1,749 99 |
| Charitable Institutions— Foundling Asylum of the Sisters of Charity | | 21,343 90 |
| Advertising, Printing, Stationery and Blank Books— Publication of the CITY RECORD | \$10,550 61 | |
| Printing, Stationery and Blank Books | 2,420 91 | 12,971 52 |
| Miscellaneous— Assessment Commission, Expenses of | \$416 66 | |
| Bureau of Permits | 52 05 | |
| Civil Service of the City of New York, Expenses of | 106 51 | |
| Croton Water Rent—Refunding Account | 53 65 | |
| Election Expenses | 10 80 | |
| Judgments | 2,037 04 | |
| Refunding Taxes Paid in Error | 9 83 | |
| Support of Prisoners in County Jail | 1,662 21 | 4,348 75 |
| Total | | \$1,370,451 40 |

SUITS, ORDERS OF COURT, JUDGMENTS, ETC.

| COURT. | NAME OF PLAINTIFF. | AMOUNT. | NATURE OF ACTION. | ATTORNEY. |
|------------|---|-----------|--|--------------------|
| Supreme.. | Henry W. Unger.... | \$206 25 | Transcript of judgment..... | M. S. Isaacs. |
| Superior.. | Isabella Garvey..... | 64 27 | " " | A. B. Johnson. |
| Supreme.. | John Paine..... | 1,368 30 | Summons and complaint. To recover excess of principal and interest paid for an assess- ment for Eleventh avenue regulating, etc., from Fifty-ninth to Seventy-second street. | T. H. Baldwin. |
| " .. | John G. Wendel and others, executors, etc. | 2,618 48 | Summons and complaint. To recover excess of principal and interest paid April 23, 1873, and August 11, 1875, for an assess- ment for sewer in Seventh avenue, between Greenwich avenue and Fifty-ninth street. | C. C. Higgins. |
| " .. | Richard Koerner vs. The Mayor, etc., and another..... | 25,000 00 | Summons and complaint. For damages for personal injuries sustained on February 8, 1885, by slipping on ice and falling on the sidewalk in front of No. 8 Jones street. | Jacob Fromme. |
| Surrogate. | In matter of the peti- tion of Edward R. Cogswell, executor, and others..... | 15,000 00 | Copy of citation and copy of petition..... | Smith & Dougherty. |

CLAIMS FILED.

| DATE. | NAME OF CLAIMANT. | AMOUNT. | NATURE OF CLAIM. | ATTORNEY. |
|--------------------|---|------------|--|-----------------------------------|
| 1885. Nov. 10.. | Mary A. Smith | \$1,936 36 | Amended demand. For return of amount paid for Lease No. 51 of the sale of 1874... | A. B. Johnson. |
| " 10.. | Delia H. Tone, ex- ecutrix, etc..... | 203 00 | Claim and demand. For payment of award made in matter of change of grade of One Hundred and Twenty-third street, from New avenue to Eighth avenue..... | |
| " 12.. | Sarah E. Mortimer... | 171 50 | Demand. For repayment of amount overpaid July 15, 1873, for an assessment for Broad- way widening, etc., between Thirty-fourth and Fifty-ninth streets..... | Shipman & Acker. |
| " 13.. | Congregation of Third Order of St. Francis | 144 10 | Petition to have taxes of 1881, on premises No. 225 West Thirty-first street, canceled | |
| " 13.. | N. J. & N. J. Water- bury, Jr..... | | Claim against Thomas Cockerill for profes- sional services in the matter of his bill for \$8,286.72 for extra work on Grammar School No. 33..... | N. J. & N. J. Water- bury, Jr. |
| " 14.. | Susan Provost..... | 5,000 00 | Claim and demand. For damages for personal injuries sustained on January 31, 1884, by slipping on ice and falling on the sidewalk in front of No. 204 East One Hundred and Twenty-eighth street..... | Nelson Cross. |

CONTRACTS REGISTERED FOR THE WEEK ENDING NOVEMBER 14, 1885.

| NO. | DATE OF CONTRACT | DEPARTMENT. | NAMES OF CONTRACTORS. | DESCRIPTION OF WORK. |
|------|------------------|---|---|--|
| 7231 | Nov. 9, 1885 | Public Charities and Correction..... | Rowland A. Robbins..... (Sureties: James S. Bar- ron, F. B. Thurber. Bond, \$1,500.) | Furnishing 1,000 pairs colored blankets, 50 gross coat buttons and 10 gross fine combs. Total, \$2,443.95. |

Certificates Filed.

November 13. Certificates of the Surrogate in pursuance of chapter 483, Laws of 1885, in the following cases, viz.:

In matter of the appraisalment of the property of the estate of Elisabeth M. Cothel, deceased, assessing tax thereon, \$1,954.07. Filed October 29, 1885.

In matter of the appraisalment of the estate of George M. Chardavoyne, deceased, assessing tax thereon, \$3,923.33.

Opening of Proposals.

The Comptroller (by representative) attended the opening of proposals at the following Depart-ments, viz.:

November 11. The Department of Docks—For labor and materials for plumbing, gas-fitting and steam-heating for a building on Pier A, North river.

November 13. The Department of Public Charities and Correction—For alterations, additions and repairs to carpenter and joiner work of steamboat "Minnahanonck."

Approval of Sureties.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, viz.:

November 10. For skilled labor to erect and complete pavilion for female insane on Hart's Island, for the Department of Public Charities and Correction.
Michael Reilly, No. 1076 Fourth avenue, Principal.
Thomas R. A. Hall, No. 987 Lexington avenue, } Sureties.
Thomas Farrell, No. 2257 Third avenue, }

November 12. For repairing the hull, engine and machinery of the tug "Manhattan," for the Department of Docks.

John W. Sullivan, Nos. 304-310 Front street, Principal.
Phillip Heipershausen, No. 70 Willett street, } Sureties.
Robert Smack, No. 239 Cherry street, }

Bond Filed.

November 12. Bond of Charles T. Harvey, filed in pursuance of chapter 554, Laws of 1885.

Dated October 27, 1885. Penalty, \$100,000.

Joseph Husson, Westchester County, } Sureties.
Rowland N. Hazard, No. 40 West Thirty-eighth street, }

Approved by Chief Justice Daly, Court of Common Pleas.

Removed.

November 10. The following-named Temporary Clerks, etc., in the Bureau for the Collection of Taxes, viz.:

James L. Boyle.
John P. Dowd.
John C. Fitzgerald.
Hyman Fredricks.
Timothy Hanley.
John F. Mulligan.
Frank P. Ryan.
James Shier.
Denis M. Sheerin.
James C. Denny, Temporary Messenger.
Mrs. Mary Woolley, Temporary Superintendent, Ladies' Department.

John McCloskey.
Thomas McCann.
William Steinert.
Thomas J. O'Kane.
Moses L. Phillips.
Thomas Ryan.
Julius Simon.
William S. Wright.
Charles Seaman.

EDWARD V. LOEW, Comptroller.

BOARD OF REVISION AND CORRECTION OF ASSESSMENTS.

A meeting of the Board of Revision and Correction of Assessments was held at the Comptroller's office on Thursday, November 12, 1885, at 1.25 o'clock P. M.

Present—Edward V. Loew, Comptroller; E. Henry Lacombe, Counsel to the Corporation; Frederick Smyth, Recorder.

The minutes of the meeting held July 20, 1885, were read and approved.

The Comptroller presented the following assessment lists received from the Board of Assessors under date of August 11, 1885, viz.:

1. One Hundred and Twelfth street regulating, grading, setting curb-stones and flagging, from Madison to Sixth avenue.
2. Fencing vacant lots at corner of New Chambers and Chestnut streets.
3. Fencing vacant lots on northeast corner of One Hundred and Twenty second street and Fourth avenue.
4. Fencing vacant lots on southwest corner of Eightieth street and Fourth avenue.
5. One Hundred and Thirty-fifth street regulating, grading, curbing and flagging, from St. Nicholas to Eighth avenue.
6. One Hundred and Thirty-first street paving, with trap-block pavement, between Seventh and Eighth avenues.
7. One Hundred and Twenty-third street paving, with granite-block pavement, from Third to Madison avenue.

8. One Hundred and Forty-first street regulating, grading, curb and flagging, from Seventh to Eighth avenue.
9. Fencing vacant lot, No. 541 West Fiftieth street.
10. One Hundred and Twenty-second street regulating, grading, setting curb-stones, and flagging, from Madison to Fourth avenue.
11. Fifty-seventh street, flagging sidewalks on the south side of, between Madison and Fifth avenues.
12. Fencing vacant lots on block bounded by Eighth avenue, Avenue St. Nicholas, One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets.
13. Eleventh avenue, flagging east side of, between Thirty-eighth and Fortieth streets.
14. Fencing vacant lots on west side of Public Drive or Boulevard, from One Hundred and Twenty-eighth to One Hundred and Thirty-fourth street.
15. Ninety-eighth street regulating, grading, setting curb-stones, and flagging, from west line of Fourth avenue to east curb-line of Fifth avenue.
16. Laying an additional course of flagging in Tenth avenue, from One Hundred and Seventh street to One Hundred and Tenth street, on both sides of Tenth avenue.
17. Eightieth street paving, with trap-block pavement, from Madison to Fourth avenue.
18. Fencing vacant lots, Nos. 114 and 116 East One Hundred and Twenty-third street.
19. Fencing vacant lots on northwest corner of Lexington avenue and Eighty-seventh street.
20. Boulevard, flagging sidewalks on east side of, from Sixty-seventh to Seventy-fifth street.
21. One Hundred and Twenty-sixth street regulating, grading, curbing and flagging, from First to Second avenue.
22. One Hundred and Eleventh street paving, with granite-block pavement, and laying cross-walks, from Seventh avenue to Avenue St. Nicholas.
23. One Hundred and Twentieth street regulating, grading, curbing and flagging, from Eighth to Ninth avenue.
24. Flagging eastern sidewalk in St. Ann's avenue, between One Hundred and Thirty-eighth street and the Southern Boulevard.

The foregoing assessment lists being in proper form, and no objections having been filed, on motion, they were severally confirmed, all the members of the Board voting in the affirmative.

The Comptroller presented the assessment list for sewer in Ninth avenue, between One Hundred and Fifty-second and One Hundred and Fifty-fifth streets, and in One Hundred and Fifty-fifth street, between Ninth avenue and Avenue St. Nicholas, having been received from the Board of Assessors under date of September 30, 1885.

The said assessment list being in proper form, and no objections having been filed, on motion, the same was confirmed, all the members of the Board voting in the affirmative.

The assessment list for regulating, grading, setting curb and gutter stones and flagging Sixty-second street, from Tenth to Eleventh avenue, with objections of Wm. T. Blodgett and others, filed by Develin and Miller, attorneys, and of John J. Milhau, filed by John C. Shaw, attorney, together with a communication from the Commissioner of Public Works, in relation thereto, were presented by the Comptroller, having been received from the Board of Assessors, under date of October 16, 1885.

After hearing Mr. Charles E. Miller, it was, on motion, ordered that the said assessment list be returned to the Board of Assessors for information as to the amount of the bond of the first contractor for the work, and whether any steps have been taken by the Department of Public Works to collect the same.

The Comptroller presented the assessment list for regulating, grading, setting curb, gutter and flagging in Tenth avenue from Manhattan street to One Hundred and Fifty-fifth street, together with objections of the Academy of the Sacred Heart, Jas. B. Adriance, Jeremiah Delvin as executor, Roderick McMahon and others, filed by James A. Deering, attorney; The Washington Heights M. E. Church and others, filed by T. H. Baldwin, attorney; Locke & Monroe and others, filed by John C. Shaw, attorney; Edward C. Donnelly, filed by Develin & Miller, attorneys; Paul H. Paulsen, filed by Deyo, Duer and Bauerdorf, attorneys; Thos. Woods, and Henry C. Place as executor, filed by Thos. B. Smith, attorney; H. W. Droge filed by Jas. R. Cooke, attorney; J. B. Tallman and Chas. Schlesinger, filed by Wm. B. Carpenter, attorney; and of George R. Schieffelin, the same having been received from the Board of Assessors, under date of September 9, 1885.

Mr. Charles E. Miller was heard in behalf of Mr. Donnelly. He asked the board to consider on the merits the objections to the assessment, and to subpoena and examine witnesses as to the fair and reasonable cost of the work, which request was denied. Mr. Baldwin and Mr. Shaw were heard and made similar requests which were also denied.

Mr. Oliver W. West, representing Mr. Wm. B. Carpenter, attorney for Messrs. Tallman & Schlesinger was heard, requesting the Board to increase the assessment by including therein \$65,041.79, being the difference between the prices named in the contract and the amount actually paid by the City; and also \$136,449.40 being interest on the advances from May 26, 1876, to April 6, 1884, in all \$201,491.19.

Mr. James A. Deering, on behalf of the Academy of the Sacred Heart, James B. Adriance and others, offered to prove that the cost of the work is extravagant and beyond the just and fair market value thereof, and that the assessment upon the objectors' lots exceeds a fair and just proportion of the fair value of the work. Also, that the Department of Public Works, in contracting for the work without competition and at extravagant prices, did so, claiming that it was necessary to do so to protect the Croton Aqueduct mains and tunnels from injury and damage, and that, for this reason, that part of the cost of said work which exceeds its then contract price or fair value should be assessed upon the City and not upon the property fronting thereon.

After consideration, on motion, the several objections filed to the said assessment were overruled and the assessment list was confirmed, all the members of the Board voting in the affirmative.

The assessment list for regulating, grading, curbing and flagging Eighty-fifth street, from Tenth to Riverside avenue, with record of awards for damages to buildings by reason of change of grade on the line, applications of various parties for awards, filed by James A. Deering, attorney, and objections of H. M. Somerville and others, filed by John C. Shaw, attorney, were presented by the Comptroller, having been received from the Board of Assessors under date of September 9, 1885.

After hearing Mr. Shaw, on motion, the objections were overruled and the assessment list was confirmed, all the members of the Board voting in the affirmative.

The Comptroller presented the assessment list for regulating, grading, setting curb and flagging in One Hundred and Fifty-ninth street, from Tenth to Eleventh avenue, and record of award for damages to buildings by reason of change of grade on the line, together with applications of various parties for awards, filed by James A. Deering, attorney, the same having been received from the Board of Assessors, under date of September 9, 1885.

After consideration of the assessment, no objections having been filed, on motion, the said assessment list was confirmed, all the members of the Board voting in the affirmative.

The Comptroller presented the assessment list for paving Fourth avenue, from One Hundred and Sixteenth to One Hundred and Twenty-fourth street, with granite-block pavement, and objections of James King and others, filed by T. H. Baldwin, attorney, and of Timothy Donovan and others, filed by John C. Shaw, attorney; also the assessment list for regulating and paving, with granite-block pavement, Fourth avenue on the west side, from One Hundred and Twenty-fourth to One Hundred and Thirty-third street, and on the east side, from One Hundred and Twenty-fourth to One Hundred and Thirty-second street, and objections of Thomas Mackellar and others, filed by T. H. Baldwin, attorney, and of R. P. Lounsbury and others, filed by John C. Shaw, attorney; the said lists having been received from the Board of Assessors, under date of September 19, 1885.

After hearing Mr. Baldwin it was, on motion, ordered that the said assessment lists be returned to the Board of Assessors to await the determination of the General Term of the Supreme Court, in the certiorari proceedings in matter of The People ex. rel. Sidney Dillon and others, against the Board of Assessors and the Board of Revision, etc., relative to the assessment for paving Fourth avenue, from Seventy-second to Ninety-sixth street, with granite-block pavement.

The Comptroller presented the assessment list for regulating, grading, curbing and flagging One Hundred and Thirty-fourth street, from St. Nicholas to Eighth avenue, together with record of awards for damages to buildings by reason of change of grade on the line, and applications of Anton F. Blume and Clara L. Pilat for awards, filed by T. H. Baldwin, attorney, having been received from the Board of Assessors under date of September 9, 1885.

After consideration of the assessment, no objections having been filed, on motion, the said assessment list was confirmed, all the members of the Board voting in the affirmative.

The assessment list for sewer in Fourth avenue, east side, between Eighty-second and Eighty-third streets, and objections of J. Bentley Squier, filed by T. H. Baldwin, attorney, and of Cornelius O'Reilly, ordered to be returned to the Board of Assessors at meeting of May 19, 1885, with the request that they reduce the assessment upon lot, Ward No. 4, on Fourth avenue, in consideration of the previous assessment paid in the rear of that lot for the sewer in Eighty-second street, east of Fourth avenue, were presented by the Comptroller, having been returned by the Board of Assessors under date of August 12, 1885.

The Board of Assessors state that since the return of this assessment list they have reapportioned and readjusted the same, and that no objections have been received.

After hearing Mr. Baldwin and Mr. O'Reilly in opposition, and Mr. Gilon, Chairman of the Board of Assessors, in explanation, it was, on motion, ordered that the said assessment list be returned to the Board of Assessors with request that they reduce the assessment against lot, Ward No. 2, Map No. 7, to a sum proportionate to the number of feet of the sewer built in front of the same.

The assessment list for regulating and paving with granite-block pavement Lexington avenue, from One Hundred and Fourth to One Hundred and Thirty-first street, with objections of Benjamin Richardson and others, filed by T. H. Baldwin, attorney; James Culgin, William Hayes, John Keirns, W. H. McCarthy, Robert Boyd, and Lizzie F. Brady. Also the assessment list for regulating, grading, setting curb and gutter stones, and flagging on Lexington avenue, from One Hundred and Second street to Harlem river, with objections of Benjamin Richardson and others, filed by T. H. Baldwin, attorney; James Culgin, William Hayes, John Keirns, W. H. McCarthy, and Lizzie F. Brady, ordered to be returned to the Board of Assessors at meeting of July 20, 1885, for "re-ex-

amination as to the distribution of the assessment for the said improvements," were presented by the Comptroller, the same having been returned by the Board of Assessors, without alteration, under date of September 22, 1885.

Mr. Baldwin was heard in opposition to the assessments.

After consideration, on motion of the Recorder, the said assessment lists and objections were referred to the Comptroller and the Counsel to the Corporation for examination and consideration with reference to the rule or principle adopted by the Board of Assessors in apportioning the assessments.

The assessment list for regulating and grading, setting curb, gutter and flagging in Madison avenue, from Ninety-ninth to One Hundred and Fifth street, with objections of D. M. Quackenbush and others, filed by John C. Shaw, attorney; N. A. McCool and others, filed by T. H. Baldwin, attorney; William F. Nesbit and Henry J. Beers, filed by A. B. Johnson, attorney, ordered to be returned to the Board of Assessors at meeting of July 20, 1885, for examination as to the principle of assessing the lots benefited by the improvement, were presented by the Comptroller, having been returned by the Board of Assessors without alteration, under date of September 22, 1885.

Mr. Shaw and Mr. Baldwin were heard in opposition to the assessment.

On motion of the Recorder, the said assessment lists and objections were referred to the Comptroller and the Counsel to the Corporation for examination and consideration with reference to the rule or principle adopted by the Board of Assessors in apportioning the assessment.

At 2.35 o'clock P. M., on motion, the Board adjourned, to meet on Friday, November 20, 1885, at one o'clock P. M.

RICHARD A. STORRS,
Chief Clerk Board of Revision and Correction of Assessments.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Counsel to the Corporation for the week ending November 14, 1885.

The Mayor, Aldermen and Commonalty of the City of New York are defendants, unless otherwise mentioned.

SCHEDULE "A."

SUITS AND SPECIAL PROCEEDINGS INSTITUTED.

SUPREME COURT.

John Paine—To recover back excess of assessment paid for Eleventh avenue regulating, etc., on Ward Nos. 1 to 16, 61 to 64, in Block No. 198, \$1,368.30.
People ex rel. Henry Meyer vs. The Superintendent of Insane Asylum at Ward's Island—Habeas corpus.

Kossuth Ungrich—To recover back excess of assessment paid for Eighth avenue regulating and grading, etc., from One Hundred and Twenty-eighth street to Harlem river, on Ward No. 30, Block No. 940, \$16.28, with interest from October 5, 1885.

James McGay—To recover back excess of assessment paid for Tenth avenue regulating, grading, etc., from Ninety-fifth to One Hundred and Tenth street, on Ward Nos. 33, 34, 35 and 36, Block No. 1147, \$105.68, with interest from October 15, 1885.

Mary Tieman—To recover back excess of assessment paid for Eleventh avenue regulating, grading, etc., from Fifty-ninth to Seventy-second street, on Ward No. 30, Block No. 240, \$18.17.
In the matter of Mary Hickey, an alleged lunatic—Habeas corpus.

SURROGATE'S COURT.

In the matter of the petition of Edward R. Cogswell, executor of the will of William L. Cogswell, deceased, in relation to legacy to John D. R. Cogswell, under said will—To compel payment to legatee of balance of \$15,000, bequeathed him under the will after deducting and paying to Comptroller of New York City of tax of \$750.

BEFORE THE ASSESSMENT COMMISSION APPOINTED UNDER CHAPTER 550 OF THE LAWS OF 1880.

In re petition of George W. Carleton—For an award, assessment for St. Nicholas avenue regulating, etc., from One Hundred and Tenth to One Hundred and Fifty-fifth street; confirmed February 3, 1876.

SCHEDULE "B."

JUDGMENTS ENTERED AND ORDERS OF THE GENERAL AND SPECIAL TERMS.

Frank S. Allen—Order entered vacating judgment.
Lizzie B. Allen—Order entered vacating judgment.
Samuel B. Duryea—Judgment of affirmance entered upon the remittitur of Court of Appeals in favor of the City, and for \$209.20, costs, etc.

Isabella Garvey—General Term order of affirmance entered without costs, and judgment entered upon the same.

Mayor, etc., vs. Edward Teague—Order entered discontinuing action without costs, the claim having been paid.

Charles Guidet—Judgment entered in favor of plaintiff for \$55,426.33, after trial before Henry E. Howland, referee.

In re Christian H. Schnauffer, Third avenue regulating and paving—Order entered to reduce assessment under settlement agreed upon between the Finance and Law Departments.

Henry W. Unger—Judgment entered in favor of plaintiff for \$206.250; no answer was interposed.

George R. Cole—Order entered vacating judgment entered October 6, and extending time to answer, etc., ten days from date of this order.

George W. McLean, receiver, etc., vs. Lehman Samuels—Order entered discontinuing action, without costs, upon payment of \$119.60 in full settlement of claim.

People ex rel. Adon Smith, Committee, etc., vs. Thomas B. Astin et al., Tax Commissioners—Judgment on remittitur from the Court of Appeals entered in favor of relator, and for \$185.43 costs, etc.

Thomas McCombe—Judgment entered in favor of plaintiff canceling the lien of the assessment for Thirteenth street trap-block pavement against Ward No. 2552, Seventeenth Ward, and for \$27.12 costs, etc.; no answer was interposed.

In re Daniel Foley, One Hundred and Fourth, One Hundred and Fifth and One Hundred and Sixth streets—Order entered on consent reviving and continuing proceeding in the name of John Foley, exr., etc., of Daniel Foley, deceased.

Mayor, etc., vs. James J. Mooney—Judgment entered in favor of the City for \$236.32, by default of answer.

SCHEDULE "C."

SUITS AND SPECIAL PROCEEDINGS TRIED OR ARGUED.

Russell—Motion to dismiss appeal for non-service of printed papers made; granted, conditionally.

Clark—Motion to dismiss appeal for non-service of printed papers made; granted, conditionally.
People ex rel. Twenty-third Street R. R. Co. vs. Rollin M. Squire, Commissioner, etc.—Appeal from order granting writ of mandamus, argued at General Term; decision reserved; E. H. Lacombe for Commissioner of Public Works.

John Bell vs. Jane Vanderbilt et al.—Argued at General Term; D. J. Dean for the City; judgment affirmed.

Mayor, etc., vs. Third Avenue R. R. Co.—Tried before Lawrence, J., and jury; E. H. Lacombe and H. W. Wheeler for the City; decision reserved; stipulation in open court that a verdict may be directed by the Court with the same force and effect as if directed on the day of the trial; briefs to be submitted.

Jennie Thompson, admx.—Argued at General Term; decision reserved; D. J. Dean for the City.

David C. Carleton vs. Thos. Darcy and The Mayor, etc., N. Y.—Tried before Truax, J., and jury; F. M. Scott and G. L. Sterling for the City; verdict directed in favor of the City.

David C. Carleton vs. Geo. W. Dean and The Mayor, etc., et al.—Tried before Truax, J., and jury; F. M. Scott and G. L. Sterling for the City; verdict directed in favor of the City.

Mayor, etc., vs. David C. Carleton—Tried before Truax, J., and jury; F. M. Scott and G. L. Sterling for the City; verdict directed in favor of the City.

Mayor, etc., vs. David Allen and D. C. Carleton—Tried before Truax, J., and jury; F. M. Scott and G. L. Sterling for the City; verdict directed in favor of the City.

People ex rel. John Cornell, Jr., vs. Edward V. Loew, Comptroller, etc.—Argued; Mr. Garr for the respondent; Andrews, J., took the papers.

John Bell vs. Vanderbilt—D. J. Dean attended; General Term order of affirmance settled.

E. H. LACOMBE, Counsel to the Corporation.

METEOROLOGICAL OBSERVATORY

OF THE

DEPARTMENT OF PUBLIC 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 November 14, 1885.

Barometer.

| DATE. | 7 A.M. | 2 P.M. | 9 P.M. | MEAN FOR THE DAY. | MAXIMUM. | MINIMUM. |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------|
| NOVEMBER. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. | Reduced to Freezing. | Time. |
| Sunday, 8 | 29.838 | 29.708 | 29.668 | 29.738 | 29.852 | 0 A.M. |
| Monday, 9 | 29.628 | 29.666 | 29.736 | 29.677 | 29.736 | 9 P.M. |
| Tuesday, 10 | 29.710 | 29.686 | 29.762 | 29.719 | 29.782 | 12 P.M. |
| Wednesday, 11 | 29.872 | 29.834 | 29.788 | 29.831 | 29.900 | 9 A.M. |
| Thursday, 12 | 29.722 | 29.682 | 29.703 | 29.701 | 29.740 | 0 A.M. |
| Friday, 13 | 29.618 | 29.532 | 29.676 | 29.609 | 29.700 | 12 P.M. |
| Saturday, 14 | 29.728 | 29.600 | 29.586 | 29.638 | 29.728 | 7 A.M. |

Mean for the week 29.702 inches.
 Maximum " at 9 A.M., 11th 29.900 "
 Minimum " at 2 P.M., 13th 29.532 "
 Range "368 "

Thermometers.

| DATE. | 7 A.M. | 2 P.M. | 9 P.M. | MEAN. | MAXIMUM. | MINIMUM. | MAXIMUM. |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| NOVEMBER. | Dry Bulb. | Wet Bulb. | Dry Bulb. | Wet Bulb. | Dry Bulb. | Wet Bulb. | In Sun. |
| Sunday, 8 | 62 | 60 | 67 | 64 | 56 | 54 | 61.6 |
| Monday, 9 | 49 | 45 | 52 | 45 | 49 | 43 | 50.0 |
| Tuesday, 10 | 44 | 39 | 48 | 41 | 43 | 38 | 45.0 |
| Wednesday, 11 | 40 | 37 | 53 | 45 | 50 | 45 | 47.6 |
| Thursday, 12 | 47 | 44 | 53 | 50 | 54 | 46 | 51.3 |
| Friday, 13 | 52 | 50 | 66 | 56 | 54 | 49 | 57.3 |
| Saturday, 14 | 40 | 37 | 50 | 44 | 45 | 40 | 45.0 |

Dry Bulb. Wet Bulb.
 Mean for the week 51.8 degrees 47.1 degrees.
 Maximum for the week, at 2 P.M., 8th 67. " at 2 P.M., 8th 64. "
 Minimum " at 8 A.M., 14th 39. " at 8 A.M., 14th 36. "
 Range " 28. " 28. "

Wind.

| DATE. | | DIRECTION. | | | VELOCITY IN MILES. | | | | FORCE IN POUNDS PER SQUARE FOOT. | | | | |
|------------|--------|------------|---------|---------|--------------------------|--------------------------|--------------------------|-----------------------------|----------------------------------|---------|---------|------|------------|
| NOVEMBER. | | 7 A. M. | 2 P. M. | 9 P. M. | 9 P. M. to 7 A. M. | 7 A. M. to 2 P. M. | 2 P. M. to 9 P. M. | Distance for the Day. | 7 A. M. | 2 P. M. | 9 P. M. | Max. | Time. |
| Sunday, | 8.... | ESE | S | N | 42 | 39 | 59 | 140 | 0 | 1¼ | ½ | 2 | 1.30 P.M. |
| Monday, | 9.... | NNW | NW | WNW | 100 | 107 | 85 | 292 | 5½ | 5 | ¾ | 11½ | 4.40 A.M. |
| Tuesday, | 10.... | WNW | NW | WNW | 89 | 132 | 110 | 331 | 2 | 10½ | 3 | 17½ | 3.20 P.M. |
| Wednesday, | 11.... | NNE | WSW | SW | 103 | 58 | 68 | 229 | 0 | 1½ | 1½ | 6½ | 2.40 A.M. |
| Thursday, | 12.... | WSW | WSW | SW | 96 | 84 | 45 | 225 | ¾ | ½ | 0 | 6¼ | 11.50 A.M. |
| Friday, | 13.... | SSW | SW | WNW | 56 | 61 | 77 | 194 | 0 | ½ | 1¼ | 5 | 2.10 P.M. |
| Saturday, | 14.... | NNW | WSW | W | 68 | 25 | 49 | 142 | 0 | 0 | ¾ | 1½ | 5.15 P.M. |

Distance traveled during the week 1,553 miles.
 Maximum force " 17 1/2 pounds.

| DATE. NOVEMBER. | Hygrometer. | | | | | | Clouds. | | | Rain and Snow. Ozone. | | | | | |
|--------------------|-----------------|---------|---------|--------------------|---------|---------|----------------------------|------------|---------|-----------------------------------|-----------------|--------------------|------------------|----------------|--------|
| | FORCE OF VAPOR. | | | RELATIVE HUMIDITY. | | | CLEAR, 0. OVERCAST, 10. | | | DEPTH OF RAIN AND SNOW IN INCHES. | | | | | |
| | 7 A. M. | 2 P. M. | 9 P. M. | 7 A. M. | 2 P. M. | 9 P. M. | 7 A. M. | 2 P. M. | 9 P. M. | Time of Beginning. | Time of Ending. | Duration. H. M. | Amount of Water. | Depth of Snow. | O. 10. |
| Sunday, 8 | .491 | .556 | .391 | 88 | 84 | 87 | 10 | 9 Cu. | 10 | 4.30 A.M. | 12 P.M. | 19.30 | 1.10 | .... | 10 |
| Monday, 9 | .247 | .207 | .199 | 71 | 53 | 57 | 10 | 4 Cir. Cu. | 0 | 0 A.M. | 5 A.M. | 5.00 | .02 | .... | 2 |
| Tuesday, 10 | .173 | .166 | .164 | 59 | 49 | 58 | 3 Cir. Cu. | 2 Cir. Cu. | 0 | ..... | ..... | ..... | ..... | ..... | 6 |
| Wedn'day, 11 | .181 | .194 | .234 | 73 | 48 | 64 | 1 Cir. S. | 3 Cir. S. | 0 | ..... | ..... | ..... | ..... | ..... | 0 |
| Thursday, 12 | .249 | .356 | .365 | 77 | 62 | 75 | 9 Cu. | 8 Cir. | 0 | ..... | ..... | ..... | ..... | ..... | 0 |
| Friday, 13 | .334 | .438 | .282 | 86 | 68 | 67 | 0 | 6 Cir. Cu. | 10 | ..... | ..... | ..... | ..... | ..... | 1 |
| Saturday, 14 | .181 | .209 | .182 | 73 | 58 | 60 | 3 Cir. | 10 | 0 | ..... | ..... | ..... | ..... | ..... | 0 |

Total amount of water for the week 1.12 inch.
 Duration for the week 1 day, 00 hours, 30 minutes.

DANIEL DRAPER, Ph. D., Director.

APPROVED PAPERS.

Resolved, That permission be and the same is hereby given to Charles Stark to place and retain a watering-trough in front of premises No. 85 Watts street, the work to be done and water supplied at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Anthony Koppett to place and keep a stand for the sale of fruit on the sidewalk, near the curb, in front of No. 1124 Second avenue, provided such box shall not be an obstruction to the free use of the street by the public; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to John Seng to place and keep a coal-box on the sidewalk, near the curb, in front of No. 546 West Forty-seventh street, provided such box shall not be an obstruction to the free use of the street by the public; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Michael Kennedy to keep a pole, with small sign on top, in front of No. 21 West Forty-fourth street; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Anthony Crossan to keep a pole, with small sign on top, near the curb, in front of No. 30 West Forty-fourth street; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Andrew Huger to place and keep a barber-pole on the sidewalk, near the curb, in front of No. 546 West Forty-seventh street, provided such pole shall not be an obstruction to the free use of the street by the public; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Terrence Leonard to exhibit goods on the sidewalk, near the curb, in front of No. 711 Eighth avenue, provided such exhibit shall not be an obstruction to the free use of the street by the public; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Antonio Cardone to place and keep a stand for the sale of fruit on the sidewalk, near the curb, in front of No. 2 Prince street, provided such stand shall not be an obstruction to the free use of the street by the public, nor exceed feet long by wide; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Francis McCarron to place and keep a coal-box on the sidewalk, near the curb, in front of No. 122 Mott street, provided such box shall not be an obstruction to the free use of the street by the public, nor exceed five feet long by three feet wide; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Gabriel Ferro to place and keep a stand for the sale of fruit, on the sidewalk, near the curb, in front of No. 201 East Seventy-sixth street, provided such stand shall not be an obstruction to the free use of the street by the public, nor exceed ten feet long by three feet wide; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Gerard Maresca to place and keep a barber-pole on the sidewalk, near the curb, in front of No. 456 West Fortieth street, provided such pole shall not be an obstruction to the free use of the street by the public; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Joseph Nichols to place and keep a barber-pole on the sidewalk, near the curb, in front of No. 148 Chatham street, provided such pole shall not be an obstruction to the free use of the street by the public; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, October 13, 1885.

Received from his Honor the Mayor, October 27, 1885, with his objections thereto.

In Board of Aldermen, November 10, 1885, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING WHICH
all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, 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, 10 A. M. to 3 P. M.
WILLIAM R. GRACE, Mayor; WILLIAM L. TURNER, Secretary and Chief Clerk.
Mayor's Marshal's Office.
No. 1 City Hall, 9 A. M. to 4 P. M.
THOMAS W. BYRNES, First Marshal.
GEORGE W. BROWN, JR., Second Marshal.
Permit Bureau Office.
No. 13 City Hall, 9 A. M. to 4 P. M.
HENRY WOOD, Registrar.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 9 A. M. to 4 P. M.
WM. PITT SHEARMAN, J. B. ADAMSON.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.
THE MAYOR, President; JAMES W. McCULLOH, Secretary; BENJAMIN S. CHURCH, Chief Engineer.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.
No. 8 City Hall, 10 A. M. to 4 P. M.
ADOLPH L. SANGER, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.
City Library.
No. 12 City Hall, 10 A. M. to 4 P. M.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.
No. 31 Chambers street, 9 A. M. to 4 P. M.
ROLLIN M. SQUIRE, Commissioner; DAVID LOWBER SMITH, Deputy Commissioner.
Bureau of Chief Engineer.
No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE W. BIRDSALL, Chief Engineer.
Bureau of Water Register.
No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.
Bureau of Street Improvements.
No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE A. JEREMIAH, Superintendent.
Engineer-in-Charge of Sewers.
No. 31 Chambers street, 9 A. M. to 4 P. M.
STEVENSON TOWLE, Engineer-in-Charge.
Bureau of Repairs and Supplies.
No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS H. McAVOY, Superintendent.
Bureau of Water Purveyor.
No. 31 Chambers street, 9 A. M. to 4 P. M.
ALSTON CULVER, Water Purveyor.
Bureau of Lamps and Gas.
No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN McCORMICK, Superintendent.
Bureau of Streets.
No. 31 Chambers street, 9 A. M. to 4 P. M.
GEO. E. BABCOCK, Superintendent.
Bureau of Incumbrances.
No. 31 Chambers street, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.
Keeper of Buildings in City Hall Park.
MARTIN J. KEESE, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.
No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
EDWARD V. LOEW, Comptroller; RICHARD A. STORRS, Deputy Comptroller.
Auditing Bureau.
Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WM. J. LYON, Auditor of Accounts.
DAVID E. AUSTEN, Deputy Auditor.
Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.
Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.
Bureau for the Collection of City Revenue and of Markets.
Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
JAMES J. KELSO, Collector of the City Revenue and Superintendent of Markets.
Bureau for the Collection of Taxes.
First floor, Brown-stone Building, City Hall Park.
GEORGE W. McLEAN, Receiver of Taxes; ALFRED VREDENBURG, Deputy Receiver of Taxes.
Bureau of the City Chamberlain.
Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WM. M. IVINS, City Chamberlain.
Office of the City Paymaster.
No. 33 Reade street, Stewart Building.
MOOR FALLS, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.
Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.
Saturdays, 9 A. M. to 4 P. M.
E. HENRY LACOMBE, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.
Office of the Public Administrator.
No. 49 Beekman street, 9 A. M. to 4 P. M.
RICHARD J. MORRISON, Public Administrator.
Office of the Corporation Attorney.
No. 49 Beekman street, 9 A. M. to 4 P. M.
WILLIAM A. BOYD, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.
No. 66 Third avenue, corner Eleventh street, 8.30 A. M. to 5.30 P. M.
THOMAS S. BRENNAN, President; GEORGE F. BRITTON, Secretary.

FIRE DEPARTMENT.

Office hours for all except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 3 P. M.
Headquarters.
Nos. 155 and 157 Mercer street.
HENRY D. PURROY, President; CARL JUSSEN, Secretary.
Bureau of Chief of Department.
CHARLES O. SHAY, Chief of Department.
Bureau of Inspector of Combustibles.
PETER SEERY, Inspector of Combustibles.
Bureau of Fire Marshal.
GEORGE H. SHELTON, Fire Marshal.
Bureau of Inspection of Buildings.
ALBERT F. D'OENCH, Superintendent of Buildings.
Attorney to Department.
WM. L. FINDLEY, Nos. 155 and 157 Mercer street.
Fire Alarm Telegraph.
J. ELLIOT SMITH, Superintendent of Telegraph, Nos. 155 and 157 Mercer street.
Central Office Fire Alarm Telegraph open at all hours.

Repair Shops.

Nos. 128 and 130 West Third street.
JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.
Hospital Stables.
Ninety-ninth street, between Ninth and Tenth avenues.
JOSEPH SHEA, Foreman-in-Charge.
Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.
ALEXANDER SHALER, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

No. 36 Union Square, 9 A. M. to 4 P. M.
HENRY R. BEEKMAN, President; CHARLES DE F. BURNS, Secretary.
Civil and Topographical Office.
Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.
Office of Superintendent of 23d and 24th Wards.
One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Nos. 117 and 119 Duane street, 9 A. M. to 4 P. M.
JOSEPH KOCH, President; B. W. ELLISON, Secretary.
Office hours from 9 A. M. to 4 P. M. daily, except Saturdays; on Saturdays as follows: from September 15 to June 15, from 9 A. M. to 3 P. M.; from June 15 to September 15, from 9 A. M. to 12 M.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 9 P. M.
MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.
Office Bureau Collection of Arrears of Personal Taxes.
Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
CHARLES S. BEARDSLEY, Attorney; WILLIAM COMBERFORD, Clerk.

DEPARTMENT OF STREET CLEANING.

Nos. 31 and 32 Park Row, "World" Building, Rooms 8 and 9, 9 A. M. to 4 P. M.
JAMES S. COLEMAN, Commissioner; JACOB SEABOLD, Deputy Commissioner; M. J. MORRISON, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Room No. 11, City Hall.
EVERETT P. WHEELER, Chairman of the Advisory Board; CHARLES H. WOODMAN, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT.

Office of Clerk, Staats Zeitung Building, Room 5.
THE MAYOR, Chairman; CHARLES V. ADEE, Clerk.

BOARD OF ASSESSORS.

Office, City Hall, Room No. 11½, 9 A. M. to 4 P. M.
EDWARD GILON, Chairman; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

Corner Bond street and Bowery, 9 A. M. to 4 P. M.
NICHOLAS HAUGHTON, President; JOHN K. PERLEY, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
ALEXANDER V. DAVIDSON, Sheriff; ARON ARONS, Under Sheriff; DAVID MCGONIGAL, Order Arrest Clerk.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
JOHN REILLY, Register; JAMES A. HANLEY, Deputy Register.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
CHARLES REILLY, Commissioner; JAMES E. CONNER, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
PATRICK KEENAN, County Clerk; EDWARD SELLECK, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
RANDOLPH B. MARTINE, District Attorney; JOHN M. COMAN, Chief Clerk.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.
No. 2 City Hall, 8 A. M. to 5 P. M., except Saturdays, on which days 8 A. M. to 3 P. M.
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.
MICHAEL J. H. MESSEMER, FERDINAND LEVY, BERNARD F. MARTIN and WILLIAM H. KENNEDY, Coroners; JOHN T. TOAL, Clerk of the Board of Coroners.

SUPREME COURT.

Second floor, New County Court-house, 10½ A. M. to 3 P. M.
General Term, Room No. 9.
Special Term, Room No. 10.
Chambers, Room No. 11.
Circuit, Part I., Room No. 12.
Circuit, Part II., Room No. 13.
Circuit, Part III., Room No. 14.
Judges' Private Chambers, Room No. 15.
NOAH DAVIS, Chief Justice; PATRICK KEENAN, Clerk.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.
General Term, Room No. 35.
Special Term, Room No. 33.
Chambers, Room No. 33, 10 A. M.
Part I., Room No. 34.
Part II., Room No. 35.
Part III., Room No. 36.
Judges' Private Chambers, Room No. 30.
Naturalization Bureau, Room No. 32.
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.
JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.
Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.
General Term, Room No. 24, 11 o'clock A. M. to adjournment.
Special Term, Room No. 21, 11 o'clock A. M. to adjournment.
Chambers, Room No. 21, 10.30 o'clock A. M. to adjournment.
Part I., Room No. 25, 11 o'clock A. M. to adjournment.
Part II., Room No. 26, 11 o'clock A. M. to adjournment.
Part III., Room No. 27, 11 o'clock A. M. to adjournment.
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.
CHARLES P. DALY, Chief Justice; NATHANIEL JARVIS Jr., Chief Clerk.

COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court opens at 11 o'clock A. M.
FREDERICK SMYTH, Recorder; HENRY A. GILDER-SLEEVE and RUFUS B. COWING, Judges of the said Court.
Terms, first Monday each month.
JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

CITY COURT.

City Hall.
General Term, Room No. 20.
Trial Term, Part I., Room No. 20.
Part II., Room No. 19.
Part III., Room No. 15.
Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.
DAVID McADAM, Chief Justice; JOHN REID, Clerk.

OVER AND TERMINER COURT.

New County Court-house, second floor, southeast corner. Room No. 13. Court opens at 10½ o'clock A. M.
Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10.30 A. M., excepting Saturday.
Clerk's Office, Tombs.

DISTRICT CIVIL COURTS.

First District—First, Second, Third, and Fifth Wards southwest corner of Centre and Chambers streets.
MICHAEL NORTON, Justice.
Clerk's office open from 9 A. M. to 4 P. M.
Second District—Fourth, Sixth, and Fourteenth Wards corner of Pearl and Centre streets, 9 A. M. to 4 P. M.
CHARLES M. CLANCY, Justice.
Third District—Ninth and Fifteenth Wards, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
GEORGE W. PARKER, Justice.
Fourth District—Tenth and Seventeenth Wards, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily; continues to close of business.
ALFRED STECKLER, Justice.
Fifth District—Seventh, Eleventh, and Thirteenth Wards, No. 154 Clinton street.
JOHN H. MCCARTHY, Justice.
Sixth District—Eighteenth and Twenty-first Wards, No. 61 Union place, Fourth avenue, southwest corner of Eighth street. Court opens 9 A. M. daily; continues to close of business.
WILLIAM H. KELLY, Justice.
Seventh District—Nineteenth and Twenty-second Wards, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues to the close of business.
AMBROSE MONELL, Justice.
Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues to close of business.
Clerk's office open from 9 A. M. to 4 P. M. each court day.
FREDERICK G. GEDNEY, Justice.
Ninth District—Twelfth Ward, No. 225 East One Hundred and Twenty-fifth street.
HENRY P. MCGOWN, Justice.
Clerk's office open daily from 9 A. M. to 4 P. M. Trial days Tuesdays and Fridays. Court opens at 9½ A. M.
Tenth District—Twenty-third and Twenty-fourth Wards, corner of Third avenue and One Hundred and Fifty-eighth street.
Office hours, from 9 A. M. to 4 P. M. Court opens at 11 A. M.
JAMES R. ANGELL, Justice.
Eleventh District—No. 919 Eighth avenue: Twenty-second Ward, and all that part of the Twelfth Ward lying south of One Hundred and Tenth street and west of Sixth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
LEO C. DESSAR, Justice.

ASSESSMENT COMMISSION.

NOTICE IS HEREBY GIVEN, THAT A MEETING of the Commissioners under the act, chapter 550 of the Laws of 1880, entitled "An act relating to certain assessments for local improvements in the City of New York," passed June 9, 1880, will be held at their office, No. 27 Chambers street, on Friday, November 20, 1885, at 2 o'clock P. M.

DANIEL LORD, JR.,
JOHN KELLY,
ALLAN CAMPBELL,
JOSEPH GARRY,
JOHN W. MARSHALL,
Commissioners under the Act.

JAMES J. MARTIN, Clerk.

PUBLIC POUND.

NEW YORK, November 17, 1885.

A BROWN MARE, WHITE SPOT ON THE forehead, fifteen hands high, to be sold from the Public Pound, if not called for by the owner, on the 20th instant, at 2 o'clock P. M.

DAVID McMAHON,
Pound-keeper,
Ninety-third street and Second avenue.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, November 7, 1885.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing the steam-heating and power in the building on north side of Sixty-seventh street, commencing 170 feet west of Third avenue, for Engine Company No. 39, Hook and Ladder Company No. 16, etc., for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 11 o'clock A. M., Friday, November 20, 1885, at which time and place they will be publicly opened by the head of said Department and read.

Each bidder must submit two separate proposals, as follows:

1st. For furnishing and constructing the steam-heating apparatus complete, with steam and exhaust connections to dynamo engine and elevator pump, etc.

2d. For furnishing and setting the boilers, fixtures and flue connections only, required for steam-heating apparatus and power.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications which form part of these proposals.

The work is to be completed and delivered in the time specified in the contracts.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at the amount specified in each contract.

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

Any person making estimates for the work shall present the same in sealed envelopes, to said Board, at said office, on or before the day and hour above named, which envelopes shall be indorsed with the name or names of the person or persons presenting the same, the date of presentation, and a statement of the work to which they relate.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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; 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 Common Council, 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 of 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 sureties for its faithful performance in the sum of three thousand five hundred (3,500) dollars for the steam heating, etc., complete, and one thousand two hundred (1,200) dollars, for the boilers, etc., only; 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 law. The adequacy and sufficiency of this security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of one hundred and seventy-five (175) dollars for the steam-heating, etc., complete, and sixty (60) dollars for the boilers, etc., only. Such check or money must not be inclosed 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 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.

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 his 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 readvertised and relet, as provided by law.

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

The forms of the agreements, with specifications and drawings, showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

HENRY D. PURROY,
RICHARD CROKER,
ELWARD SMITH,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, November 7, 1885.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing an hydraulic passenger elevator in the building on north side of Sixty-seventh street, commencing 170 feet west of Third Avenue, for Engine Company No. 33, Hook and Ladder Company No. 16, etc., for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 11 o'clock A. M., Friday, November 20, 1885, at which time and place they will be publicly opened by the head of said Department and read.

Each bidder must submit two separate proposals, as follows:

1. For furnishing and erecting the elevator complete.
2. For furnishing and erecting the elevator machinery, cylinders, piston, sheaves, guide posts, etc., only.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done bidders are referred to the specifications and drawings which form part of these proposals.

The work is to be completed and delivered in the time specified in the contracts.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at the amount specified in each contract.

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

Any person making estimates for the work shall present the same in sealed envelopes, to said Board, at said office, on or before the day and hour above named, which envelopes shall be indorsed with the name or names of the person or persons presenting the same, the date of presentation, and a statement of the work to which they relate.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. 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.

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; 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 Common Council, 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 of 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 sureties for his faithful performance in the sum of two thousand five hundred (\$2,500) dollars, for the elevator complete, and one thousand eight hundred (\$1,800) dollars for the machinery, etc., only; 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 law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made, and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of one hundred and twenty-five (\$125) dollars for the elevator complete, and ninety-five (\$95) dollars for the machinery, etc., only. Such check or money must not be inclosed 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-box, 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.

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 relet, as provided by law.

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

The forms of the agreements with specifications and drawings, showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

HENRY D. PURROY,
RICHARD CROKER,
ELWARD SMITH,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, May 12, 1885.

NOTICE IS HEREBY GIVEN THAT THE Board of Commissioners of this Department will meet daily, at 10 o'clock A. M., for the transaction of business.

By order of
HENRY D. PURROY, President.
RICHARD CROKER,
ELWARD SMITH,
Commissioners.

CARL JUSSEN,
Secretary.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees of the Ninth Ward, at the Hall of the Board of Education, corner of Grand and Elm streets, until Monday, the 30th day of November, 1885, and until 4 o'clock P. M., on said day, for the furniture for Primary School No. 7, on West Tenth street, near Greenwich street.

Sealed proposals will also be received at the place and time before named, for steam-heating apparatus for said school.

Plans and specifications may be seen, and blanks for proposals, and all necessary information may be obtained, at the office of the Superintendent of School Buildings, and of the Engineer, No. 146 Grand, corner of Elm street, third floor.

The Trustees reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

Dated, New York, November 16, 1885.

CHARLES S. WRIGHT,
GEORGE B. LAWTON,
GEORGE E. HORNE,
JAMES A. SEAMAN,
F. M. L. EHLERS,
Board of School Trustees, Ninth Ward.

OFFICE OF THE BOARD OF EDUCATION,
No. 146 GRAND STREET.

PROPOSALS FOR REPAIRS TO WATER-TANKS (IRON) ON BOARD NAUTICAL SCHOOL-SHIP "ST. MARY'S."

SEVENTEEN TANKS REQUIRE TOPS TO BE removed and new ones fitted of one-quarter inch iron, well riveted, man-holes cut and covers made. Workmanship and material to be of the best, and work completed by December 15, 1885.

Detail information can be obtained on board school-ship "St. Marys," foot of East Thirty-first street.

Said proposals will be received until the 27th day of November next, at 3 o'clock P. M., at the office of the Board, addressed to the undersigned.

DAVID WETMORE,
Chairman Nautical School Committee.

SEALED PROPOSALS WILL BE RECEIVED AT the office of the Board of Education, corner of Grand and Elm streets, until WEDNESDAY, the 25th day of November, 1885, at 4 P. M., for supplying for the use of the schools under the jurisdiction of said Board, books, stationery, and other articles required for one year, commencing on the 1st day of January, 1886. City and country publishers of books, and dealers in the various articles required, are notified that preference will be given to the bids of principals, the Committee being desirous that commissions, if any, shall be deducted from the price of the articles bid for. A sample of each article must accompany the bid. A list of articles required, with the conditions upon which bids will be received, may be obtained on application to the Clerk of the Board. Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Supplies." The Committee reserve the right to reject any bid if deemed for the public interest.

Dated NEW YORK, November 9, 1885.

DE WITT J. SELIGMAN,
CHAS. L. HOLT,
HOSEA B. PERKINS,
HENRY SCHMITT,
DAVID WETMORE,
Committee on Supplies.

SEALED PROPOSALS WILL BE RECEIVED AT the office of the Board of Education, corner of Grand and Elm streets, until WEDNESDAY, the 25th day of November, 1885, at 4 P. M., for printing required by the said Board for the year 1886. Samples of the various documents, etc., required to be printed, may be seen at the office of the Clerk of the Board, where blank forms of proposals may also be obtained. Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Printing." Two sureties, satisfactory to said Committee, will be required for the faithful performance of the contract. The Committee reserve the right to reject any bid if deemed for the public interest.

Dated NEW YORK, November 9, 1885.

DE WITT J. SELIGMAN,
CHAS. L. HOLT,
HOSEA B. PERKINS,
HENRY SCHMITT,
DAVID WETMORE,
Committee on Supplies.

JURORS.

NOTICE IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
ROOM 127, STEWART BUILDING,
CHAMBERS STREET AND BROADWAY,
NEW YORK, June 1, 1885.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 10 to 3 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only) under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attention paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines if unpaid will be entered as judgments upon the property of the delinquents.

All good citizens will aid the cause of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States and District Court jurors are not exempt. Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

CHARLES REILLY,
Commissioner of Jurors.

THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall (northwest corner basement). Price three cents each.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
Nos. 117 and 119 DUANE STREET,
NEW YORK, November 18, 1885.

NOTICE.

THE DEPARTMENT OF DOCKS WILL SELL at public auction, at the Department Yard, foot of Fifty-seventh street, North river, on Saturday, November 28, 1885, nine (9) mud-scows, as follows:

- Lot 1. Scow No. 1.
- " 2. Scow No. 2.
- " 3. Scow No. 3.
- " 4. Scow No. 4.
- " 5. Scow No. 5.
- " 6. Scow No. 6.
- " 7. Scow No. 7.
- " 8. Scow No. 11.
- " 9. Scow No. 12.

The mud-scows can be seen at the foot of West Fifty-seventh street, North river, until the day before the sale.

CONDITIONS OF THE SALE.

The sale will commence at 12 o'clock M., at the Department Yard, at Fifty-seventh street, North river.

The mud-scows will be put up separately, and will be sold to the highest bidder, without reserve as to price.

Purchasers will be required to pay immediately the auctioneer's fees and charges, in addition to the prices bid for the scows purchased by them.

Purchasers will also be required to forthwith remove them, as the Department will not be responsible in any case after the receipt for the purchase-money has been given; and all property not removed promptly, will remain at the risk of the buyer.

Terms of sale will be cash, to be paid at the time of sale.

JOSEPH KOCH,
JAMES MATTHEWS,
L. J. N. STARK,
Commissioners of the Department of Docks.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
No. 300 MULBERRY STREET,
NEW YORK, 1885.

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 his 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 patrolmen of this Department.

JOHN F. HARRIOT,
Property Clerk.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
No. 301 MOTT STREET,
NEW YORK, October 27, 1885.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office on the 27th day of October, 1885, the following resolution was adopted:

Resolved, That section 206 of the Sanitary Code be and is hereby amended to read as follows:

Section 206. That no privy-vault, or cesspool, shall be allowed within thirty feet of any tenement or lodging-house, hotel or manufactory in the City of New York, of a greater depth than three feet; nor unless it be connected at the upper end with the Croton water and at the lower end with the street sewer, and provided with an outlet at the lowest point and on the bottom, so as to admit of the complete discharge of the contents whenever the outlet is opened and the vault or sink is flushed with water. The outlet shall be kept closed, except during the process of flushing, with a tight-fitting plug, so as to effectually prevent the escape of gases and offensive odors; and sufficient water shall at all times be kept in the vaults or sink to prevent solid matter adhering to the bottom. The sides and bottom of every privy-vault, cesspool, or school-sink in the City of New York must be impermeable and secured against any saturation of the walls or the ground about the same.

ALEXANDER SHALER,
President.
EMMONS CLARK,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR ALTERATIONS, ADDITIONS AND REPAIRS TO CARPENTER AND JOINER WORK OF STEAMBOAT "MINNAHANONCK."

THE SPECIFICATIONS AND PLANS FOR which are at this office—will be received at No. 66 Third Avenue, the Central office of the Department of Public Charities and Correction, in the City of New York, until 9:30 o'clock A. M. of Friday, December 4, 1885. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for ALTERATIONS, ADDITIONS AND REPAIRS TO CARPENTER AND JOINER WORK OF STEAMBOAT 'MINNAHANONCK,'" for which there is one separate set of specifications and the work for which is to be let in one contract, and 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 and read.

THE BOARD OF PUBLIC CHARITIES AND 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.

The person or persons to whom a 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 TWO THOUSAND (\$2,000) 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 Common Council, 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 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 surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 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 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 BOND required for the faithful performance of the contract. Such check or money must not be inclosed 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-box, 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.

Should the lowest formal estimate be accepted by the Board of Public Charities and Correction, due notice of the fact will be given forthwith upon the receipt of the Comptroller's approval of the sureties, presented by the bidder as consenting to be bound for the faithful execution of this contract, if awarded. Thereupon, if the Board shall not deem it for the best interests to reject all the proposals, the contract for this aforesaid work and materials shall be awarded to this lowest bidder, who shall execute the contract and bond of even date therewith in due form, to the satisfaction of said Board, within five days after the award aforesaid. If the party or parties to whom said contract is awarded neglect or refuse to execute the same as aforesaid, and the Bond accompanying the same, the said contract shall be regarded as having been abandoned, the party or parties notified as in default to the Corporation of the City of New York, and the work and materials will be re-advertised as provided in section 64, chapter 410, Laws of 1882.

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 contracts, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Commissioners of Public Charities and Correction, AND ARE PARTICULARLY CAUTIONED TO EXAMINE WITH CARE THE PROVISIONS OF ARTICLE 5 OF THE PRINTED CONTRACT FORM.

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 18, 1885.

THOMAS B. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR FURNISHING materials for Pavilion for Female Insane, Hart's Island; all materials to be of the best quality of their kind.

LIME, CEMENT, ETC.

- 100 barrels best quality Finishing Lime.
- 300 barrels best quality Common Lime.
- 150 barrels best quality Rosendale Cement.
- 50 barrels best quality Plaster Paris.
- 200 bushels best quality Cattle Hair.

HARDWARE, IRON, ETC.

- 200 feet prime quality Refined Iron, 2 1/2" x 1/2".
- 150 Bolts and Nuts, 5/8" x 1 1/2".
- 900 feet prime quality Refined Round Iron, 3/8".
- 250 feet prime quality Refined Iron, 1 1/2" x 1/2".
- 275 sheets No. 20 "BB" Galvanized Iron 24 x 24.
- 5 papers 3-lb. Tinned Rivets.
- 69 pairs Acorn Cast Fast Butts, 4" x 4".
- 12 pairs Cast Fast Butts, 3" x 3".
- 10 dozen Japaned Hat and Coat Hooks.
- 2 dozen Mortise Bolts, 7".
- 1 dozen Mortise Bolts, 3 1/2", porcelain heads.
- 69 pairs Cast-iron Pivots for fan-lights.
- 4 pairs Hatfield's 5-in. Patent Sheave for sliding doors.

- 520 Sash Weights, as per specification.
- 34 gross Iron Wood-screws, as per specification.
- 11 gross Brass Wood-screws, as per specification.
- 600 pounds 3d Lath Nails.
- 12 quires Sand-paper, assorted.
- 8 dozen Iron Axle Pulleys, 1 1/2".
- 170 Iron Bolts, with nuts and washers, 3/4" x 9".

PIPE, FITTINGS, ETC.

- 625 feet Wrought Iron Pipe, 175 ft. 4", 300 ft. 1 1/4", 150 ft. 1".
- 41 pieces Cast-iron Pipe, 4".
- 3 dozen Wrought Iron Ells, 6 1/4", 6 1/4", 24 1"
- 3 dozen Wrought Iron Couplings, 2 1/4", 12 1"
- 4 Tees, C. I., 4".
- 1 doz. Unions, 6 1/4", 6 1/4".
- 3 1/2 doz. Bushings, 1" x 3/4".
- 1/2 doz. Caps, 1".
- 1/2 doz. Rough Stop-cocks, 2 1/4" x 2", loose lever handles.
- 3 doz. Plain Brass Bibbs, 3/4".
- 50 feet Lead Waste Pipe, 2".

SINKS, ETC.

- 6 best quality Iron Wash Sinks, 66" by 18" by 8", four legs.
- 4 best quality Iron Wash Sinks, 66" by 18" by 8", four legs.
- 8 Iron Bath-tubs, 5 feet, complete.
- 16 Mott's Patent Hopper School Sinks, Galvanized Iron and Tin.
- 990 feet Galvanized Iron Cornice, as per plan and specification.
- 675 feet Galvanized Leader, 4", as per plan and specification.
- 100 pounds No. 1 Solder.
- 6 boxes IC Coarcoal Tin, 14 x 20.

PAINTS AND OILS.

- 1,500 pounds White Lead in Oil, equal to "Atlantic."
- 10 gallons prime quality Japan Dryer.
- 100 gallons prime quality Raw Linseed Oil.
- 100 gallons prime quality Spirits Turpentine.
- 8 gallons prime quality Shellac.
- 40 lbs. prime quality Burnt Umber in Oil.
- 40 lbs. prime quality Chrome Yellow in Oil.
- 50 lbs. prime quality Red Lead in Oil.
- 400 lbs. prime quality Whiting.
- 2 barrels prime quality Prince's Metallic Paint.
- 1 doz. prime quality 60 Point Brushes.
- 1/2 doz. prime quality XX No. 8 Kalsomining Brushes.
- 1 doz. prime quality No. 8 Sash Tools.
- 1/2 doz. prime quality Whitewash Brushes.
- 5 boxes prime quality double thick American Glass, 2 1/2 x 17, 3 1/2 x 26.
- 400 feet vitrified Earthen Pipe, 12".
- 700 " " " " 4".
- 24 L Branches, 4".
- 24 Y " " 12 x 4".
- 12 T " " 4".
- LUMBER.
- 16 pieces first quality Georgia Yellow Pine, 4 x 14" x 31'.

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M., of Wednesday, December 2, 1885. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Materials for Pavilion for Female Insane, Hart's Island," 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 President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS 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 a 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 Commissioners.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have 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, in the penal amount of fifty (50) per cent. of the estimated amount of the contract.

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 Common Council, 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 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 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 inclosed 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-box, 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 his 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 readvertised and relet 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, respectively, at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the prices 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, issued on the completion of the contract, or from time to time, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

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 form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 19, 1885.

THOMAS S. BRENNAN, President,

HENRY H. PORTER, Commissioner,

CHARLES E. SIMMONS, Commissioner,

Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE, New York, November 19, 1885.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from Pier 9, East river, unknown man, aged about 60 years; 5 feet 6 inches high; gray hair, whiskers and moustache; gray eyes. Had on black and gray mixed pants, old faded coat, black coat and vest, striped hickory shirt, shoes.

At Penitentiary, Blackwell's Island—Daniel McLaughlin; aged 42 years; 5 feet 5 inches high; brown hair, gray eyes. Had on when received black sack coat, blue overalls, blue vest, white cotton shirt, blue check jumper, brown derby hat.

At Workhouse, Blackwell's Island—Bernard Dillon; aged 26 years. Committed September 3, 1885.

At Randall's Island Hospital—Joseph Lara; aged 37 years; 5 feet 6 inches high; black hair, blue eyes.

At Hart's Island Hospital—James Adolbert; aged 57 years.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON, Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR GROCERIES AND LEATHER.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES.

- 5,500 pounds Dairy Butter, sample on exhibition Thursday, November 19, 1885.
- 1,000 pounds Dried Apples.
- 6,000 pounds Barley, price to include packages.
- 7,000 pounds Rio Coffee, roasted.
- 4,500 pounds Coffee Sugar.
- 2,000 pounds Cut Loaf Sugar.
- 20,000 pounds Brown Soap, boxes not to be returned.
- 300 pounds Corn Starch, 40-pound boxes.
- 4,000 pounds Oolong Tea.
- 500 barrels good sound Irish Potatoes, to weigh 168 pounds net per barrel.
- 50 barrels prime Red Onions.
- 100 barrels prime Russia Turnips, 135 pounds net per barrel.
- 60 barrels Crackers.
- 100 pieces prime quality City-cured Bacon, to average about 6 pounds each.
- 50 prime quality City Cured Smoked Hams, to average about 14 pounds each.
- 60 prime quality City Cured Smoked Tongues, to average about 6 pounds each.
- 150 bushels Beans, price to include packages.
- 150 bags Bran, 50 pounds net each.
- 100 bags Coarse Meal, 100 pounds net each.
- 300 bales long bright Rye Straw, tare not to exceed 3 pounds, and weight charged as received at Blackwell's Island.
- 3,000 dozen Fresh Eggs, all to be candled.

LEATHER.

- 300 sides prime quality Waxed Upper Leather, to average about 17 feet.
- 1,000 pounds Offal Leather.

will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A.M., of Friday, November 20, 1885. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries and Leather," 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 President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND 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 a 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 Commissioners.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have 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, in the penal amount of fifty (50) per cent. of the estimated amount of the contract.

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 Common Council, 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 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

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 inclosed 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-box, 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 his 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 readvertised and relet 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, respectively, at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the prices 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, issued on the completion of the contract, or from time to time, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

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 form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 9, 1885.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR POULTRY.

SEALED BIDS OR ESTIMATES FOR FURNISHING

About 16,000 pounds of Poultry, for use on Thanksgiving Day.

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M., of Friday, the 20th day of November, 1885. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Poultry," 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 Head of said Department and read.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a 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 on Wednesday, November 25, before 9 o'clock A. M.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have 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, in the penal amount of fifty (50) per cent. of the estimated amount of the contract.

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 Common Council, 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 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 27 of chapter 8 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 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 inclosed 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-box, 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 his 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 readvertised and relet as provided by law.

Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the prices 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, issued on the completion of the contract, or from time to time, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a 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 form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 9, 1885.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, Commissioner,
Public Charities and Correction.

CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessment has been completed and is lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

Last 2068, No. 1. Sewers in One Hundred and Forty-fourth street, between Eighth avenue and first new avenue, west of Eighth avenue, and in said new avenue, between One Hundred and Forty-second and One Hundred and Forty-fifth streets.

The limits embraced by such assessment include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated within the following area:

No. 1. Both sides of One Hundred and Forty-fourth street, between Eighth avenue and first new avenue west of Eighth avenue; both sides of said new avenue, between One Hundred and Forty-second and One Hundred and Forty-fifth streets, and south side of One Hundred and Forty-fifth street, between the first and second new avenues west of Eighth avenue.

All persons whose interests are affected by the above-named assessment, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11 1/2 City Hall, within thirty days from the date of this notice.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 18th day of December ensuing.

EDWARD GILON, Chairman.
PATRICK M. HAVERTY,
CHAS. E. WENDT,
VAN BRUGH LIVINGSTON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 11 1/2 CITY HALL,
NEW YORK, November 17, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessment has been completed and is lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 2074, No. 1. Paving Tenth avenue, from the northerly crosswalk of Manhattan street, to a line five feet north of and parallel with the north curb of One Hundred and Thirtieth street.

The limits embraced by such assessment include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated within the following area:

No. 1. Both sides of Tenth avenue, from Manhattan to One Hundred and Thirtieth street, and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named assessment, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11 1/2 City Hall, within thirty days from the date of this notice.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 14th day of December ensuing.

EDWARD GILON, Chairman.
PATRICK M. HAVERTY,
CHAS. E. WENDT,
VAN BRUGH LIVINGSTON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 11 1/2 CITY HALL,
NEW YORK, November 11, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessment has been completed and is lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1378, No. 1. Regulating, grading, setting and re-setting curb, flagging and reflagging, and paving with Telford pavement on One Hundred and Tenth street, from First avenue to Riverside Drive.

The limits embraced by such assessment include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated within the following area:

No. 1. Both sides of One Hundred and Tenth street, from First avenue 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 assessment, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11 1/2 City Hall, within thirty days from the date of this notice.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 7th day of December, ensuing.

EDWARD GILON, Chairman.
PATRICK M. HAVERTY,
CHAS. E. WENDT,
VAN BRUGH LIVINGSTON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 11 1/2 CITY HALL,
NEW YORK, Nov mber 6, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessment has been completed and is lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 2071, No. 1. Regulating, grading, curbing and flagging One Hundred and Forty-first street, from Eighth Avenue to Avenue St. Nicholas.

The limits embraced by such assessment include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated within the following area:

No. 1. Both sides of One Hundred and Forty-first street, from Eighth Avenue to Avenue St. Nicholas, and to the extent of half the block at the intersection of New Avenue.

All persons whose interests are affected by the above-named assessment, and who are opposed to the same, or either of them, are requested to present their objections in writing, to the Chairman of the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 23rd day of November, ensuing.

EDWARD GILON, Chairman
PATRICK M. HAVERTY,
CHAS. E. WENDT,
VAN BRUGH LIVINGSTON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 11½ CITY HALL,
NEW YORK, October 24, 1885.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, November 17, 1885.

TO COAL DEALERS AND CONTRACTORS

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder endorsed thereon, will be received in this office, until Tuesday, December 2, 1885, at 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department and read.

FOR FURNISHING THE DEPARTMENT OF PUBLIC WORKS, WITH SIX HUNDRED (600) GROSS TONS 22½ INCHES OF LEHIGH AND WILKESBARRE COMPANY'S BEST LEHIGH AND WILKESBARRE COAL.

Bidders for the above contracts must be regularly engaged in the business and well prepared for furnishing the materials they propose for, and no contract will be made with any bidder who is not prepared to furnish satisfactory evidence to that effect.

Each estimate must contain the name and place of residence of the person 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 work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in 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 at any subsequent letting; the amount 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 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 inclosed 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-box, 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 neglect or refuse, 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 be 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.

THE COMMISSIONER OF PUBLIC WORKS 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 at the office of the Chief Engineer, Room 10, No. 31 Chambers street.

ROLLIN M. SQUIRE,
Commissioner of Public Works.

FINANCE DEPARTMENT.

FINANCE DEPARTMENT,
BUREAU FOR THE COLLECTION OF TAXES,
No. 32 CHAMBERS STREET,
NEW YORK, November 2, 1885.

NOTICE TO TAXPAYERS.

NOTICE IS HEREBY GIVEN BY THE Receiver of Taxes of the City of New York to all persons whose taxes for the year 1885 remain unpaid on the first day of November of said year, that unless the same shall be paid to him at his office on or before the first day of December of said year he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to the amount of such taxes one per centum on the amount thereof, and charge, receive and collect upon such taxes so remaining unpaid on the first day of January thereafter, interest upon the amount thereof at the rate of seven per centum per annum, to be calculated from October 1, 1885, the day on which the assessment rolls and warrants therefor were delivered to the said Receiver of Taxes, to the date of payment, as provided by sections 843, 844 and 845, of the New York City Consolidation Act of 1882.

GEORGE W. MCLEAN,
Receiver of Taxes.

NOTICE OF POSTPONEMENT OF SALE OF LANDS AND TENEMENTS FOR UNPAID ASSESSMENTS FOR LOCAL IMPROVEMENTS IN THE CITY OF YORK.

PURSUANT TO SECTION 928 OF THE NEW York City Consolidation Act of 1882, the Comptroller of the City of New York hereby gives public notice that the sale at public auction of lands and tenements in said city for unpaid assessments laid and confirmed during the year 1879 and prior thereto, for local improvements, which sale was advertised to be held at the County Court-house, in the City Hall Park, in the City of New York, on Monday, November 24, 1884, at 12 o'clock noon, and which was postponed until Monday, May 25, 1885, has been and is again postponed until Wednesday, November 25, 1885, to be held on that day at the same hour and place.

A pamphlet containing a detailed statement of the property advertised for sale may be obtained at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room 31, Stewart Building.

EDWARD V. LOEW,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, May 22, 1885.

NOTICE OF POSTPONEMENT OF SALE OF LANDS AND TENEMENTS FOR UNPAID TAXES AND CROTON WATER RENTS IN THE CITY OF NEW YORK.

PURSUANT TO SECTION 928 OF THE NEW York City Consolidation Act of 1882, the Comptroller of the City of New York hereby gives public notice that the sale at public auction of lands and tenements in said city for unpaid taxes levied in the year 1880, and Croton water rents laid for the year 1879, and now remaining due and unpaid, which sale was advertised to be held at the County Court-house in the City Hall Park, in the City of New York, on Monday, December 22, 1884, at 12 o'clock noon, and was postponed until Monday, May 11, 1885, has been and is hereby again postponed until Wednesday, November 11, 1885, to be held on that day at the same hour and place.

A pamphlet containing a detailed statement of the property advertised for sale may be obtained at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room 31, Stewart Building.

EDWARD V. LOEW,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, May 9, 1885.

Notice is hereby given that the sale above advertised is withdrawn.

EDWARD V. LOEW,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, November 11, 1885.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1853 to 1887, prepared under the direction of the Commissioners of Records.

Grantors, grantees, suits in equity, insolvents' and Sheriff's sales, in 61 volumes, full bound, price, \$100 00
The same in 25 volumes, half bound, 50 00
Complete sets, folded, ready for binding, 15 00
Records of Judgments, 25 volumes, bound, 10 00
Orders should be addressed to "Mr. Stephen Angell, Room 23, Stewart Building."

EDWARD V. LOEW,
Comptroller.

NEW AQUEDUCT.

NEW YORK SECTION.

NOTICE OF APPLICATION FOR CONFIRMATION OF THE REPORT OF COMMISSIONERS OF APPRAISAL, NEW YORK SECTION, DATED OCTOBER 28, 1885, AS TO PARCELS SIXTY-NINE (69) AND SEVENTY (70).

PUBLIC NOTICE IS HEREBY GIVEN THAT IT is my intention to make application before the Honorable Jackson O. Dykman, at a Special Term of the Supreme Court of the State of New York, to be held in the Second Judicial District, at the Court-house, in White Plains, Westchester County, on the 5th day of December, 1885, at 12 o'clock noon of that day, or as soon thereafter as counsel can be heard, to confirm the report as to parcels 69 and 70 of the Commissioners of Appraisal appointed in the above matter, pursuant to the provisions of chapter 490 of the Laws of 1883, which said report was filed in the office of the Clerk of the County of Westchester, on the 5th day of November, 1885, and a copy of which was filed in the office of the Clerk of the County of New York on the same day.

Dated New York, November 6, 1885.
E. HENRY LACOMBE,
Counsel to the Corporation.
2 Tryon Row, N. Y. City.

NOTICE OF APPLICATION FOR APPRAISAL.

PUBLIC NOTICE IS HEREBY GIVEN, THAT IT is the intention of the Counsel to the Corporation of the City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal, under chapter 490 of the Laws of 1883.

Such application will be made at a Special Term of said Court, to be held in the Second Judicial District, at the Court-house in White Plains, Westchester County, on the 21st day of November, 1885, at 12 o'clock noon.

The object of such application is to obtain an order of court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York, and the other two of whom shall reside in the county in which the real estate hereinafter described is situated, as commissioners of appraisal to ascertain and appraise the compensation to be made to the owners and all persons interested in the real estate hereinafter described, as proposed to be taken or affected for the purposes indicated in chapter 490 of the Laws of 1883.

The real estate sought to be taken or affected as aforesaid, is located in the County of New York, south of Harlem river, and is laid out and indicated on two similar or duplicate maps filed, one in the Register's office in the City and County of New York, on the 28th day of August, 1885, the other in the Register's office in the village of White Plains and County of Westchester, on the same day, and each bearing the following certificate:

We, the Commissioners, appointed to carry out the provisions of chapter 490 of the Laws of 1883, do hereby certify that this is one of six similar maps prepared in accordance with the requirements of section 4 of said act, and do further certify that the same has been adopted by us in the manner prescribed in such section, this 17th day of June, 1885.

W. R. GRACE, Mayor.
EDWARD V. LOEW, Comptroller,
ROLLIN M. SQUIRE,
Commissioner of Public Works,
WM. DOWD,
C. C. BALDWIN.

Of the real estate so proposed to be taken or affected certain parcels are required, as

SHAFT SITES AND APPURTENANCES AND DUMPING-GROUNDS.

for the purpose of constructing and maintaining said Aqueduct.

The boundaries of said parcels are as follows, the said parcels being colored on said maps in pink:

All those parcels of land forming parts of Farms Nos. 56 and 59, contained within the boundaries described as follows: Beginning at a point in the westerly line of the proposed street known as Exterior street, at the intersection of said westerly line with the northerly line of the lands owned by the City of New York, and known as High Bridge Park; and running thence (1) along said westerly line of Exterior street north 24° 54' 24" east 353.87 feet to a point on Ward No. 178; thence (2) northerly still along said westerly line of Exterior street upon a curve bending to the east with a radius of 2,700 feet 566.12 feet to a point on Farm No. 59; thence (3) still along said westerly line of Exterior street north 35° 32' 30" east 453 feet; thence (4) north 56° 30' west 632.73 feet to the easterly line of Tenth Avenue; thence (5) north 38° 19' east along said easterly line of Tenth Avenue 100.36 feet; thence (6) south 56° 30' east 707.91 feet to a point distant at a right angle 40 feet easterly of the United States bulkhead line; thence (7) south 35° 32' 30" west 556.36 feet; thence (8) southerly upon a curve bending to the east with a radius of 2,640 feet 499.15 feet to a point on lot Ward No. 178; thence (9) south 24° 54' 24" west, and parallel to the said United States bulkhead line 345.13 feet to the aforesaid northerly line of High Bridge Park; thence (10) along said northerly line south 73° 53' 45" east 66.64 feet to the place of beginning, comprising within said boundaries parts of lots Ward Nos. 177, 178, 179, 180 and 181 of Farm No. 56, and a part of Farm No. 59, containing 3,361.49 acres, more or less; and numbered on said property map Parcels 1 to 6 inclusive.

All those three parcels of land known as Ward Nos. 195, 196 and 197 of Farm No. 55, containing 8,426 square feet; and numbered respectively on said property map Parcels 8, 9, and 10.

All that parcel of land known as Ward No. 4 of Farm No. 54 containing 2,034 square feet, and numbered on said property map Parcel 11.

All those four parcels of land known as Ward Nos. 61, 62, 63 and 64 of Farm No. 1, containing 9,992 square feet; and numbered respectively on said property map Parcels 12, 13, 14 and 15.

All that piece or parcel of land which is bounded and described as follows, viz: Beginning at a point in the northerly line of One Hundred and Forty-ninth street, projected easterly, which point is the intersection of said projected line and the easterly line of Tenth Avenue, and running thence (1) easterly along the said northerly line of One Hundred and Forty-ninth street projected 743.98 feet to the westerly line of St. Nicholas Avenue; thence (2) southerly along the westerly line of St. Nicholas Avenue, 61.36 feet to the southerly line of One Hundred and Forty-ninth street projected easterly; thence (3) westerly along the said southerly line of One Hundred and Forty-ninth street projected 756.83 feet to the easterly line of Tenth Avenue; thence (4) northerly along the easterly line of Tenth Avenue 60 feet to the place of beginning, containing 1,036 acres; and numbered on the aforesaid property map Parcel No. 44.

All that piece or parcel of land which is bounded and described as follows, viz: Beginning at a point in the northerly line of property owned by the Convent of the Sacred Heart, which point is the intersection of said line and the proposed westerly line of Convent Avenue, and running thence (1) S. 34° 34' 43" E. along said northerly line 78.48 feet to the proposed easterly line of Convent Avenue; thence (2) northerly along the proposed easterly line of Convent Avenue 386.48 feet; thence (3) N. 34° 34' 43" W. 78.48 feet to the proposed westerly line of Convent Avenue; thence (4) southerly along the proposed westerly line of Convent Avenue 386.48 feet to the place of beginning, containing 1,036 acres, and numbered on the aforesaid property map Parcel No. 70.

Of the real estate so proposed to be taken or affected certain parcels are required as

TUNNEL SITES.

The boundaries and descriptions of the sites of the several tunnels which it is proposed to construct are as follows, being colored on said maps in blue.

All that piece or parcel of land under the water of the Harlem river, between the westerly boundary of lands now owned or occupied by the New York Central and Hudson River Railroad Company on the east and a line parallel to the United States bulkhead line on the westerly side of the Harlem river and 40 feet westerly thereof, which is bounded and described as follows, viz: Beginning at a point in the westerly line of land owned or occupied by the New York Central and Hudson River Railroad Company, distant along said line 50 feet and ½ inch southerly from its intersection with the centre line of the proposed New Aqueduct, and running thence (1) N. 56° 30' W. 563.79 feet; thence (2) N. 35° 32' 30" E. 100.05 feet; thence (3) S. 56° 30' E. 556.43 feet to the westerly line of the aforesaid New York Central and Hudson River Railroad Company's lands; thence (4) along said westerly line S. 31° 21' W. 100.08 feet to the point or place of beginning, containing 1,288.8 acres; and numbered on the aforesaid property map Parcel No. 7.

All that part of Block No. 1078 described as follows: Beginning at the point of intersection of the easterly line of Tenth Avenue with the southerly line of One Hundred and Fifty-second street, and running thence (1) southerly along said easterly line of Tenth Avenue 45.80 feet; thence (2) southerly upon a curve bending to the east with a radius of 375 feet 69.354 feet to the easterly line of the Old Croton Aqueduct lands; thence (3) southwesterly along said Old Croton Aqueduct lands 2.84 feet; thence (4) southeasterly along the dividing line between lots Ward Nos. 4 and 67 of said block 2.8 feet; thence (5) southerly upon a curve bending to the east with a radius of 375 feet 137.23 feet to a point on lot Ward No. 7; thence (6) southerly reversing upon a curve bending to the west with a radius of 325 feet 59.33 feet to a point on the northerly line of One Hundred and Fifty-first street, which is distant on said line 214.84 feet easterly of the easterly line of Tenth Avenue; thence (7) easterly along said northerly line of One Hundred and Fifty-first street 81.50 feet to a point on lot Ward No. 12; thence (8) northerly upon a curve bending to the west with a radius of 375 feet 137 feet to a point on lot Ward No. 8; thence (9) northerly reversing upon a curve bending to the east with a radius of 325 feet 94.71 feet to the westerly line of lot Ward No. 63; thence (10) northerly 4.02 feet along said westerly line of said lot Ward No. 63, to the southerly line of lot Ward No. 66; thence (11) westerly 4.02 feet along said southerly line of said lot Ward No. 66; thence (12) northerly upon a curve bending to the east with a radius of 325 feet 100.02 feet to the southerly line of One Hundred and Fifty-second street; thence (13) westerly along said southerly line of One Hundred and Fifty-second street 29.23 feet to the place of beginning, comprising part of lots Ward Nos. 64, 66, 67, 63, 62, 4, 3, 5, 6, 7, 8, 9, 10, 11 and 12 of said Block No. 1078, containing 23,181 square feet; and numbered on said property map Parcels 16 to 29, inclusive.

All that part of Block No. 1077 which is described as follows: Beginning at a point upon the southerly line of One Hundred and Fifty-first street upon lot Ward No. 53 and distant 283 feet and ½ inch easterly of the easterly line of Tenth Avenue; and running thence (1) southerly upon a curve bending to the west with a radius of 325 feet 219.36 feet to the northerly line of One Hundred and Fifty-fifth street at a point upon lot Ward No. 15 and distant on said line 365.54 feet from the easterly line of Tenth Avenue; thence (2) easterly along said northerly line of One Hundred and Fifty-fifth street 50.04 feet; thence (3) northerly upon a curve bending to the west with a radius of 375 feet 211.06 feet to a point on the division line between lots Ward Nos. 50 and 51; thence (4) northerly along said division line 2.23 feet to the southerly line of One Hundred and Fifty-first street; thence (5) westerly along said southerly line of One Hundred and Fifty-first street 64.58 feet to the place of beginning, comprising part of lots Ward Nos. 49, 50, 51, 52, 53, 14, 15, 16 and 17 of said Block No. 1077, containing 20,578 square feet; and numbered on said property map Parcels Nos. 30 to 37, inclusive.

All that part of Block No. 1076, which is described as follows: Beginning at a point in the southerly line of One Hundred and Fifty-fifth street upon lot Ward No. 49 of said block, and distant 365 feet 10½ inches easterly from the easterly line of Tenth Avenue, and running

thence (1) easterly along said southerly line of One Hundred and Fifty-fifth street 5 feet; thence (2) southerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the northerly line of One Hundred and Forty-ninth street projected; thence (3) westerly along said northerly line of One Hundred and Forty-ninth street projected 50 feet; thence (4) northerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the place of beginning, comprising the easterly part of the lot Ward No. 49, all of lot Ward No. 48, the westerly part of lots Ward Nos. 47 and 17, all of lot Ward No. 16, and the easterly part of lot Ward No. 15, containing 9,992 square feet; and numbered on said property map Parcels Nos. 38, 39, 40, 41, 42 and 43.

All that part of Block No. 1075, which is described as follows: Beginning at a point on the southerly line of One Hundred and Forty-ninth street projected upon lot Ward No. 49 of said block and distant 365 feet 10½ inches easterly from the easterly line of Tenth Avenue, and running thence (1) easterly along said southerly line of One Hundred and Forty-ninth street projected 50 feet; thence (2) southerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the northerly line of One Hundred and Forty-eighth street; thence (3) westerly along said northerly line of One Hundred and Forty-eighth street 50 feet; thence (4) northerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the place of beginning, comprising the easterly part of the lot Ward No. 49, all of lot Ward No. 48, the westerly part of lots Ward Nos. 47 and 17, all of lot Ward No. 16, and the easterly part of lot Ward No. 15, containing 9,992 square feet; and numbered on said property map Parcels Nos. 45, 46, 47, 48, 49 and 50.

All that parcel of land bounded and described as follows, viz: Beginning at a point in the northerly line of One Hundred and Forty-eighth street, distant 365 feet 10½ inches easterly from the easterly line of Tenth Avenue, and running thence (1) easterly along the southerly line of One Hundred and Forty-eighth street 50 feet; thence (2) southerly and at right angles to One Hundred and Forty-eighth street 60 feet to the southerly line of One Hundred and Forty-eighth street; thence (3) westerly along the southerly line of One Hundred and Forty-eighth street 50 feet; thence (4) northerly and at right angles to One Hundred and Forty-eighth street 60 feet to the place of beginning, containing 3,600 square feet; and numbered on the aforesaid property map Parcel No. 51.

All that part of Block No. 1074, which is described as follows: Beginning at a point in the southerly line of One Hundred and Forty-eighth street on lot Ward No. 50 of said block, and distant 365 feet 10½ inches from the easterly line of Tenth Avenue, and running thence (1) easterly along said southerly line of One Hundred and Forty-eighth street 50 feet; thence (2) southerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the northerly line of One Hundred and Forty-seventh street; thence (3) westerly along said northerly line of One Hundred and Forty-seventh street 50 feet; thence (4) northerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the place of beginning, comprising the easterly part of lot Ward No. 50, all of lot Ward No. 49, the westerly part of lots Ward Nos. 48 and 17, all of lot Ward No. 16, and the easterly part of lot Ward No. 15, containing 9,992 square feet; and numbered on said property map Parcels Nos. 52, 53, 54, 55, 56 and 57.

All that part of Block No. 1073, which is described as follows: Beginning at a point in the southerly line of One Hundred and Forty-seventh street on lot Ward No. 50 of said block, and distant 365 feet 10½ inches from the easterly line of Tenth Avenue, and running thence (1) easterly along said southerly line of One Hundred and Forty-seventh street 50 feet; thence (2) southerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the northerly line of One Hundred and Forty-sixth street; thence (3) westerly along said northerly line of One Hundred and Forty-sixth street 50 feet; thence (4) northerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the place of beginning, comprising the easterly part of lot Ward No. 50, all of lot Ward No. 49, the westerly part of lots Ward Nos. 48 and 17, all of lot Ward No. 16, and the easterly part of lot Ward No. 15, containing 9,992 square feet; and numbered on said property map Parcels Nos. 58, 59, 60, 61, 62 and 63.

All that part of Block No. 1072 which is described as follows: Beginning at a point in the southerly line of One Hundred and Forty-sixth street on lot Ward No. 50 of said block and distant 365 feet, 10½ inches easterly from the easterly line of Tenth Avenue, and running thence (1) easterly along said southerly line of One Hundred and Forty-sixth street 50 feet; thence (2) southerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the northerly line of One Hundred and Forty-fifth street; thence (3) westerly along said northerly line of One Hundred and Forty-fifth street 50 feet; thence (4) northerly and parallel to said easterly line of Tenth Avenue 199.84 feet to the place of beginning, comprising the easterly part of lot Ward No. 50, all of lot Ward No. 49, the westerly part of lots Ward Nos. 48 and 17, all of lot Ward No. 16, and the easterly part of lot Ward No. 15, containing 9,992 square feet; and numbered on said property map Parcels Nos. 64, 65, 66, 67, 68 and 69.

ROUTE

The track or route of the said Aqueduct in tunnel from a point on the easterly bank of the Harlem river to a point in Convent Avenue, near One Hundred and Thirty-fifth street, in the City of New York, as shown upon said maps, is as follows:

Beginning upon the centre line of the survey of said Aqueduct route, as shown on said maps, at a point upon the westerly line of the lands now owned or occupied by the New York Central and Hudson River Railroad Company upon the easterly bank of the Harlem river, about one-fourth of a mile northeasterly of the High Bridge, and distant upon said westerly line of said railroad lands 79.31 feet from the prolongation of the northerly line of a road or street from Sedgwick Avenue to Commerce Avenue; and running thence (1) along said centre line upon a course of north 56° 30' west across and under the Harlem river, and thence to a point in Tenth Avenue 330 feet northerly of the north line of One Hundred and Seventy-eighth street and near the centre of said Avenue, a distance of about 1,320 feet; thence (2) still upon said centre line, upon a course of south 38° 19' west along and parallel with Tenth Avenue and 46 feet 7½ inches westerly of the easterly line of said Avenue, a distance of about 7,103 feet to a point in said Avenue 14.56 feet northerly of the northerly line of One Hundred and Fifty-second street; thence (3) still along said centre line, upon a curve bending to the eastward, with a radius of 350 feet, to a point upon lot Ward No. 7, of Block No. 1078, and thence reversing upon a curve bending to the westward, with a radius of 350 feet, a distance of 830.78 feet to a point in One Hundred and Fifty-fifth street distant 14.68 feet southerly from the northerly line of said street, and 390.87 feet easterly of the easterly line of Tenth Avenue; thence (4) still along said centre line upon a course of south 38° 19' west to and through Convent Avenue, parallel with and near its centre to a point in said Avenue near its intersection with the northerly line of One Hundred and Thirty-fifth street, a distance of 3,906 feet; the whole length upon said centre line of said aqueduct, as above described, being 13,160 feet, and its width throughout said distance being 25 feet on each side of said centre line, save and except in its passage across the Harlem river, and where a greater width is shown upon the said map at several sites of the working shafts for the construction of the tunnel of the said aqueduct, and which sites are colored on said map in pink.

The enumeration of the numbers of the parcels to be taken in fee is as follows: Nos. 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 44 and 70.

The enumeration of the numbers of the parcels in which an easement in perpetuity is to be acquired is as follows: Nos. 7, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68 and 69.

Dated New York, September 11, 1885.

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