

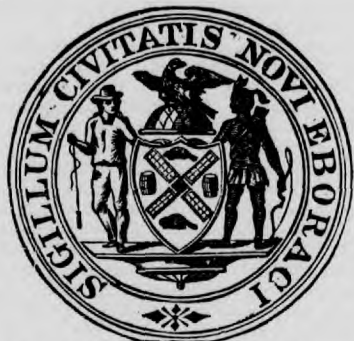
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DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter Ending March 31, 1879.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, May 10, 1879.

Hon. EDWARD COOPER, Mayor:

SIR—Herewith I have the honor to submit the following report of the transactions of this Department for the three months ending March 31, 1879:

SUMMARY OF EXPENDITURES.

On account of appropriations raised by taxation.....	\$227,014 24
On account of Assessment Fund, for street improvements.....	90,335 60
On account of Funded Debt, for improvement and extension of water supply.....	33,560 07
Total.....	\$350,909 91

The expenditures for the corresponding quarter of last year were, \$559,506.43.

The decrease of \$208,596.52 is partly accounted for by the fact that for the greater part of the first quarter of 1878 the weather was so mild that street improvements and other outdoor work could be safely prosecuted, while last winter nearly all such work had to be suspended.

CROTON BUREAU.

The two storage reservoirs and the natural lakes and ponds from which water may be drawn in dry seasons are now completely filled, and contain an available supply of nine thousand five hundred million gallons of water. The minimum daily flow of the Croton river during severe drought is 27,000,000 gallons; to fill the aqueduct at such times to its maximum capacity of 95,000,000 gallons per day would therefore require a daily draught of 68,000,000 gallons on the reservoirs and lakes, and this could be done for 139 consecutive days. It is beyond all probability that this will ever be required, and we are thus assured of a sufficient supply to keep the present aqueduct filled at all times.

The question of damages to the Tilly Foster Iron Mine in consequence of the construction and filling of the new storage reservoir is still under consideration by the Commissioners of Appraisal. The observations which the Department has made without interruption since the water was turned into the reservoir, show that very little, if any, additional pumping is required to remove water from the mine.

The severity of last winter caused a leak in the aqueduct at the Sing Sing Bridge, which was, however, temporarily repaired in a manner to stop the waste until more permanent repairs can be made in the spring season.

Other repairs to the structure include the following principal items:

- 110 cubic yards stone filling replaced.
- 1,200 " earth removed from top and placed on side of embankments.
- 98 " protection wall built.
- 200 lineal feet of street gutters over the aqueduct paved.

The work of repairing and strengthening the aqueduct, according to the plan pursued for the past two years, will be continued during the coming season to the full extent of the appropriations for this service, and at this date a considerable force is employed. In order to complete as much of this important work as possible, I have requested the Board of Estimate and Apportionment to transfer from another Bureau of this Department (from which it can be spared), the sum of twenty thousand dollars towards the repair and maintenance of the Croton Aqueduct.

The constant breaking of the two lines of six feet pipes which were laid by the Croton Aqueduct Board in 1866-7, to replace the masonry aqueduct from Ninth avenue and Ninetieth street to the Park reservoirs, a distance of 2,600 feet, is a heavy drain upon the appropriation for the maintenance of the aqueduct. Experience has proven that cast-iron pipes of so large a size are not safe and reliable for the purpose intended. They were laid on insecure foundation, and when the streets were filled in to the established grades, five to thirteen feet over the tops of the pipes, they could not bear the weight, and became broken and deranged in a number of places. From 1872 to 1878 very costly repairs were required to keep these mains in use, and it would have been better some years since to have substituted four feet pipes, or a sunken aqueduct on some other street. The expenditures for repairs on these pipes have been as follows:

In 1872.....	\$31,000 00
In 1873.....	23,000 00
In 1875 (only one line in use).....	12,000 00
In 1876.....	8,400 00
In 1878 (both lines in use five months).....	9,700 00
In 1879 (estimated for one line only).....	5,000 00

To temporarily repair the other line would cost an additional \$10,000.

The sunken aqueduct in Ninety-second street, built in 1862, seems to be a durable structure, and has thoroughly answered the required purpose.

Among the plans suggested by the Chief Engineer of the Croton aqueduct in March, 1878, for replacing or improving these pipes, are the following:

- Laying four feet pipes in place of the present pipes, estimated cost.....\$165,000
- Building a sunken aqueduct, estimated cost.....65,000
- Repairing pipes now broken, and reinforcing both lines with concrete covering.....55,000

The work of laying pipes for the distribution of Croton water was suspended during the quarter on account of the frost, but was resumed in the last week of March.

By chapter 477 of the Laws of 1875, the sum of \$1,500,000 was appropriated for this purpose, the expenditure being limited to \$500,000 in any one year. Since that time 57 $\frac{3}{4}$ miles of Croton pipes have been laid, and 1,632 fire hydrants set, as authorized from time to time by the Common Council. The Department has also commenced the erection of additional High Service works, at an estimated cost of \$220,000, and a number of resolutions of the Common Council, directing the laying of Croton pipes, are yet to be executed. The available balance of the fund created by the law of 1875 is only sufficient to cover this expense, and a further appropriation is required to provide for the necessary work of extending the water service to new districts, already partly populated or about to be populated. Unless provision is made for this work, the growth of the city, which has of late received a fresh impulse by the establishment of rapid transit and the revival of business, will be greatly impeded, as new houses will not be erected unless they can be supplied with Croton water. A bill has, therefore, been drafted and submitted to the Legislature, with your approval, providing for an expenditure not exceeding \$150,000 for the balance of this year, and not exceeding \$250,000 for any subsequent year, for extending and improving the distribution of Croton water, the moneys to be raised by immediate taxation from year to year. Hitherto this expenditure has been met by the issue of bonds.

On the 3d of February last a contract was made for the removal of the old aqueduct and the excavations and foundations for the new High Service works at Ninth avenue and Ninety-eighth street. Until the end of the quarter the weather was very unfavorable for the prosecution of this work, but it is now progressing rapidly. Bids have also been received for the two pumping engines, and the contract, after careful consideration, has been awarded to Mr. Henry R. Worthington, in

accordance with the recommendation and opinion of Messrs. Horatio Allen and Charles W. Copeland, engineers of large experience in this branch of business, to whom the bids and plans were submitted.

From year to year this Department and its predecessor, the Croton Aqueduct Board, have recorded their protests against the reckless waste of water in winter, to prevent freezing in the pipes. The evil effects of such waste increase from year to year, with the constant extension of the water service and the natural and legitimate increase of consumption for domestic and business purposes.

During the past winter, from the 25th of November to the 30th of March, there was not one week in which the mercury did not fall to or below the freezing point, and the pernicious practise of letting the water run in the houses night and day, was continued throughout the winter. The consequence was that the city reservoirs were reduced ten feet in depth, and the pressure in the pipes was diminished to a great extent, causing wide-spread inconvenience and dissatisfaction.

Since 1862, when the additional pipe across High Bridge was completed, the conduit capacity for delivering water into the city reservoirs has not been increased. Shortly after that time, in 1864, the Croton Aqueduct Board had occasion to protest against waste, and to state that the pressure could only be maintained by the exercise of economy in the use of water.

The report of the Croton Board at that time (1864), is so instructive and so pertinent to the present condition of the water question that I make the following extract:

"We are satisfied that the great object in the construction of the Croton works was obtained when abundant water was brought to every door, and its convenient delivery assured. Its moderate consumption and comparatively limited distribution during the early years of the operation of the works drew lightly upon the capacity of the pipes, and of course the temporary convenience of higher head was naturally felt; this has unfortunately led to unreasonable expectations on the part of the first consumers, and now that the city has greatly increased in area and population, with consequent increased demands upon the water service, they are inclined to consider that an unjust deprivation which, after all, but moderates an excessive privilege * * * We feel therefore obliged to suggest that the most immediate and efficient relief would be found in an economical use of water on the part of all takers. We feel even justified in saying that a portion of the lost pressure might be restored in the whole service, if the citizens themselves would be careful in its management. In their hands the remedy to a certain extent lies; it is *their duty* to arrest the utterly wicked waste that everywhere prevails, and to which their neglect universally contributes. They are to consider that where they claim so special a protection they are made equally responsible for any abuse, and we now can only continue to express our disappointment that, after repeated representations of the evil, neither conscience nor interest has seemed to operate in checking this reckless extravagance."

Fifteen years have elapsed since the date of this report, and the population of the city has been nearly doubled, yet no increased means of supply by additional conduits have been provided. If the difficulties of meeting the public demands were great at that time, how much greater must they be now. In fact, I have had unceasing care and anxiety during the whole of my brief term of office on this vital question of water supply. In the first two years (1876 and 1877), a drought unexampled for half a century brought us to the verge of a water famine, because earlier steps had not been taken to provide sufficient storage reservoirs at the sources of the Croton. By great efforts in purchasing additional lakes and cutting down outlets, and by care in the distribution by the Department, the supply was kept up, though in diminished quantity, until relief came, late in the season, through copious showers. The great reservoir in Putnam County having been since completed, no recurrence of a similar evil can take place from drought. During the past winter, as already explained in this report, the difficulty arose from a great fall in the level of the city reservoirs, caused by inordinate draughts to prevent freezing in the pipes, and not from any diminution of the supply in the aqueduct, which has been running to its utmost capacity throughout the winter. To alleviate the want of pressure in the elevated districts of the city, I took early measures to establish high service works of large capacity, and after much opposition, have succeeded in getting them under contract. Had the plans proposed by the Department been carried out, the evil complained of during the past winter would not have been felt. Other measures have also been adopted to overcome the difficulties of the situation, and it is safe to say that without the precautions applied within the past three years, in placing meters along the water-front, putting the water supply to shipping under responsible surveillance, and making frequent house inspections to detect waste and leaks, some of the higher points in the city would, at times, have been without water. I deem it but just to this Department to make the above statement in regard to a matter which so vitally affects the public interests.

During the quarter 20,028 house inspections were made, resulting in the detection of 5,421 leaks in fixtures, and 654 cases of willful waste.

It is intended to continue the application of meters as authorized by law to buildings and places where water is used in large quantities for business purposes, and where waste is great. In private dwellings, and indeed in all buildings, the protection of the water pipes against freezing should be made obligatory by law, and the law should be rigidly enforced.

HOUSATONIC RIVER.

In my last quarterly report I gave a sketch of the plan for procuring a large supply of water from the Housatonic river, of which stream a survey had been made. The estimates and plans have been completed, and in my next quarterly report detailed statements will be made upon this subject, and upon the plans of increasing the supply by means of additional storage reservoirs in the Croton basin. By a resort both to the Housatonic and to these storage reservoirs, an aqueduct of large dimensions can be supplied, which, in conjunction with the present aqueduct, will meet the demands of three millions of people.

As a quick and economical mode of increasing the supply, to a moderate extent, the Bronx river project as explained in previous reports should, in my opinion, be carried out, and I am in hopes that early steps may be taken for this purpose.

BUREAU OF WATER PURVEYOR.

The appropriations for repairing and improving the pavements for 1879 are the same as for last year, viz., \$150,000 for repairs, and \$300,000 for repaving.

On the 4th of March I sent to the Board of Aldermen my certificate, as required by chapter 476 of the Laws of 1875, "that the safety, health and convenience of the public require that the following named streets be repaved:—"

First—With Granite Block Pavement.

- New street, from Beaver to Wall street.
- Exchange place, from Broadway to William street.
- Church street, from Vesey to Chambers street.
- Centre street, from Chambers to Canal street, except where now paved with Belgian pavement.
- White street, from Broadway to West Broadway.
- Mercer street, from Bleecker to Eighth street.
- Seventh avenue, from Forty-seventh to Fifty-ninth street, except in rail-tracks.
- University place, from Eighth to Fourteenth street, except where now paved with Belgian pavement.
- Seventeenth street, from Broadway to Fifth avenue.
- Front street, from Maiden lane to Fulton street.
- Clarkson street, from Varick street to North river.
- Great Jones street, from Bowery to Broadway.
- Ninth street, from Second to Third avenue.
- Fifteenth street, from Sixth to Seventh avenue.
- Nineteenth street, from Third to Fourth avenue.
- Nineteenth street, from Fifth to Sixth avenue.

Second—With Trap-block Pavement.

- Water street, from Fulton to Market street.
- Madison street, from Market to Clinton street.
- Twenty-first street, from Seventh to Eighth avenue.
- Twenty-fourth street, from Lexington avenue to East river.
- First avenue, from Thirtieth to Thirty-sixth street.
- Twenty-sixth street, from Seventh to Eighth avenue.
- Tenth avenue, from Thirty-first to Forty-second street.
- Thirty-seventh street, from Sixth to Seventh avenue.
- Forty-fifth street, from Lexington to Fourth avenue.
- Forty-fifth street, from Madison to Fifth avenue.
- Fifty-sixth street, from Fifth to Sixth avenue.
- Fifty-seventh street, from Sixth to Seventh avenue.
- Fifty-eighth street, from Sixth to Ninth avenue.

Third—With Macadam Pavement.

- Fifth avenue, from Seventy-second to Ninetieth street.

The communication closes as follows: "The advertisement for proposals, preparation of contracts and specifications, awarding of contracts, and examination of sureties by the Comptroller, will take considerable time, and, as it is very desirable that all these preliminaries be completed in

time to commence work as soon as the ground is free from frost, your early action on this recommendation is earnestly requested."

On the 15th of April I again urged upon the Board of Aldermen the necessity of immediate action, in the following terms:

"The sum of \$300,000 has been appropriated for repaving during the present year. The season in which such work can be prosecuted is limited to about seven months. After your action some little time will be required for advertising and for the procurement of materials. The pavements of the streets are greatly in want of renewal, and the laborers who are seeking employment are abundant; so that, in every aspect of the question, it is highly important that immediate steps should be taken to commence the work, and I would again earnestly request your prompt action on my communication."

At the present writing, May 10, the subject is still under consideration in the Board. The Department has proceeded as far as it can by having the forms of contracts and specifications printed, and everything in readiness to advertise for proposals. The earliest time at which the paving could now be put under way is about the beginning of June, provided the necessary resolution is at once passed by the Board of Aldermen, and there is no delay on the part of contractors in having their sureties examined and their contracts signed. At least two months of the brief season are thus lost to this most necessary work.

The aggregate length of the above-named streets is eight and one-tenth miles, and the area of roadway to be repaved is 169,570 square yards.

Of last year's work there remained uncompleted, at the end of the season, the repaving of Second avenue, from Twenty-third to Forty-second street, with granite blocks, and repaving Fifth avenue, from Fifty-ninth to Seventy-second street, with Macadam pavement. On the Second avenue contract about one-third of the work was done when frost compelled the suspension of paving, and now the Metropolitan Elevated Railroad Company are building the foundations for their road on the avenue, and the completion of the contract is thus further delayed.

The Fifth avenue work was abandoned by the first contractor when the pavement was completed only from Fifty-ninth to Sixty-third street. It was re-let, and has just been completed under the new contract within the price named in the first contract.

The sureties on the proposal for repaving Vesey street out of last year's appropriation have only recently been approved, and the contract signed.

The repairs of pavements were resumed in the last week of March, when eleven repair gangs, consisting each of two pavers, one rammer, six laborers, and two carts, were set to work in various parts of the city. This force will be gradually increased, and during the season many of the cobble and other pavements may be put at least in passable condition. The item of repairs will continue to be a large one until the dilapidated pavements of the past are replaced by those of a more substantial and durable character.

BUREAU OF STREET IMPROVEMENTS.

Like other street improvements, the regulating, grading, curbing, guttering and flagging works under the charge of this Bureau were suspended during the quarter, except some excavations and filling for embankments.

The amount of this work for the quarter is—

5,552 cubic yards earth excavation.
6,300 cubic yards rock excavation.
43,000 cubic yards filling put in embankment.

BUREAU OF SEWERS.

Excepting the construction of 381 lineal feet of sewers, 151 lineal feet of culverts, and 2 receiving-basins, the work on the sewerage system was confined to the cleaning and repairs of sewers and basins, and the preparation of plans and specifications for new sewers and for alterations and improvements in the old system.

BUREAU OF STREETS.

The frequent and severe storms of last winter have done considerable damage to some of the country roads and unpaved streets in the upper part of the city which are under the charge of this Bureau. A small force has been kept at work to protect them as much as possible by keeping culverts and gutters open so as to pass the surface drainage, and by repairing breaks in embankments and road surfaces. As soon as the weather became favorable for road work the force was increased, and all these roadways will be put in good condition as early as possible.

BUREAU OF LAMPS AND GAS.

The number of public lamps was increased during the quarter from 21,539 to 21,600. Ninety-four new lamps were erected and lighted, twenty-four old lamps relighted, and fifty-seven lamps discontinued.

BUREAU OF REPAIRS AND SUPPLIES.

The renovation of the exterior of the City Hall has been completed. The severity of the past winter and large quantities of snow and ice have made considerable repairs necessary on the roofs of public buildings. New roofs have been built over parts of Catharine and Centre Markets. The ventilation of the General Sessions Court room has been improved by the construction of an air shaft. The steam pipes in the New Court-house were covered with felt to prevent loss of heat. The safes in the Finance Department were connected by a burglar alarm with the City Hall Police station. Additional space was fitted up in the attic of the City Hall for the use of the Engineers and Draftsmen of the Department. The site heretofore occupied by the Dog Pound, having been assigned to the Health Department for a hospital, the structure was taken down and the material stored for use in rebuilding the pound when it is again required.

The six public baths are at their usual winter berths in Gowanus bay, and are about to be re-fitted for the coming season. The Board of Estimate and Apportionment appropriated \$9,500 for a new bath, to be stationed at the Battery, and it will be constructed in time for use at the beginning of the bathing season.

Among the buildings under the charge of the Department as to maintenance and repairs are the public markets, and a brief description of these buildings, with some views and suggestions on the subject, may not be inappropriate.

Washington Market occupies the block bounded by Washington, West, Fulton and Vesey streets, covering an area of 42,875 square feet. It is a mere jumble of unsightly and dilapidated one-story frame buildings.

West Washington Market lies between West street, the North river, Dey street pier and Vesey street pier, and covers 558,000 square feet, including the streets and avenues by which it is traversed. The buildings are two-story wooden structures. The streets and avenues are paved with stone blocks.

Fulton Market is a one-story wooden structure (excepting three small, two-story brick buildings fronting respectively on Fulton, Front, and Beekman streets), and occupies the block bounded by Beekman, Fulton, South, and Front streets, with an area of 33,000 square feet. It is a complete piece of patchwork, continually requiring repairs.

Catharine Market consists of two one-story buildings, located in Catharine slip, extending from South street to Cherry street, and covering 7,700 square feet. The buildings are of a better character than those of Fulton and Washington Markets, having oval metal roofs, supported by brick piers.

Union Market is a plain and substantial three-story brick building, bounded by Houston and Second streets, Avenue D and Sheriff street, with a superficial area of 7,175 square feet. The second story is used as a Police station.

Essex Market is bounded by Grand, Essex, and Ludlow streets, and Essex Market place, and covers 14,350 square feet. It is a three-story brick building, with cellar, and is in fair condition. The second and third floors are used as an armory by the Sixty-ninth Regiment, National Guard.

Tompkins Market is in all respects the best market building owned by the city. It covers an area of 18,000 square feet, and is bounded by Sixth and Seventh streets, Third avenue and Hall place. It is a three-story iron building, with a new truss and slate roof, built in 1874, when the old roof was burned. The second and third floors constitute the present armory of the Seventh Regiment, National Guard. The whole building is in complete order.

Jefferson Market is at the junction of Sixth and Greenwich avenues, with a frontage of about 125 feet on each avenue, and an area of 12,000 square feet. A portion of it is a two-story brick building, and the remainder a one-story wooden structure, with a steep roof supported on brick piers. The whole structure is unsightly and dilapidated. The brick building was recently reported unsafe by the Building Department, and the necessary repairs to render it secure were made last month.

Clinton Market covers about 22,760 square feet, bounded by Spring, Canal, Washington, and West streets, and, like Washington Market, is merely a collection of old, one-story, wooden buildings, excepting one brick building, about 35 by 45 feet, fronting on Washington street.

Centre Market is a two-story brick building, covering 18,000 square feet, bounded by Broome, Grand, and Centre streets, and Centre Market place. The southerly half of the building is comparatively new and in good condition, the second floor being used as an armory by the Eleventh Regiment, National Guard. The northerly half of the structure is old and dilapidated; the second floor is used for manufacturing purposes, the entrance being by an outside iron stairway on Centre street.

The superficial area of all the public market buildings in the city, now used as markets, is 733,860 square feet, or nearly seventeen acres.

From the reports of the Finance Department, I find that the following revenue has been collected from occupants of these market buildings:

In 1874.....	\$359,303 30
In 1875.....	348,193 09
In 1876.....	354,037 77
In 1877.....	354,988 65
In 1878.....	352,234 73

Total for five years.....\$1,768,757 54

The expenditures for repairs on the several buildings for the past five years were:

On Washington Market.....	\$7,272 00
On Fulton Market.....	8,847 00
On Catharine Market.....	3,727 00
On Union Market.....	1,137 00
On Essex Market.....	4,313 00
On Tompkins Market.....	24,156 00
On Jefferson Market.....	1,632 00
On Clinton Market.....	1,820 00
On Centre Market.....	4,650 00

Total.....\$57,554 00

The Board of Estimate and Apportionment appropriated \$25,000, to be expended in the present year for regulating, paving, and flagging the piece of ground belonging to the city bounded by Gansevoort, Little Twelfth, Washington, and West streets and Tenth avenue, to be used as a stand for market wagons. This work will soon be put under contract, and will no doubt prove a valuable addition to the markets of the city.

In view of the dilapidated condition of most of the market buildings, some measures should soon be taken for their renewal. A moderate appropriation might be made annually for this purpose, and respectable and commodious structures substituted at one or two sites each year without materially increasing the tax levy in any one year. The increased revenue would, I believe, fully authorize such outlay.

BUREAU OF INCUMBRANCES.

During the quarter this Bureau received 350 complaints of obstructions on streets and sidewalks, and in 32 of these cases the obstructions had to be seized and removed by the Bureau, while in all the others the notices sent to the owners of the obstructions received due attention. The Bureau also removed 276 cart loads of stone and rubbish from various streets, and issued 944 permits to temporarily place building material on streets.

BUREAU OF WATER REGISTER.

The revenue collected and paid into the City Treasury, from the sale of Croton water, for the quarter, is as follows:

For Croton water rents.....	\$101,570 31
For penalties on Croton water rent.....	1,991 90
For tapping Croton pipes.....	804 00

Total.....\$104,366 21

The Department also collected and paid into the City Treasury:

For vault permits.....	\$3,491 20
For sewer permits.....	2,361 60
For removal of obstructions.....	35 00
For sewer pipe sold to contractors.....	239 40
For old materials sold at auction.....	372 42
For Inspector's services on work of Elevated Railroads.....	346 50
For work done and materials furnished to citizens.....	552 23

Total.....\$7,398 35

Very respectfully,

ALLAN CAMPBELL, Commissioner of Public Works.

Appendix "A."

Showing Titles of Appropriations; Amount of Appropriations and Transfers of 1878; Requisitions of 1878; Requisitions of First Quarter 1879 on Liabilities of 1878; Balances of Appropriations of 1878, on April 1, 1879; Appropriations for 1879; Requisitions, First Quarter, 1879; Balances, April 1, 1879; with Titles and Conditions of the "Trust Accounts."

TITLES OF APPROPRIATIONS.	APPROPRIATIONS AND TRANSFERS, 1878.	REQUISITIONS TO DECEMBER 31, 1878.	REQUISITIONS ON LIABILITIES OF 1878, SINCE DECEMBER 31.	BALANCES OF 1878, ON APRIL 1, 1879.	APPROPRIATIONS OF 1879.	REQUISITIONS, FIRST QUARTER, 1879.	BALANCES, APRIL 1, 1879.
Aqueduct—Repairs and Maintenance.....	\$112,000 00	\$110,346 89	\$1,648 89	\$4 22	\$92,000 00	\$14,514 39	\$77,485 61
Aqueduct—Repairs and Maintenance, Salaries.....	.....	.....	.....	.....	13,760 00	2,237 02	11,522 98
Boulevard, Roads, etc.—Maintenance.....	41,000 00	38,729 67	1,283 45	986 88	31,000 00	4,010 90	26,989 10
Boulevard, Roads, etc.—Maintenance, Salaries.....	.....	.....	.....	.....	4,000 00	687 04	3,312 96
Contingencies—Department of Public Works.....	2,500 00	2,368 33	60 62	71 05	2,500 00	144 05	2,355 95
Flagging Sidewalks and Fencing Vacant Lots, etc.....	1,100 00	1,081 99	18 01	18 01	1,000 00	.....	1,000 00
Free Floating Baths.....	5,880 00	5,711 28	156 00	12 72	9,500 00	5 20	9,494 80
Free Floating Baths, Battery.....	.....	.....	.....	.....	9,500 00	3 64	9,496 36
Free Floating Baths, Salaries.....	.....	.....	.....	.....	4,000 00	442 50	3,557 50
Free Floating Baths, Additional.....	16,559 27	12,272 45	.....	* 4,446 82	4,446 82	308 00	4,138 82
Lamps and Gas.....	498,809 59	463,726 88	35,074 68	8 03	524,000 00	78,715 75	445,284 25
Lamps and Gas, Salaries.....	.....	.....	.....	.....	6,000 00	904 00	5,096 00
Public Buildings—Construction and Repairs.....	31,250 00	30,868 43	308 09	73 48	33,000 00	2,635 01	30,364 99
Public Buildings—Construction and Repairs, Salaries.....	.....	.....	.....	.....	2,000 00	307 50	1,692 50
Public Drinking Hydrants.....	3,000 00	2,720 39	278 83	78	4,000 00	98 88	3,901 02
Removing Obstructions in Streets and Avenues.....	4,250 00	4,216 53	31 70	1 77	1,500 00	121 55	1,378 45
Removing Obstructions in Streets and Avenues, Salaries.....	.....	.....	.....	.....	2,000 00	345 00	1,655 00
Repairing and Renewal of Pipes, Stop-cocks, etc., Salaries.....	90,000 00	85,539 47	4,451 58	8 95	62,500 00	11,262 44	51,237 56
Repairing and Renewal of Pipes, Stop-cocks, etc., Salaries.....	.....	.....	.....	.....	25,000 00	4,296 48	20,703 52
Repaving, under chapter 476, Laws 1875.....	355,000 00	279,603 43	6,682 24	68,714 33	300,000 00	.....	300,000 00
Repaving, under chapter 476, Laws 1875, Salaries.....	.....	.....	.....	.....	6,000 00	318 79	5,681 21
Repairs and Renewal of Pavements.....	172,000 00	168,765 50	2,634 22	600 28	150,000 00	1,342 93	148,657 07
Roads and Avenues, and Sprinkling.....	18,595 79	18,595 79	1,392 63	11 58	18,000 00	511 02	17,488 98
Salaries—Department of Public Works.....	94,250 00	94,104 43	.....	85 57	92,000 00	21,200 46	70,799 54
Sewers—Repairing and Cleaning.....	60,000 00	56,992 00	2,441 39	566 61	46,200 00	5,378 81	40,821 19
Sewers—Repairing and Cleaning, Salaries.....	.....	.....	.....	.....	8,800 00	1,045 50	7,754 50
Street Improvements—For Street Signs, etc.....	620 00	548 00	.....	72 00	1,000 00	5 00	995 00
Supplies for and Cleaning Public Offices.....	92,250 00	90,998 91	1,208 13	42 96	60,234 00	14,080 47	46,153 53
Supplies for and Cleaning Public Offices, Salaries.....	.....	.....	.....	.....	15,366 00	2,845 60	12,520 40
Supplying Water to Shipping, etc., Salaries.....	8,000 00	7,990 00	.....	10 00	8,000 00	1,307 00	6,693 00
Wells and Pumps—Repairing and Cleaning.....	500 00	200 88	257 76	41 36	1,500 00	.....	1,500 00
Bridge across Fourth avenue, at One Hundred and Sixteenth street.....	.....	.....	.....	.....	17,500 00	.....	17,500 00
Fort Gansevoort Property, Grading, etc.....	.....	.....	.....	.....	25,000 00	.....	25,000 00
Totals.....	\$1,608,968 86	\$1,475,441 25	\$57,910 21	\$75,777 40	\$1,581,306 82	\$169 104 03	\$1,412,202 79

* Credit amount of Voucher withdrawn, \$160.

TRUST ACCOUNTS.	AMOUNTS AUTHORIZED BY BOARD OF ESTIMATE AND APPORTIONMENT.	AMOUNTS CALLED FOR BY COMMISSIONER OF PUBLIC WORKS.	AMOUNTS EXPENDED TO JANUARY 1, 1879.	AMOUNTS OF REQUISITIONS, FIRST QUARTER, 1879.	TOTAL REQUISITIONS TO APRIL 1, 1879.	AMOUNTS TO CREDIT ON APRIL 1, 1879.
Additional Alterations of Aqueduct, Ninety-third to One Hundred and Thirteenth street.....	\$3,550,000 00	\$3,600,000 00	\$3,596,740 09	\$3,089 40	\$3,599,829 49	\$170 51
Additional Alterations of Aqueduct, One Hundred and Eighteenth to One Hundred and Forty-second street.....	65,165 57	100,000 00	57,515 93	.....	57,515 93	42,484 07
Boulevard, Roads, etc.—Assessment Fund.....	.....	.....	.....	5,915 89	.....	.....
Croton Water Fund.....	1,310,000 00	1,310,000 00	1,279,065 79	11,843 18	1,290,908 97	19,091 03
Croton Water-main Fund.....	3,625,000 00	3,702,000 00	3,702,957 80	.....	3,702,957 80	47,042 20
Croton Water-main Fund, No. 2.....	1,238,000 00	1,488,000 00	1,140,384 97	18,627 49	1,159,012 46	328,987 54
Meter Stock.....	11,500 00	25,000 00	10,106 98	.....	10,106 98	14,893 02
Street Improvement Fund.....	.....	.....	.....	84,419 71	.....	.....

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

Appendix "B."

An Account in detail of all Expenditures of the Department of Public Works, for which requisitions were drawn on the Comptroller, during the Quarter ending March 31, 1879.

APPROPRIATIONS.

Aqueduct—Repairs and Maintenance—

Coal.....	\$2,455 00
Horsekeeping.....	50 00
Lumber.....	25 65
Oil.....	559 55
Pay-rolls, Laborers.....	8,334 95
Repairing boiler.....	514 42
Repairing engine.....	187 52
Supplies.....	74 94
Taxes.....	2,110 23
Tools.....	140 43
Traveling expenses.....	61 70

Total.....\$14,514 39

Aqueduct—Repairs and Maintenance, for 1878—

Repairing boiler, etc.....	\$211 53
Taxes.....	1,437 36

Total.....\$1,648 89

Aqueduct—Repairs and Maintenance (Salaries)—

Pay-rolls.....	\$2,257 02
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Boulevard, Roads, and Avenues, Maintenance—

Coal.....	\$42 00
Horse feed.....	53 20
Office rent.....	27 08
Pay-rolls, Laborers.....	3,867 74
Spokes, etc.....	20 88

Total.....\$4,010 90

Boulevard, Roads, and Avenues, Maintenance, for 1878—

Horseshoeing.....	\$7 50
Lumber.....	40 69
Office rent.....	54 17
Paint.....	173 49
Pay-roll.....	495 02
Repairing harness.....	12 55
Repairing roller.....	84 00
Sand and clay.....	398 12
Supplies.....	17 91

Total.....\$1,283 45

Boulevard, Roads, and Avenues, Maintenance (Salaries)—

Pay-rolls.....	\$687 04
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Contingencies—Department of Public Works—

Miscellaneous expenses.....	\$100 00
Traveling expenses.....	44 05

Total.....\$144 05

Contingencies for 1878—Department of Public Works—

Auctioneer's Commission.....	\$13 32
Removing rock.....	25 50
Traveling expenses.....	21 80

Total.....\$60 62

Free Floating Baths—

Supplies.....	\$8 84
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Free Floating Baths, for 1878—

Storing baths, etc.....	\$156 00
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Free Floating Baths (Salaries)—

Pay-rolls, Watchmen.....	\$442 50
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Free Floating Baths (Additional)—

Storing baths.....	\$308 00
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Lamps and Gas—

Glass.....	\$111 00
Glass street signs.....	175 00
Lamp globes.....	230 00
Lamp irons.....	74 00
Lamps.....	987 50
Lighting Armory, Third Regiment.....	47 69
“ Fifth “.....	60 80
“ Seventh “.....	195 32
“ Eighth “.....	43 20
“ Ninth “.....	443 08
“ Eleventh “.....	67 07
“ Twelfth “.....	135 47
Twenty-second Regiment.....	189 62
“ Sixty-ninth “.....	69 35
“ Seventy-first “.....	131 10
“ Battery “B” Artillery.....	3 99
“ “K” “.....	3 99
“ Sep. Troop “A” Cavalry.....	30 78
“ “B” “.....	32 87
Lighting Brown Stone Building.....	23 18
“ City Hall.....	499 51
“ County Jail.....	374 30

Lamps and Gas—

Lighting Court, Second District Civil.....	\$151 58
“ Fourth “.....	1 33
“ Fifth “.....	6 27
“ Sixth “.....	19
“ Eighth “.....	2 66
“ Ninth “.....	2 40
“ First District Police.....	178 41
“ Second “.....	49 21
“ Third “.....	53 01
“ Fourth “.....	59 63
“ Fifth “.....	19 00
“ Marine.....	6 27
“ Special Sessions.....	2 47
Department of Buildings.....	5 32
Engine-house at High Bridge.....	106 40
Market, Catharine.....	47 31
“ Centre.....	220 02
“ Clinton.....	204 25
“ Essex.....	89 87
“ Fulton.....	402 80
“ Jefferson.....	79 99
“ Tompkins.....	128 06
“ Union.....	59 85
“ Washington.....	441 94
“ New Court-house.....	734 35
“ Office of Collector of Arrears of Personal Taxes.....	4 18
“ Corporation Attorney.....	32 30
“ Engineers—Boulevard.....	40
“ Receiver of Taxes.....	205 58
“ Rivington Street Yard.....	3 42
“ Photometrical Rooms.....	34 49
“ South Gate-house.....	9 40
“ Streets, Central Gas-light Co.....	12,582 03
“ Harlem.....	13,822 92
“ Manhattan “.....	13,361 17
“ Metropolitan “.....	13,147 83
“ New York “.....	6,590 84
“ N. Y. Mutual “.....	1,643 90
“ N. Y. & N. J. Globe Gas-light Co.....	1,679 78
“ Northern Gas-light Co.....	8,151 70
“ Yonkers “.....	396 00
Pay-rolls, Lighters, etc.....	200 00
Supplies.....	4 40

Total.....\$78,715 75

Lamps and Gas, for 1878—

Lighting Streets, Central Gas-light Co.....	\$6,089 20
“ Harlem “.....	6,755 00
“ Manhattan “.....	6,655 00
“ Metropolitan “.....	6,426 54
“ New York “.....	3,216 33
“ N. Y. Mutual “.....	814 46
“ N. Y. & N. J. Globe Gas-light Co.....	844 30
“ Northern Gas-light Co.....	4,075 85
“ Yonkers “.....	198 00

Total.....\$35,074 68

Lamps and Gas—Salaries—

Pay-rolls, Inspectors.....	\$904 00
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Public Buildings—Construction and Repairs—

Brown Stone Building.....	\$293 46
Bureau of Repairs and Supplies.....	243 96
City Arsenal.....	131 53
City Hall.....	458 17
City Prison.....	119 17
Corporation Counsel's Office.....	17 28
County Jail.....	15 00
Court-house, New.....	557 33
“ Third District.....	6 00
“ Fifth “.....	14 71
“ Seventh “.....	26 17
Dispensary Building.....	56 51
District Civil Court, Eighth.....	22 93
Market, Catharine.....	51 59
“ Centre.....	236 18
“ Essex.....	14 66
“ Washington.....	217 60
No. 49 Beekman street.....	3 85
Register's Office.....	118 00
Rivington Street Yard.....	24 36
Taxes and Assessments Department.....	6 55

Total.....\$2,635 01

Public Buildings—Construction and Repairs, for 1878—

Brown Stone Building.....	\$11 39
Bureau Repairs and Supplies.....	91 42
City Hall.....	16 89
City Prison.....	3 33
Court, 1st District Civil.....	1 67
“ 5th “.....	44 82
Court-house, New.....	76 72
“ Third District.....	24 29
“ Seventh “.....	27 50
No. 91 Chatham street.....	10 06

Total.....\$308 09

Public Buildings—Construction and Repairs (Salaries)—

Pay-rolls, Carpenters.....	\$307 50
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Public Drinking Hydrants—

Repairing hydrants.....	\$98 98
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Public Drinking Hydrants, for 1878—	
Man and beast fountain.....	\$100 00
Repairing hydrants.....	178 83
Total.....	\$278 83
Removing Obstructions in Streets and Avenues—	
Carting and labor.....	\$121 55
Repairing Obstructions in Streets and Avenues, for 1878—	
Carting and labor.....	\$31 70
Removing Obstructions in Streets and Avenues (Salaries)—	
Pay-rolls, Inspectors.....	\$345 00
Repairing and Renewal of Pipes, Stop-cocks, etc.—	
Coke.....	\$25 00
Horsefeed.....	115 06
Hydrant boxes.....	250 00
Inspectors' badges.....	25 00
Pay-rolls, Laborers.....	10,509 19
Pipe yarn.....	136 50
Steel.....	26 88
Supplies.....	14 15
Tools.....	70 66
Wood.....	90 00
Total.....	\$11,262 44
Repairing and Renewal of Pipes, Stop-cocks, etc., for 1878—	
Coke.....	\$12 50
Excavating trench.....	366 00
Horseshoeing.....	32 70
Lead.....	307 38
Pay-rolls.....	1,914 05
Repairing harness.....	76 90
“ hydrants.....	387 00
“ wagon.....	92 35
Stop-cocks.....	442 80
Tapping cocks.....	759 90
Total.....	\$4,451 58
Repairing and Renewal of Pipes, Stop-cocks, etc. (Salaries)—	
Pay-rolls, Inspectors, etc.....	\$4,296 48
Repaving, under Chap. 476, Laws of 1875, for 1878—	
Repaving Second avenue, between Twenty-third and Forty-second streets.....	\$3,391 50
“ Fifth avenue, between Fifty-ninth and Seventy-second streets.....	3,290 74
Total.....	\$6,682 24
Repaving, under Chap. 476, Laws 1875 (Salaries)—	
Pay-rolls, Engineers.....	\$318 79
Repairs and Renewal of Pavements—	
Pay-rolls, Laborers.....	\$1,342 93
Repairs and Renewal of Pavements, for 1878—	
Belgian blocks.....	\$720 00
Pay-roll.....	1,625 92
Repairing tools.....	88 30
Sand.....	200 00
Total.....	\$2,634 22
Roads and Avenues and Sprinkling—	
Pay-rolls.....	\$484 55
Tools.....	26 47
Total.....	\$511 02
Roads and Avenues and Sprinkling, for 1878—	
Filling.....	\$233 41
Pay-roll.....	996 32
Repairing tools.....	100 40
Traveling expenses.....	62 50
Total.....	\$1,392 63
Salaries—Department of Public Works—	
Pay-rolls.....	\$21,209 46
Sewers—Repairing and Cleaning—	
Cleaning basins, etc.....	\$1,600 00
Pay-rolls.....	3,585 55
Repairing basins.....	156 66
Supplies.....	36 60
Total.....	\$5,378 81
Sewers—Repairing and Cleaning, for 1878—	
Cleaning culverts, etc.....	\$800 00
Connecting sewer.....	174 66
Cement.....	34 50
Manhole frames and covers.....	880 03
Repairing basins.....	286 91
“ sewer.....	159 05
Supplies.....	106 24
Total.....	\$2,441 39
Sewers—Repairing and Cleaning (Salaries)—	
Pay-rolls.....	\$1,045 50
Street Improvements, for Street Signs, etc.—	
Street signs.....	\$5 00
Supplies for and Cleaning Public Offices—	
Armory 3d Regiment.....	\$60 00
“ 5th “.....	32 50
“ 7th “.....	102 75
“ 8th “.....	35 00
“ 9th “.....	14 25
“ 11th “.....	58 00
“ 12th “.....	115 00
“ 22d “.....	145 29
“ 71st “.....	86 00
“ Battery B.....	31 00
“ “ K.....	49 00
“ Sep. Troop A.....	10 00
“ “ B.....	52 50
Board of Aldermen.....	234 33
Brown Stone Building.....	358 75
Bureau Repairs and Supplies.....	864 21

Supplies for and Cleaning Public Offices—	
City Hall.....	\$384 00
County Jail.....	279 75
Court, Common Pleas.....	405 00
“ General Sessions.....	103 50
“ Special “.....	88 00
“ Superior.....	142 35
“ Supreme.....	105 31
“ First District Civil.....	98 00
“ Second “.....	78 50
“ Third “.....	114 50
“ Fifth “.....	106 11
“ Sixth “.....	31 75
“ Seventh “.....	60 00
“ Eighth “.....	210 16
“ Ninth “.....	75 56
“ First District Police.....	188 61
“ Second “.....	143 48
“ Third “.....	100 00
“ Fourth “.....	26 35
“ Fifth “.....	113 50
Court-house, Third District.....	112 50
“ Seventh “.....	270 00
“ New.....	955 75
Department of Buildings.....	43 75
“ Finance.....	175 12
“ Public Works.....	305 48
“ Taxes and Assessments.....	37 50
Dog Pound.....	5 00
Gansevoort Street Yard.....	4 25
No. 49 Beekman street.....	25 50
No. 27 Chambers street.....	75 75
Office Commissioners of Accounts.....	208 25
“ Corporation Attorney.....	6 50
“ “ Counsel.....	30 85
“ District Attorney.....	39 50
“ Mayor.....	255 60
“ Public Administrator.....	19 25
“ Surrogate.....	51 70
Pay-rolls, Cleaners, etc.....	6,333 71
Rivington Street Yard.....	22 00
Total.....	\$14,080 47

Supplies for and Cleaning Public Offices, for 1878—	
Armory 5th Regiment.....	\$10 00
“ 7th “.....	90 00
“ 9th “.....	104 50
“ 71st “.....	40 00
Board of Assessors.....	4 80
Bureau Repairs and Supplies.....	353 65
City Hall.....	93 55
County Jail.....	5 00
Court, Second District Civil.....	4 57
“ Fourth “.....	22 57
“ Fifth “.....	8 54
“ Sixth “.....	4 57
“ Eighth “.....	4 57
“ Ninth “.....	5 38
“ First District Police.....	4 57
“ Third “.....	4 57
“ Fourth “.....	1 50
“ Fifth “.....	1 20
Court-house, Third District.....	9 15
“ Seventh “.....	9 15
“ Tenth “.....	2 40
“ New.....	260 68
Court of Special Sessions.....	4 06
Department of Finance.....	3 00
Dispensary Building.....	139 29
No. 49 Beekman street.....	6 86
Office of Mayor.....	10 00
Total.....	\$1,208 13

Supplies for and Cleaning Public Offices (Salaries)—	
Pay-rolls.....	\$2,845 60
Supplying Water to Shipping, etc. (Salaries)—	
Pay-rolls.....	\$1,307 00
Wells and Pumps—Repairing and Cleaning, for 1878—	
Repairing pumps.....	\$257 76

RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs and Maintenance.....	\$14,514 39
“ “ “ for 1878.....	1,648 89
“ “ “ Salaries.....	2,257 02
Boulevard, Roads, etc.—Maintenance.....	4,010 90
“ “ “ for 1878.....	1,283 45
“ “ “ Salaries.....	687 04
Contingencies—Department of Public Works.....	144 05
“ “ “ for 1878.....	60 62
Free Floating Baths.....	8 84
“ “ “ for 1878.....	156 00
“ “ “ Salaries.....	442 50
“ “ “ Additional.....	308 00
Lamps and Gas.....	78,715 75
“ “ “ for 1878.....	35,074 68
“ “ “ Salaries.....	904 00
Public Buildings—Construction and Repairs.....	2,635 01
“ “ “ for 1878.....	308 09
“ “ “ Salaries.....	307 50
Public Drinking Hydrants.....	98 98
“ “ “ for 1878.....	278 83
Removing Obstructions in Streets and Avenues.....	121 55
“ “ “ for 1878.....	31 70
“ “ “ Salaries.....	345 00
Repairing and Renewal of Pipes, Stop-cocks, etc.....	11,262 44
“ “ “ for 1878.....	4,451 58
“ “ “ Salaries.....	4,296 48
Repaving, under Chapter 476, Laws 1875, for 1878.....	6,682 24
“ “ “ Salaries.....	318 79
Repairs and Renewal of Pavements.....	1,342 93
“ “ “ for 1878.....	2,634 22
Roads and Avenues, and Sprinkling.....	511 02
“ “ “ for 1878.....	1,392 63
Salaries—Department of Public Works.....	21,209 46
Sewers—Repairing and Cleaning.....	5,378 81
“ “ “ for 1878.....	2,441 39
“ “ “ Salaries.....	1,045 50
Street Improvements, for Street Signs, etc.....	5 00
Supplies for and Cleaning Public Offices.....	14,080 47
“ “ “ for 1878.....	1,208 13
“ “ “ Salaries.....	2,845 60
Supplying Water to Shipping, etc.—Salaries.....	1,307 00
Wells and Pumps—Repairing and Cleaning, for 1878.....	257 76
Total amount of Appropriations.....	\$227,014 24

TRUST ACCOUNTS.

ADDITIONAL ALTERATIONS OF AQUEDUCT.

Fencing around gate-houses.....	\$2,985 40
Inspecting.....	104 00
Total.....	\$3,089 40

CROTON WATER FUND.

Building flume.....	\$30 00
Disbursements for Commission.....	349 67
Horsekeeping.....	80 00
Incidentals.....	29 87
Pay-rolls.....	1,959 70
Printing.....	1,411 84
Rent of land.....	725 00
“ mill seat.....	375 00
Searches of titles.....	2,000 00
Services of Clerks.....	450 00
“ Counsel, etc.....	3,752 61
“ Expert Witness.....	100 00
“ Stenographer.....	358 99
Taxes.....	220 50
Total.....	\$11,843 18

CROTON WATER-MAIN FUND.

Changing service taps.....	\$842 88
Horsekeeping.....	82 60
Incidentals.....	30 17
Laying mains.....	5,975 93
Pay-rolls.....	9,429 04
Relaying mains.....	968 63
Stop-cock boxes and covers.....	1,247 72
Traveling expenses.....	50 52
Total.....	\$18,627 49

STREET IMPROVEMENT FUND.

Culvert—	
Northwest corner of One Hundred and Forty-third street and Boulevard, R. A. Cunningham.....	\$52 00
Paving—	
Sixty-eighth street, at intersection of Fourth avenue, J. D. Crimmins.....	\$831 45
Seventy-seventh street, between Third avenue and Avenue A, J. M. Shannon.....	7,246 58
Receiving-basin—	
Northeast corner of Seventieth street and Fifth avenue, M. A. Kellogg.....	137 00
Regulating, Grading, etc.—	
Madison avenue, between Ninety-ninth and One Hundred and Fifth streets, J. Slattery.....	\$5,906 25
Sixty-sixth street, between Eighth avenue and Boulevard, J. Mulholland.....	1,066 10
One Hundred and Third street, between First and Fifth avenues, J. C. Dowling.....	3,591 00
Sewers—	
Greenwich avenue, between Thirteenth street and Eighth avenue, P. T. Masterson.....	\$406 98
New avenue, between One Hundred and Sixteenth street and Avenue St. Nicholas, J. Everard.....	1,070 48
West street, between Barclay street and Park place, Chas. Devlin.....	702 90
First avenue, between Ninety-second and One Hundred and Tenth streets, J. C. Dowling.....	34,831 70
Eleventh avenue, between Sixty-sixth and Seventy-sixth streets, Crimmins & Dowdney.....	17,292 45
Ninety-fifth street, between Third and Lexington avenues, J. B. Healy.....	1,164 87
Engineers on Sewers.....	55,469 38
Inspectors of Regulating, Grading, etc.....	6,758 75
“ Sewers.....	735 00
Incidental expenses, Sewers.....	1,168 00
Surveying.....	434 63
Surveying.....	1,023 57
Total.....	\$84,419 71

STREET IMPROVEMENTS, ABOVE FIFTY-NINTH STREET.

Planting Avenue St. Nicholas—	
Pay-roll, Engineers.....	\$14 23
Planting Seventh Avenue—	
Pay-rolls, Engineers.....	\$27 82
Surveying.....	930 44
Planting Boulevard—	
Pay-rolls, Engineers.....	37 04
Regulating, Grading, etc., Morningside Avenue—	
Pay-rolls, Engineers.....	\$349 97
“ Laborers.....	58 07
Rubble wall.....	957 00
Regulating, Grading, etc., Eleventh Avenue—	
Pay-rolls, Engineers.....	\$228 50
Regulating, grading, etc.....	3,312 82
Total.....	\$5,915 89

GENERAL SUMMARY.

Amount drawn on Appropriations.....	\$227,014 24
Amount drawn on Trust Accounts—	
Additional Alterations of Aqueduct.....	\$3,089 40
Croton Water Fund.....	11,843 18
Croton Water Main Fund.....	18,627 49
Street Improvement Fund.....	84,419 71
Street Improvements, above Fifty-ninth street.....	5,915 89
Total.....	123,895 67
Grand Total.....	\$350,909 91

Contracts Completed during the Three Months ending March 31, 1879.

DATE.	NATURE AND LOCATION OF WORK.		COST.
1879.			
Jan. 4	Paving	Seventy-seventh street, between Third avenue and East river, with Belgian pavement.....	\$8,418 33
" 4	Sewer.....	West street, between Barclay street and Park place.....	905 50
" 13	Sewers.....	Greenwich avenue, between Thirteenth street and Eighth avenue, and in Bank street, between Waverley place and Greenwich avenue.....	665 18
" 29	Receiving-basin.....	Northeast corner of Seventieth street and Fifth avenue.....	179 00
" 30	Tree Planting.....	Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-fourth street.....	4,388 82
" 30	Sewers.....	First avenue, between Ninety-second and One Hundred and Tenth streets, and in Second avenue, between Ninety-fifth and One Hundred and Ninth streets, with branches, etc., etc.	141,252 28
Feb. 13	Regulating and paving....	Intersection of Sixty-eighth street and Fourth avenue, with granite pavement.....	956 21
" 21	Sewer.....	Eleventh avenue, between Sixty-sixth and Seventy-sixth streets, with branches in Sixty-seventh, Sixty-eighth, Sixty-ninth, Seventy-first, Seventy-second and Seventy-third streets, and connection of present sewer in Seventieth street.....	65,427 45
	Total.....		\$222,192 77

RECAPITULATION.

Four sewer contracts.....	\$208,250 41
Two paving contracts.....	9,374 54
One receiving-basin contract.....	179 00
One miscellaneous contract.....	4,388 82
Total.....	\$222,192 77

Contracts Made during the Three Months ending March 31, 1879.

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED AMOUNT.
1879.				
Mar. 7	Regulating, grading, etc., One Hundred and Second street, from Fifth avenue to Hudson river.....	Joseph Walsh, 491 Marcy ave., B'klyn.	Thomas Walsh, 114 Wall street..... Augustin Walsh, 114 Wall street.....	\$42,421 00
	MISCELLANEOUS CONTRACTS.			
Feb. 3	Foundation for engine and boiler-house, tower, chimney, tank, etc., on lots between Ninety-seventh and Ninety-eighth streets, 100 feet west of Ninth avenue.....	James Everard, 307 & 309 E. 40th st.	A. J. Dittenhoeffer, 10 W. 49th street..... Sheridan Shook, 240 W. 34th street.....	18,203 00
Mar. 20	Furnishing cast-iron water-pipes, branch pipes, and special castings for the department.....	R. D. Wood & Co., Philadelphia.....	John P. Kennedy, 10 E. 47th street..... H. J. Davis, 127 W. 41st street.....	39,330 00
“ 31	Regulating, grading, setting curb and gutter stones and flagging Ninth avenue, from Sixty-third street to the northerly line of Boulevard.....	John D. Crimmins, 1037 Third avenue.....		661 60
“ 13	Fencing vacant lots on east side of Sixth avenue, between One Hundred and Twenty-fourth and One Hundred and Twenty-fifth streets.....	M. Mahony, Foot of E. 65th street		110 78
“ 13	Fencing vacant lots on east side of Madison avenue, between Eightieth and Eighty-first streets, and between Madison and Fourth avenues.....	M. Mahony, Foot of E. 65th street		156 31
“ 13	Fencing vacant lots on block bounded by Sixty-ninth and Seventieth streets and Lexington and Fourth avenues.....	M. Mahony, Foot of E. 65th street		118 90
“ 13	Fencing vacant lots in Forty-fourth street, between Tenth and Eleventh avenues.....	M. Mahony, Foot of E. 65th street		20 74
			Contracts amounting to less than \$1,000 each. Sureties not required.	
				\$101,022 33

RECAPITULATION.

One regulating, grading, etc., contract.....	\$42,421 00
Two miscellaneous contracts.....	57,533 00
Five special contracts amounting to less than one thousand dollars each.....	1,068 33
Eight contracts.....	\$101,022 33

DEPARTMENT OF PUBLIC WORKS,

OFFICE OF CHIEF ENGINEER, ROOM 11½,
NEW YORK, March 31, 1879.

ALLAN CAMPBELL, Esq., Commissioner of Public Works:

SIR—I have the honor to report that during the quarter ending March 31, 1879, there has been expended in this Bureau for work done and materials furnished, and for which bills have been transmitted, as follows:

Aqueduct—Repairs and Maintenance, “Salaries”.....	\$3,403 68
Aqueduct—Repairs and Maintenance.....	15,475 69
Additional Alterations Aqueduct, Ninety-third to One Hundred and Thirteenth street.	3,089 46
Croton Water Fund.....	12,743 40
Croton Water-main Fund No. 2.....	16,274 35
Shipping and Building, “Salaries”.....	1,977 00
Repairing and Renewal of Pipes, Stop-cocks, etc., etc., “Salaries”.....	3,538 50
Repairing and Renewal of Pipes, Stop-cocks, etc.....	3,290 78
	\$59,792 86

STORAGE RESERVOIRS.

Both of the Storage Reservoirs are full, and the water has been running over the spill-way during the past three months.

The necessary plans and estimates for sodding the face of the dam of the new reservoir, building retaining walls to the overfall of Boyd's Corners Reservoir, and a house for watchman at Boyd's Corners Reservoir, heretofore reported to be necessary, will soon be made out, so that the work can be completed this summer.

The lakes that have been used by this Department are all full.

All of the work around the reservoirs has stood the winter and is now in good order.

The Commission appointed to appraise the damages to the owners of property and water rights in and around Lakes Mahopac and Kirk, have held several sessions during the past quarter.

The Commissioners appointed to appraise damages to the Tilly Foster Iron Mine by the filling of the reservoir on the middle branch of the Croton river, has held no session during the past three months. We still have an assistant engineer stationed at the mine, gauging the amount of water pumped at the mine; the result so far shows but very little increase from the filling of the reservoir in the amount pumped.

The rain-fall at Boyd's Corners Reservoir during January was 2 52-100 inches, including 22¾ inches of snow; during February 2 85-100 inches, including 14½ inches of snow; during March 4 96-100 inches, including 10½ inches of snow, making a total of 10 33-100 inches, including 47¾ inches of snow, for the quarter.

AQUEDUCT.

The Croton river furnished a full supply to the aqueduct during the past quarter, and from four to forty inches running over the Croton dam.

The aqueduct has been used to its full safe capacity steadily during the quarter, and the only trouble this winter has been at the bridge in Sing Sing, where during the severe cold weather the contraction and expansion of the masonry has caused more or less of a leak in the aqueduct running through same.

The work of cleaning the ditches, culverts, etc., has been carried on, and on the First Division, 110 cubic yards of heavy stone filling below the apron of the dam has been replaced where washed out by the freshets of December.

On Second Division, 98 cubic yards of protection wall has been rebuilt.
On Third Division, 400 lineal yards of retaining fence wall has been built, and 150 cubic yards of earth removed from the top of one of the embankments.
On Fifth Division, 200 feet of street-gutters over the aqueduct has been paved.
On Seventh Division, the railing around High Service Reservoir, and the iron work of steps and gate-houses have been painted.
On Eighth Division, the pipe vaults have been whitewashed; the roofs of the several gate-houses repaired, and all the stop-cocks, chambers, and screws kept in good condition.
The pumping engines at High Bridge have steadily supplied the High Service Reservoir and the tank in the tower; the necessary repairs to pump, boilers, etc., have been made.

SIX-FOOT PIPES.

A gang of men have commenced the repairs to the East line of the six-foot pipes laid on Ninetieth street and Eighth avenue, connecting the aqueduct with the old Receiving Reservoir in Central Park.

These lines of pipes have given more or less trouble for a number of years, and have only been used for the past five years to keep up a circulation of water in the old Receiving Reservoir, the property in the vicinity being in danger of an excessive flood if the gates were fully opened, and any one of them should give out.

As stated by the Chief Engineer in the report of this Department for 1872 and 1873: "There is no disguising the fact that these lines of pipe are a failure, and that new means must be provided for conveying the water between these points."

I recommend that a four-foot pipe be laid from Ninety-third street and Tenth avenue along Tenth avenue to Eighty-fifth street, thence through Eighty-fifth street and the Central Park to the aqueduct, connecting with one of the six four-foot pipes on Tenth avenue, and with the aqueduct at or near the junction of the present six-foot pipes. This will deliver about 16,000,000 gallons of water daily, and keep up the circulation through the old Receiving Reservoir.

The estimated cost of this line of pipe and connection is sixty thousand (60,000) dollars.

The contract for grading and fencing the lots around the gate-houses at Ninety-second and Ninety-third streets and Ninth avenue, and at One Hundred and Thirtieth street and Tenth avenue, has been completed, and as soon as the weather permits, these lots will be properly seeded down in grass, so that the property of the city will be in a good shape, and not unsightly to the neighborhood.

LAYING PIPES.

The weather during the past three months has been so severe that all work of laying pipes has been suspended except where rock was to be excavated. During the past week the contractors have again commenced work, and a gang of men have been placing hydrants as called for by the Fire Department.

Bids have been asked for laying pipes on several streets and avenues where called for by resolutions of the Common Council.

AMOUNT OF PIPE LAID.

48-inch pipe, 300 feet.
36-inch " 250 "
12-inch " 1,040 "
6-inch " 500 "
Small hydrants placed, 14.
Large " " 4.

NEW HIGH SERVICE WORKS.

A contract has been made to remove the aqueduct and to build foundations for engine and boiler house, etc., on the lots between Ninety-seventh and Ninety-eighth streets, 100 feet west of Ninth avenue, belonging to the city, for the new High Service Works. The weather has been so cold that the contractor made but little progress up to last week, since which time his operations have been carried on with dispatch.

Bids and plans have been received for the engines, pumps, boilers, etc., for this work, but the wide differences in price and in forms of construction made it necessary to refer the same to two mechanical engineers for their opinion as to which would be the most economical and durable for the present and future.

The plans and specifications for the engine and boiler house, tower chimney, etc., are nearly completed, and in a few days will be submitted for approval.

The inspection of the pipes, hydrants, etc., along the water fronts has been continued, and with the exception of the hydrants on pier at foot of Twenty-sixth street, East river, which are under the control of the Commissioners of Charities and Correction, and whose employees are very negligent in closing their hydrants, we have been able to stop waste along the rivers, the pipes on most of piers being metered and the rest shut off during the winter. Building was almost suspended on account of the weather and the inspectors employed on same were used around the water front.

During the past quarter there has been issued—

1 permit for engines on wharves, amounting to	\$7 00
117 permits for Building Permits, "	2,267 75
164 " shipping	4,422 83
And water measured by meter	18,910 65
Total	\$25,608 23

The examination of buildings throughout the city has been continued with an increased force, but all such examinations are made during the day time, whereas the great waste during the winter is at night when it is impossible to obtain entrance into the houses. The following statement shows the number of leaking fixtures found and where water was running to waste:

REPORT OF EXAMINATIONS

Made by Inspectors relative to Leaky Fixtures and Waste of Water, from January 1 to March 31, 1879, inclusive.

DISTRICT.	Whole number of Buildings Inspected.	Number in which Plumbing was Defective Water Wasted.	FAUCETS.		WATER CLOSETS OR URINALS.		HYDRANTS IN YARDS.		PIPES BURST.	BALL-COCKS WANTED.
			Leak.	Waste.	Leak.	Waste.	Leak.	Waste.		
First	1,842	193	169	20	6	18	1	..	1	..
Second	1,217	105	34	3	2	18	39	4	5	..
Third	867	216	194	9	..	26	26	45	..	1
Fourth	516	59	43	1	..	4	5	2	6	1
Sixth	889	216	160	..	2	..	36	..	..	..
Seventh	859	57	71	..	2	..	1	..	2	..
Eighth	854	177	41	1	42	2	61	44	1	..
Ninth	1,154	175	181	1	..	4	1	2	3	..
Tenth	430	106	48	47	14	13	8	10	2	..
Eleventh	1,475	296	694	..	36	1	10	5	18	1
Twelfth	454	105	95	..	4	..	7	..	1	..
Thirteenth	552	126	111	..	..	28	2	27	7	..
Fourteenth	1,081	127	148	3	6	..	3	2	..	..
Fifteenth	537	44	40	..	8	..	5	..	..	..
Sixteenth	399	129	150	..	35	..	15	..	2	1
Seventeenth	2,444	488	640	..	7	2	27	4	7	..
Eighteenth	791	166	155	32	20	12	12	4	2	..
Nineteenth	1,378	613	517	33	255	85	4	1	6	39
Twentieth	1,933	390	1,054	7	10	90	33	..	10	..
Twenty-first	356	28	36	..	1	1	..	..	..	..
Twenty-third and Twenty-fourth W'ds										
Totals	20,028	3,816	4,581	157	471	304	296	150	73	43

WASTE OF WATER.

During the month of January the water in the reservoirs fell 6 feet 10 inches, being an average during the month of 8,000,000 gallons per day more than the aqueduct was furnishing the city; during the month of February the water in the reservoirs fell 2 feet 11 inches, an average of 3,500,000 gallons per day more than the safe capacity of the aqueduct; during the month of March, for the first thirteen days we lost 7 inches of water in the reservoirs, but have since gained 19 inches for one half of the reservoirs, so that there has been used on an average only the amount running in the aqueduct. The means necessary to stop the enormous and extravagant waste of water in large cities, has been discussed for a number of years, and the want of some reliable instrument for measuring the flow of water through pipes was for a number of years a stumbling block in the way of any radical means to enforce economy in the use of water. Inspection, fines, restricting size of taps, and other means have been tried, but the increase of consumption of water has always been greater per capita than the actual increase of population.

The Croton Aqueduct Board in their Report for 1856, state: "The only remedy which can be

applied to diminish the wasteful consumption, is the Water Meter;" in their Report for 1857, under the head of "Waste of Water," they state: "No restraint in this regard seems to be exercised by householders, and no efforts on the part of the Board seem to be of any avail in checking a degree of waste within the doors of private houses and stores, which is unwarrantable and dishonest in itself, as it is unjust to the officers whose duties and cares it renders doubly harassing."

Within the houses our inhabitants must be left almost to their own sense of right, and the Board have found that but little can be hoped from the existence of such a principle."

The Croton Aqueduct Board in 1861 and 1862, completed a 7½ foot pipe across High Bridge and the new reservoir in Central Park, more than doubling the amount of water available for the supply of the city, but with all this increased supply they state in their Report for 1864: "We are satisfied that the great object in the construction of the Croton works was obtained, when abundant water was brought to every door, and its convenient delivery assured. Its moderate consumption and comparatively limited distribution during the early years of the operation of the works, drew lightly upon the capacity of the pipes, and of course the temporary convenience of higher head was naturally felt; this has unfortunately led to unreasonable expectations on the part of the first consumers, and now that the city has greatly increased in area and population, with consequent increased demands upon the water service, they are inclined to consider that an unjust deprivation, which after all but moderates an excessive privilege."

We feel, therefore, obliged to suggest that the most immediate and efficient relief would be found in an economical use of water on the part of all takers. We feel justified in saying that a portion of the lost pressure might be restored in the whole service, if the citizens themselves would be careful in its management. In their hands the remedy to a certain extent lies; it is their duty to arrest the utterly wicked waste that everywhere prevails, and to which their neglect universally contributes. They are to consider that where they claim so special a protection, they are made equally responsible for any abuse. And we now can only continue to express our disappointment that, after repeated representations of the evil, neither conscience nor interest has seemed to operate in checking this reckless extravagance."

With fifteen years' increase of population and buildings, and no increased means of supply, how much greater is the need of some extreme remedy for the waste so fully portrayed by the Croton Aqueduct Board.

By the Charters of 1871 and 1873 the Commissioner of Public Works was authorized to cause meters to be placed in all places in which water is furnished for business consumption; but little was done under this provision until the past three years, when meters have been applied along the water front and in stables, and the amount of waste so stopped shows clearly the necessity of extending the use of meters to the full extent of the law. The meter is the best inspector, being always there, and enables the consumer to find where the waste is, and check the same; and it has become a demonstrated fact that the city with the most meters in use shows the least consumption of water per capita in that city.

Taking Chicago as an example: the amount of water used per day per capita having increased from 90 gallons in 1875 to 119 gallons in 1877, when the new pumping works were brought into use, this city will require meters to check waste even if a large increased supply is obtained.

Respectfully yours,
G. W. BIRDSALL,

First Assistant Engineer, Croton Aqueduct, in Charge of Bureau.

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, No. 4 CITY HALL,
NEW YORK, April 7, 1879.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—I have the honor to report to you the transactions of the Bureau of Water Purveyor for the months of January, February, and March, 1879.

REPAIRING PIPES, STOP-COCKS, ETC.

The usual force consisting of three companies have been constantly employed during the past quarter in repairing and renewing pipes, stop-cocks, and fire hydrants.

REPAIRS TO STREET PAVEMENTS.

No work under this head had been done during the quarter until the last week of March, when eleven of the twelve companies which were suspended in December last began the work of repairing such places in the pavement as had become dangerous by the action of the frost, and from other causes during the winter.

PLACING LARGE HYDRANTS.

Since the 18th of March, a small force has been engaged in placing large hydrants in some of the down town streets, on the east side of the city, and in repaving over Croton water-mains.

REPAIRING SIX-FEET PIPES.

The force which was suspended in August last by reason of the exhaustion of the appropriation, resumed the work of repairing six-foot pipes at Ninetieth street and Eighth avenue (Aqueduct continuation), on the 16th February, and have been constantly employed since that date.

BOULEVARDS, ROADS, AND AVENUES, MAINTENANCE OF.

For a report of the transactions of this Department of my Bureau, I would respectfully refer you to the statement of Mr. Jos. K. Choate, Acting Engineer in Charge, hereto appended.

Number of men employed under charge of Bureau of Water Purveyor during the months of January, February, and March, 1879, paid from different appropriations, with amounts of pay-rolls:

MONTHS, 1879.	REPAIRING AND RENEWAL OF PIPES, STOP-COCKS, ETC.		CROTON WATER MAIN FUND No. 2.		REPAIRS AND RENEWAL OF PAVEMENTS.		AQUEDUCT, REPAIRS AND MAINTENANCE.	
January	60	\$3,557 17	9	\$598 58	11	\$545 64	..	.....
February	61	3,250 74	3	276 00	9	509 22	10	\$315 00
March	61	3,796 15	22	728 24	62	1,079 49	23	1,105 55
Totals	182	\$10,604 06	34	\$1,602 82	82	\$2,134 35	33	\$1,465 55

RECAPITULATION.

Amount of Pay-rolls for January, February, and March, 1879.

Raparing and renewal of Pipes, Stop-cocks, etc.	\$10,604 06
Croton Water-main Fund No. 2.	1,602 82
Repairs and Renewal of Pavements	2,134 35
Aqueduct—Repairs and Maintenance	1,480 56
Total	\$15,821 79

Number of vault permits issued during January, February, and March, 1879, was twenty (20). Receipts for same was twenty-nine hundred and seventy-one dollars and eight cents.

Respectfully,
DANIEL O'REILLY, Water Purveyor.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER PURVEYOR,
NEW YORK, April 6, 1879.

DANIEL O'REILLY, Esq., Water Purveyor:

SIR—In obedience to your instructions, I respectfully submit the following report of the work done during the past three months within the jurisdiction of the Bureau of Water Purveyor, under the immediate care of the Engineer in Charge of Roads and Avenues.

Under the supervision of Mr. Fred. H. Hamblin, until March 19 the Engineer in Charge of Roads and Avenues, most of the work mentioned in this report was accomplished.

The appropriation for the maintenance, during 1879, of all the macadamized and gravel boulevards, streets, and avenues, is—

For labor, materials, etc.	\$31,000 00
For supervision (salaries)	4,000 00
Total	\$35,000 00
Amount expended to April 1, 1879	5,699 17
Unexpended balance	\$29,300 83

The expenses for the past three months are specified as follows :

Sprinkling.....	\$95 00
Cleaning roads and gutters.....	1,395 90
Cleaning basins.....	1,096 20
Removing snow.....	186 63
Repairing roads.....	119 50
Repairing monitors.....	787 50
Material.....	143 16
General expenses, including supervision, Foreman's time, Watchman, repairing tools, etc., maintaining trees, and other necessary expenses.....	1,875 28
Total.....	\$5,699 17

The labor was thus distributed with reference to the various boulevards :

Avenue St. Nicholas, One Hundred and Tenth to One Hundred and Twenty-fifth street.....	\$411 33
Avenue St. Nicholas, One Hundred and Twenty-fifth to One Hundred and Fifty-fifth street.....	162 22
Boulevard, south of Manhattan street.....	520 60
Boulevard, north of Manhattan street.....	75 60
Sixth avenue, One Hundred and Tenth street, north.....	166 52
Seventh avenue, One Hundred and Tenth street, north.....	206 11
Fifth avenue, One Hundred and Twenty-fourth to One Hundred and Thirtieth street..	50 40
Fifth avenue, Fifty-ninth to Sixty-fifth street.....	54 00
Other streets and avenues.....	2,185 02
Total.....	\$3,831 80

The macadamizing of Fifth avenue, Fifty-ninth to Seventy-second street, is so nearly completed as to warrant the belief that within a few days it will be open to the public ; 12,795 square yards of pavement have been laid since the commencement of the work ; 6,135 square yards during the past three months.

Also, within the past three months all the monitors have been repaired and painted, and are now in good condition considering the length of time they have been in use.

The present force consists of—

2 foremen, 3 skilled laborers, 19 laborers, 1 blacksmith, 1 carpenter, 1 watchman, 7 carts, 6 two-horse teams.

Respectfully submitted,

JOSEPH K. CHOATE, Assistant Engineer.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, ROOM 11, CITY HALL,
NEW YORK, April 7, 1879.

Hon. ALLAN CAMPBELL, Commissioner of Public Works :

SIR—In compliance with your instructions, I beg to hand you herewith a report of the transactions of the Bureau of Street Improvements for the quarter ending March 31, 1879.

Respectfully,

GEO. A. JEREMIAH,
Superintendent Street Improvements.

Statement of Works in Progress in the Bureau of Street Improvements on the 31st day of March, 1879.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, grading, curb, gutter, and flagging— Madison avenue, Ninety-ninth street to One Hundred and Fifth street.....	John Slattery.....	F. M. Leonard.....	P. H. Kedney.....	400 days...	\$47,205 13	\$8,437 50	\$2,531 25	\$5,906 25	
Twelfth avenue, One Hundred and Thirtieth street to One Hundred and Thirty-third street.....	Peter T. Masterson.....	E. E. McLean.....	W. L. Demarest.....	30 days...	3,212 70	.....	.....	.....
Forty-second street, Second avenue to East river ..	Thomas Connell.....	E. E. McLean.....	Suspended.....	270 days...	15,859 00	12,919 80	3,875 94	9,043 86	Work suspended until spring.
Sixty-sixth street, Eighth avenue to Boulevard.....	John Mulholland.....	F. M. Leonard.....	Suspended.....	300 days...	14,372 76	1,523 00	456 90	1,066 10	Work suspended until spring.
Ninety-third street, Second avenue to East river ..	Michael Maguire.....	W. M. Dean.....	D. E. Aikin.....	60 days...	4,100 00	.....	.....	.....
Ninety-ninth street, First avenue to Third avenue ..	John D. Crimmins.....	W. M. Dean.....	Suspended.....	100 days...	12,366 00	9,105 00	2,731 50	6,373 50	Work suspended until spring.
One Hundred and Second street, Fifth avenue to Harlem river.....	Joseph Walsh.....	W. V. Smith.....	Not yet appointed....	400 days...	42,421 00	.....	.....	.....
One Hundred and Third street, First avenue to Fifth avenue.....	John C. Dowling.....	W. V. Smith.....	C. Hess.....	600 days...	29,360 00	15,848 50	4,754 55	11,093 95	
One Hundred and Sixth street, Madison avenue to Fourth avenue.....	Edward Bradburn.....	W. M. Dean.....	James W. Hazlett.....	300 days...	4,206 20	.....	.....	.....
Flagging— Sixtieth street, Boulevard to Ninth avenue.....	James Reilly.....	E. E. McLean.....	Suspended.....	12 days...	1,100 00	.....	.....	.....	Work suspended until spring.
SPECIAL CONTRACTS.									
Regulating, grading, curb, gutter, and flagging— Ninth avenue, Sixty-third street to Boulevard.....	John D. Crimmins.....	W. V. Smith.....	Not yet appointed....	35 days...	661 60	.....	.....	.....
Flagging— North side Fifty-ninth street, Madison to Fifth avenue.....	Thomas J. Reilly.....	H. V. M. Dennis.....	Suspended.....	20 days...	305 10	.....	.....	.....	Work suspended until spring.
Fencing vacant lots— East side Sixth avenue, One Hundred and Twenty-fourth street to One Hundred and Twenty-fifth street.....	Michael Mahony.....	John E. Eustis.....	Not yet appointed....	20 days...	110 78	.....	.....	.....
Forty-fourth street, Tenth avenue to Eleventh avenue.....	Michael Mahony.....	J. W. Maclay.....	Not yet appointed....	20 days...	17 69	.....	.....	.....
East side Madison avenue, Eightieth and Eighty-first streets, and Eightieth street, Madison and Fourth avenues.....	Michael Mahony.....	H. V. M. Dennis.....	Not yet appointed....	20 days...	156 31	.....	.....	.....
Block, Sixty-ninth and Seventieth streets, Lexington and Fourth avenues.....	Michael Mahony.....	John E. Eustis.....	Not yet appointed....	20 days...	118 90	.....	.....	.....
Boulevards and avenues—Regulating, grading, etc.— Eleventh avenue, One Hundred and Fifty-fifth street to Kingsbridge road.....	Michael Noonan.....	Joseph K. Choate.....	John L. Florence.....	300 days...	65,523 20	4,732 60	1,419 78	3,312 82	
Total.....					\$241,096 37	\$52,566 40	\$15,769 92	\$36,796 48	

Works declared Abandoned and to be Relet.

Regulating, grading, curb, gutter, and flagging— Sixty-second street, Tenth avenue to Eleventh avenue.....	John Wyberd.....	T. J. Slator.....	Suspended.....	9 months.	\$7,967 91	\$3,034 84	\$910 45	\$2,124 39	
Seventieth street, Eighth avenue to Tenth avenue..	Devlin & McKim.....	M. Lovell.....	Suspended.....	400 days.	13,857 50	.....	.....	.....
Seventy-first street, Fifth avenue to East river.....	Herman Polye.....	G. B. Melendy.....	Suspended.....	4 months.	24,907 80	14,345 00	4,303 50	10,041 50	
Retaining walls, arch, etc.— Forty-second street, First avenue to Second avenue.	J. R. Byron.....	Engineer in Charge.....	Suspended.....	100 days...	29,214 50	14,735 00	4,420 51	10,314 49	
Total...					\$75,947 71	\$32,114 84	\$9,634 46	\$22,480 38	

Old Contracts Abandoned and Suspended.

Fourth avenue, Fifty-eighth street to Seventy-first street.....	P. Farley.....	R. Foley.....	Suspended.....	2 years..	\$48,185 82	\$42,232 65	\$12,659 76	\$29,562 89	
Eighty-first street, Second avenue to East river.....	M. J. Bannon.....	F. E. Towle.....	Suspended.....	200 days...	16,208 90	3,840 00	1,152 00	2,688 00	
Total...					\$64,394 72	\$46,072 65	\$13,821 76	\$32,250 89	

Statement showing the amount of Work done during the months of January, February, and March, 1879.

Earth excavation.....	Cubic yards.....	5,552
Rock.....	".....	6,300
Filling furnished.....	".....	43,000
Dry rubble retaining wall built.....	".....	660
Dry culvert built.....	Lineal feet.....	170
12-inch vitrified pipe laid.....	".....	6
Receiving-basins built.....	".....	2

Amount of Vouchers Drawn.

On account of Regulating, Grading, etc.....	\$11,917 85
" Boulevard and Avenues.....	6,206 18
" Street Improvements—For Street Signs, etc.....	5 00
" Salaries—Department of Public Works.....	49 60
Total.....	\$18,178 63

Laboring Force employed on Morningside Avenue, West.

One (1) Foreman ; one (1) Stone Mason ; four (4) Laborers.

GEO. A. JEREMIAH,
Superintendent of Street Improvements.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF SEWERS—ROOM No. 21, CITY HALL,
NEW YORK, April 5, 1879.

Hon. ALLAN CAMPBELL, Commissioner of Public Works :

SIR—In compliance with your instructions I beg leave to hand you herewith a report of the transactions of this Bureau for the quarter ending March 31, 1879.

Respectfully,

STEVENSON TOWLE,
Engineer in Charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE BUREAU OF SEWERS FOR THE QUARTER ENDING MARCH 31, 1879.

Credits to General Fund— Amounts received for 133 permits for sewer connections.....	\$2,361 60
Inspection fees from New York Elevated Railroad Companies.....	346 50
Total.....	\$2,708 10
Vitrified Stoneware Pipe— Amounts received for pipe sold to contractors and credited to Street Improvement Fund.....	\$239 40
Engineers' Fees— Amount of Engineers' and Surveyors' fees assessed on property benefited, charged in Assessment Lists and credited to Street Improvement Fund.....	\$14,012 00

Sewer Repair Stock—

Unexpended balance March 31, 1876.....	\$563 03
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Sewers—Repairing and Cleaning—1878 account—

Unexpended balance December 31, 1878.....		\$3,008 00
Vouchers transmitted to the Commissioner of Public Works—		
Odorless Excavating Company.....	\$800 00	
Special repairs to sewers, etc.....	620 62	
Sundries, materials, etc.....	1,189 57	
Balance on hand March 31, 1879.....	397 81	
	<hr/>	3,008 00

Sewers—Repairing and Cleaning—

Appropriation for the year 1879.....		\$46,200 00
Vouchers transmitted to the Commissioner of Public Works—		
Pay-rolls, Mechanics and Laborers.....	\$5,708 95	
Odorless Excavating Company.....	2,400 00	
Special repairs.....	297 16	
Sundries, materials, etc.....	75 00	
Balance on hand March 31, 1879.....	37,718 89	
		<u>46,200 00</u>

Salaries—Sewers, Repairing and Cleaning—

Appropriation for the year 1879.		\$8,800 00
Vouchers transmitted to the Commissioner of Public Works—		
Pay-rolls of Inspectors, etc.	\$1,656 50	
Balance on hand March 31, 1879.	7,143 50	
	<u> </u>	8,800 00

Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works.....		\$67,876 64
Pay-rolls, Engineers, etc.....	\$10,076 58	
Pay-rolls, Inspectors on Sewers.....	1,668 00	
On contracts for sewers, etc.....	55,658 38	
Sundries.....	473 68	
	<hr/>	67,876 64

Work done by Mechanics and Laborers—William Webb, Foreman—

- 1,054 receiving-basins and culverts cleaned.
4,975 lineal feet of sewer cleaned.
101 lineal feet of sewer rebuilt.
5 lineal feet of culvert rebuilt.
33 lineal feet of spur-pipe laid.
11 receiving-basin rebuilt.
8 receiving-basins repaired.
2 new basin-heads and gutter-stones put on.
1 basin-head and gutter-stone reset.
11 new basin-covers put on.
1 manhole rebuilt.
32 manholes repaired.
33 new manhole frames and covers put on.
4 manhole frames and covers reset.
26 new manhole covers put on.
413 cubic yards of earth excavated.
437 cubic yards of earth filled in.
126 square yards of pavement relaid.
2,192 cart loads of dirt removed.

Work done by contract—

- 383 lineal feet of sewer built.
151 lineal feet of culvert built.
14 lineal feet of old culvert rebuilt.
2 receiving-basins built, and
281 piles driven.

Making the present total length of sewerage in the city 1,949,856 lineal feet (369 30-100 miles), with 4,401 receiving-basins.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS, ROOM 19, CITY HALL,
NEW YORK, April 30, 1879.

ALLAN CAMPBELL, Esq., *Commissioner of Public Works :*

SIR—In compliance with your instructions, I have the honor to submit herewith my report of the transactions of the Bureau of Streets for the quarter ending March 31, 1879.

The principal roads and unpaved streets in the upper part of the Island have been maintained in a fair condition for travel where it has been necessary, and culverts have been kept open and cleaned during the winter months, in order to permit the snow and ice that has melted to pass through them.

The principal work which has been done was on the McComb's Dam road, at One Hundred and Forty-ninth street, which was the blasting of the rocks on the east side of the road, in order to widen the same and make it more safe than it has been, as the road at this point was so narrow that it was very dangerous for persons driving to pass in opposite directions.

Repairs have also been made on the following avenues : Madison, Lexington, and Fifth avenues, and also on Kingsbridge road, and on some of the side streets, but much work, which was desirable and should be done, had to be left over, owing to the weather.

The following is a statement of the condition of the Appropriation for Roads, Avenues, and Sprinkling, and the expenditures of the Bureau for the quarter ending March 31, 1879:

Amount appropriated for 1879.....		\$18,000 00
Amount expended for quarter ending March 31, 1879:		
Pay-roll of laborers, etc., for the month of January.....	\$157 95	
“ “ “ “ February.....	326 60	
C. A. Jones & Co., supplies.....	26 47	
	<u>511 02</u>	
Balance unexpended April 1, 1879.....		\$17,488 98

Respectfully,
JAMES J. MOONEY, Superintendent of Streets.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, April 4, 1879.

Hon. ALLAN CAMPBELL, Commissioner of Public Works :

SIR—In compliance with your instructions, I herein submit a report of the transactions of the Bureau of Lamps and Gas for the three months ending March 31, 1879.

In Exhibit "A" will be found a statement showing the amounts expended for gas to the various public markets, offices, armories, etc., and for fitting up, maintenance, and lighting the public lamps during the quarter. Exhibit "B" is a summary of the appropriation for "Lamps and Gas," showing an expenditure during the quarter of eighty-two thousand and thirty dollars and eighty-five cents (\$82,030.85), with liabilities for lighting the public lamps, etc., for the month of March, amounting to thirty-seven thousand nine hundred and thirty-seven dollars and eighty-one cents (\$37,937.81), which makes a total expenditure for the quarter of one hundred and thirteen thousand nine hundred and sixty-eight dollars and sixty-six cents (\$113,968.66). Exhibit "C" is a summary of the appropriation for "Salaries, Lamps and Gas," showing an expenditure during the quarter of one thousand three hundred and four dollars (\$1,304.00). In Exhibit "D" will be found a summary of the "Lamp Account," giving the number of new lamps lighted, old lamps relighted, and lamps discontinued by each gas company during the quarter, showing a total of ninety-four new lamps lighted, twenty-four old lamps relighted, and fifty-seven lamps discontinued during the quarter, and the total number of lamps burning under the supervision of this Bureau on March 31, 1879, to be twenty-one thousand six hundred. Exhibit "E" is a statement of the illuminating power of the gas supplied by the several gas-light companies during the quarter.

The following table will show the amount of impurities found in the gas of the several companies by the analysis made by Mr. E. G. Love, the Gas Examiner, at the Laboratory of this Department :

OF WHAT COMPANY.	SULPHURETTED HYDROGEN.	SULPHUR. (Grs. in 100 cu. ft.)	AMMONIA. (Grs. in 100 cu. ft.)
New York Gas-light Co.....	None.	33.21	1.73
Manhattan Gas-light Co.....	"	27.29	5.80
New York Mutual Gas-light Co.....	"	10.18	0.57
Metropolitan Gas-light Co.....	"	16.83	3.74
Harlem Gas-light Co.....	"	49.40	1.73

The tests for the above were made with the "Referee's" apparatus, the amount of gas burned for each test was ten cubic feet, the volume being corrected to the standard barometric pressure of thirty inches of mercury, and the temperature of sixty degrees Fahr.

The following is the specific gravity of the gases:

New York Gas-light Company, specific gravity .....	.450 to .470
Manhattan Gas-light Company, " .....	.452 to .480
New York Mutual Gas-light Company, specific gravity .....	.701 to .785
Metropolitan Gas-light Company, " .....	.505 to .553
Harlem Gas-light Company, " .....	.436 to .465

The following will show the average maximum and minimum pressure on the mains of the several gas companies during the quarter, as recorded on the pressure registers in the photometrical rooms; this average being made for the time during which the public lamps are required to be lighted, and hence does not include the day pressure :

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
	Inches.	Inches.		Miles.
New York Gas-light Co.....	1.53	1.13	Grand and Centre streets.....	2 $\frac{3}{100}$
Manhattan Gas-light Co.....	2.31	1.16	" "	1 $\frac{3}{100}$
New York Mutual Gas-light Co...	1.76	1.48	" "	1 $\frac{7}{100}$
Metropolitan Gas-light Co.....	1.71	.77	{ Seventy-ninth street, between Second and Third avenues. }	3 $\frac{3}{100}$
Harlem Gas-light Co.....	2.93	1.79	{ Seventy-ninth street, between Second and Third avenues. }	1 $\frac{7}{100}$

Respectfully submitted,
S. McCORMICK, Superintendent of Lamps and Gas.

EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Armories, Offices, etc., and for Fitting-up, Repairing, and Lighting the Public Lamps, etc., for the Quarter ending March 31, 1879.

Washington Market	\$600 97	
Catharine Country Market.....	38 95	
Catharine Meat Market	25 08	
Fulton Meat Market.....	172 71	
Fulton Country Market	370 50	
Essex Market.....	120 84	
Centre Market.....	294 50	
Clinton Market	278 54	
Union Market	93 29	
Tompkins Market.....	178 41	
Jefferson Market.....	111 72	
		\$2,285 51
First District Police Court.....	\$239 40	
Second District Police Court.....	66 50	
Third District Police Court	71 25	
Fourth District Police Court	81 01	
Fifth District Police Court.....	25 00	
Court of Special Sessions.....	2 85	
Second District Civil Court.....	21 09	
Fourth District Civil Court	1 71	
Fifth District Civil Court	8 17	
Sixth District Civil Court.....	19	
Eighth District Civil Court	3 61	
Ninth District Civil Court.....	3 60	
Marine Court.....	8 17	
Court Room, Brown Stone Building.....	32 11	
New Court-house.....	987 62	
City Hall	672 79	
Receiver of Taxes' Office.....	268 47	
Arrears of Personal Taxes Office.....	5 32	
Corporation Attorney's Office.....	47 50	
Pipe Yard, Rivington street.....	4 56	
Department of Buildings.....	7 60	
County Jail.....	523 07	
South Gate-house.....	19 60	
Engineer of Boulevards' Office.....	60	
Engine-house, Highbridge.....	142 20	
Photometrical Room, Grand street	28 67	
Photometrical Room, Seventy-ninth street.....	22 17	
		3,294 83
Armory, Fifth Regiment.....	\$94 62	
Armory, Seventh Regiment.....	277 59	
Armory, Eighth Regiment.....	58 05	
Armory, Ninth Regiment.....	595 46	
Armory, Eleventh Regiment.....	93 10	
Armory, Twelfth Regiment.....	182 97	
Armory, Twenty-second Regiment	278 16	
Armory, Sixty-ninth Regiment.....	99 37	
Armory, Seventy-first Regiment.....	171 00	
Armory, Third Regiment, Cavalry.....	61 94	
Armory, Separate Troop "A," Cavalry.....	42 75	
Armory, Separate Troop "B," Cavalry.....	44 65	
Armory, Battery "B," Artillery.....	4 94	
Armory, Battery "K," Artillery.....	6 84	
		2,011 44
Lighting Public Markets (pay-rolls).....	\$285 00	
Cleaning Photometrical Room (pay-rolls).....	15 00	
New lamp-posts, Twenty-third Ward	369 50	
New street-lamps.....	450 00	
New street-lamps, Twenty-third and Twenty-fourth Wards.....	300 00	
New Boulevard lamps.....	942 50	
New Cross-heads, Twenty-third and Twenty-fourth Wards.....	93 00	
New lamp-irons, Twenty-third and Twenty-fourth Wards.....	74 00	
Glass, Twenty-third and Twenty-fourth Wards.....	111 00	
Glass street-signs.....	35 00	
Glass street-signs, Twenty-third and Twenty-fourth Wards.....	140 00	
Supplies for Photometrical Rooms.....	3 50	
Tracing paper.....	4 40	
Traveling expenses.....	77 50	
Photometrical Room, Grand street, rent.....	87 50	
Photometrical Room, Seventy-ninth street, rent	75 00	
Fitting up new lamps.....	414 00	
Fitting up new lamps, Twenty-third and Twenty-fourth Wards.....	270 00	
Resetting and repairing lamp-posts.....	314 50	

Lighting public lamps.....	\$49,517 94
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	20,859 73
Total.....	\$70,377 67
	\$82,030 85

RECAPITULATION.

Gas to public buildings.....	\$7,591 78
Supplies for public lamps.....	\$1,975 40
Supplies for public lamps, Twenty-third and Twenty-fourth Wards.....	1,087 50
Resetting and repairing lamp-posts.....	3,062 90
Fitting up new lamps.....	314 50
Fitting up new lamps, Twenty-third and Twenty-fourth Wards.....	\$414 00
	270 00
Lighting public lamps.....	\$49,517 94
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	20,859 73
Total.....	\$70,377
	\$82,030 85

EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas for 1879," showing the Balance against which no Vouchers have been drawn, with the Amount of Liabilities against the Appropriation, for the Quarter ending March 31, 1879.

Amount appropriated for "Lamps and Gas for 1879".....	\$524,000 00
Amount of vouchers drawn during the month of January.....	\$567 50
Amount of vouchers drawn during the month of February.....	39,737 11
Amount of vouchers drawn during the month of March.....	41,726 24
	\$82,030 85
Balance against which no vouchers have been drawn.....	\$441,969 15

LIABILITIES.

New York Gas-light Co., lighting public lamps, month of March.....	\$3,394 91
Manhattan Gas-light Co., lighting public lamps, month of March.....	6,680 50
Metropolitan Gas-light Co., lighting public lamps, month of March.....	6,541 08
N. Y. Mutual Gas-light Co., lighting public lamps, month of March.....	814 45
Harlem Gas-light Co., lighting public lamps, month of March.....	6,863 88
N. Y. & N. J. Globe Gas-light Co., lighting public lamps, month of March.....	848 66
Central Gas-light Co., lighting public lamps, month of March.....	6,148 5
Northern Gas-light Co., lighting public lamps, month of March.....	4,075 85
Yonkers Gas-light Co., lighting public lamps, month of March.....	198 00
Hotchkiss, Field & Co., 250 lamp-irons.....	185 00
Hotchkiss, Field & Co., 50 lamp-posts.....	369 50
Hotchkiss, Field & Co., 200 cross-heads.....	186 00
E. P. Gleason Manufacturing Co., 200 street-lamps.....	600 00
E. P. Gleason Manufacturing Co., lamp-posts and lamps for Mayor's residence.....	180 00
M. Dripps, map of Harlem district.....	210 00
E. G. Hilton, 25 lamp-posts for piers.....	184 75
Alexander Brandon, 150 street-lamps.....	450 00
Eimer & Amend, Beakers and rubber tubing.....	6 72
	\$37,937 81
Balance available March 31.....	\$404,031 34

EXHIBIT "C."

Summary of the Appropriation for "Salaries—Lamps and Gas, for 1879," showing the Balance against which no Vouchers have been drawn, for the Quarter ending March 31, 1879.

Amount appropriated for "Salaries—Lamps and Gas," for 1879.....	\$6,000 00
Amount of vouchers drawn during the month of January.....	\$504 00
Amount of vouchers drawn during the month of February.....	400 00
Amount of vouchers drawn during the month of March.....	400 00
	\$1,304 00
Balance available March 31.....	\$4,696 00

EXHIBIT "D."

Summary of the "Lamp Account," showing the number of New Lamps Lighted, Old Lamps Relighted, and number Discontinued by each Gas Company, during the Quarter ending March 31, 1879.

NEW YORK GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	3,219
Number of new lamps lighted during the quarter.....	17
Number of old lamps relighted during the quarter.....	4
Less lamps discontinued during the quarter.....	3,240
	9

Number of lamps burning March 31, 1879..... 3,231

MANHATTAN GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	6,655
Number of new lamps lighted during the quarter.....	4
Number of old lamps relighted during the quarter.....	2
Less lamps discontinued during the quarter.....	6,661
	5

Number of lamps burning March 31, 1879..... 6,656

METROPOLITAN GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	3,955
Number of new lamps lighted during the quarter.....	22
Number of old lamps relighted during the quarter.....	11
Less lamps discontinued during the quarter.....	3,988
	8

Number of lamps burning March 31, 1879..... 3,980

NEW YORK MUTUAL GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	587
Number of new lamps lighted during the quarter.....	..
Number of old lamps relighted during the quarter.....	..
Less lamps discontinued during the quarter.....	587
	..

Number of lamps burning March 31, 1879..... 587

HARLEM GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	3,860
Number of new lamps lighted during the quarter.....	24
Number of old lamps relighted during the quarter.....	7
Less lamps discontinued during the quarter.....	3,891
	31

Number of lamps burning March 31, 1879..... 3,860

NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	510
Number of new lamps lighted during the quarter.....	..
Number of old lamps relighted during the quarter.....	..
Less lamps discontinued during the quarter.....	510
	..

Number of lamps burning March 31, 1879..... 510

CENTRAL GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	1,681
Number of new lamps lighted during the quarter.....	27
Number of old lamps relighted during the quarter.....	..
Less lamps discontinued during the quarter.....	1,708
	4

Number of lamps burning March 31, 1879..... 1,704

NORTHERN GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	1,000
Number of new lamps lighted during the quarter.....	..
Number of old lamps relighted during the quarter.....	..
Less lamps discontinued during the quarter.....	1,000
	..

Number of lamps burning March 31, 1879..... 1,000

YONKERS GAS-LIGHT COMPANY.

Number of lamps burning December 31, 1878.....	72
Number of new lamps lighted during the quarter.....	..
Number of old lamps relighted during the quarter.....	..
Less lamps discontinued during the quarter.....	72
	..

Number of Lamps burning March 31, 1879..... 72

Total number of lamps burning March 31, 1879..... 21,600

RECAPITULATION.

Number of lamps burning December 31, 1878.....	21,539
Number of new lamps lighted during the quarter.....	94
Number of old lamps relighted during the quarter.....	24
Less lamps discontinued during the quarter.....	118
	21,657
	57

Total number of lamps burning March 31, 1879..... 21,600

EXHIBIT "E."

Statement giving the Illuminating Power of the Gas supplied by the several Gas-light Companies during the quarter ending March 31, 1879, as shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	NEW YORK GAS CO.			MANHATTAN GAS CO.			NEW YORK MUTUAL GAS CO.			METROPOLITAN GAS CO.			HARLEM GAS CO.		
	ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
During the Week Ending.															
January 4	15.05	16.20	15.59	15.28	15.53	15.39	17.41	18.55	17.92	16.40	17.01	16.70	16.06	16.66	16.36
" 11	16.93	17.33	17.15	15.96	17.11	16.58	17.96	18.89	18.34	16.42	16.82	16.55	15.28	16.87	16.14
" 18	16.01	17.15	16.79	14.96	16.89	16.00	18.78	19.19	18.98	16.26	16.78	16.47	16.40	17.07	16.56
" 25	16.36	17.49	16.87	12.05	17.04	14.63	17.90	18.78	18.35	16.76	17.68	17.11	16.44	16.83	16.60
February 1	15.08	16.74	16.42	16.35	17.88	17.28	18.09	19.29	18.62	16.01	17.10	16.62	15.45	16.62	16.24
" 8	16.19	16.78	16.50	16.72	17.97	17.47	18.72	20.28	19.65	16.29	17.71	16.81	15.39	16.40	15.91
" 15	15.02	16.49	15.72	17.05	17.54	17.25	18.17	19.80	18.97	15.24	16.64	16.33	15.89	16.27	16.09
" 22	16.20	16.70	16.40	17.13	17.87	17.47	17.76	20.22	19.09	16.10	16.42	16.25	16.02	16.18	16.10
March 1	13.50	16.90	15.71	16.88	18.02	17.38	18.05	18.63	18.39	16.54	17.34	16.85	16.44	17.15	16.67
" 8	15.84	16.76	16.15	16.46	17.80	17.12	18.23	19.06	18.80	16.32	17.09	16.68	16.04	16.42	16.23
" 15	15.12	16.54	15.51	16.64	17.42	17.01	16.89	18.53	17.76	16.38	16.73	16.58	16.43	16.62	16.53
" 22	16.23	16.67	16.35	15.88	17.04	16.43	18.32	19.12	18.77	16.82	17.54	17.10	16.34	16.62	16.50
" 29	16.51	16.92	16.76	16.70	17.26	17.00	18.65	19.34	19.07	16.60	17.17	16.78	16.40	16.80	16.59
Dist'ce from Gas Works	2 4-100 Miles.			1 83-100 Miles.			1 79-100 Miles.			3 33-100 Miles.			1 75-100 Miles.		

CITY OF NEW YORK, DEPARTMENT OF PUBLIC WORKS,
BUREAU OF REPAIRS AND SUPPLIES,
SUPERINTENDENT'S OFFICE, ROOM 18, CITY HALL,
NEW YORK, April 15, 1879.

ALLAN CAMPBELL, Esq., Commissioner of Public Works:

SIR—In compliance with your instructions I herewith submit the report of the transactions of this Bureau for the three months ending March 31, 1879.

The exhibits marked "A," "B," and "C," hereto annexed, show the number and amount of certified vouchers drawn during the three months, also the condition of the appropriations upon which they have been drawn, and where the money has been applied.

The work of the Bureau has been of the usual varied character; a few of the principal operations were as follows:

The work of cleaning the marble fronts of the City Hall, that has been progressing for some time, was completed during the quarter with the cleaning of the east front. When the plaza in front and the chipped brown stone front and ashlar and worn tiling in corridors have been restored, this building will be still more worthy of its rank among the finest buildings in the city.

In order to give more security to the safes of the Department of Finance in New County Court-house they have been connected with the police station in City Hall by a burglar alarm, so that any attempt to tamper with them is instantly known to the police.

The roofs of City Hall, Hall of Records, and brown stone building, No. 32 Chambers street, have been repaired, and the roof of second story of Hall of Records has been painted. New roofs have been put on parts of Catherine and Centre Markets. The floor of Washington Market has been repaired in very many places. An air shaft has been built in the brown stone building, No. 32 Chambers street, to ventilate the court-room of General Sessions, which very much needed ventilation on account of the large number of people daily attending there.

About 500 feet of steam pipes in cellar of New County Court-house were covered with felt to prevent condensation and consequent waste of fuel. The boiler and furnace in Ninth Regiment armory, West Twenty-sixth street, were put in good order and a new set of grate bars supplied. The armory of Battery B, in the old City Arsenal in Elm street, was fitted up with lockers, harness pegs, etc. A quantity of wire railing was erected in the Register's office for protection of the records. An extension was made to draughting room on third floor of City Hall and the room fitted up. An auction stand was built in New County Court-house, and four stout wire guards were inserted in openings on upper floor of same building.

The plumbing in County Jail received a good repairing. The Jefferson Market building is old, dilapidated, and has been reported unsafe. It has been shored up and made secure, but it is to be hoped the Legislature will soon provide for tearing it down and rebuilding it.

An iron bridge is being built in the City Prison, between the court room of Special Sessions and the prison proper.

The site of the Dog Pound having been required for a hospital by the Health Department the building was torn down and the material stored in the yard of the Department of Docks adjoining. A new site on which to rebuild the Dog Pound should be obtained as soon as possible.

A carpet was furnished the Supreme Court, the Court of Common Pleas, the Marine Court, the First District Police Court and the Ninth and Fifth District Civil Courts.

The price of coal having declined materially our expense for fuel has been less than usual.

The public baths are still at their place of storage. A contract for the new bath to be located at the Battery will be made in a few days.

The addition to New County Court-house has been partly occupied by the Collector of Assessments and as Judges' room of Court of Common Pleas, that were using space in main building intended for corridors. It is proposed to move the Surrogate's offices into this addition also. Considerable fitting up will be required in this new addition in the way of window shades, new awnings, etc., in order to make the room tenable.

Respectfully,

THOMAS KEECH,

Superintendent of Repairs and Supplies.

EXHIBIT "A,"

Showing the Number and Amount of Vouchers drawn on account of the Appropriations therein named, from January 1, 1879, to March 31, 1879, inclusive.

TITLE OF APPROPRIATION.	NUMBER OF VOUCHERS.	AMOUNT.
Supplies for and Cleaning Public Offices, 1878.....	13	\$1,208 13
Supplies for and Cleaning Public Offices, 1879.....	80	18,451 05
Salaries, Supplies for and Cleaning Public Offices, 1879.....	3	4,283 40
Public Buildings—Construction and Repairs, 1878.....	10	308 09
Public Buildings—Construction and Repairs, 1879.....	36	3,203 40
Salaries—Public Buildings—Construction and Repairs, 1879.....	3	463 50
Free Floating Baths, 1878.....	2	150 00
Free Floating Baths, 1879.....	3	8 46
Salaries—Free Floating Baths, 1879.....	3	675 00
Free Floating Baths—For Bath at Battery.....	2	170 30
Additional Free Floating Baths.....	1	308 00
Totals.....	156	\$29,235 33

EXHIBIT "B,"

Showing the Amount of Expenditures for which Certified Vouchers have been drawn on account of the several Appropriations named therein, and also showing the Buildings, Courts, Departments, etc., to which the same has been charged, from January 1, 1879, to March 31, 1879, inclusive.

NAMES OF BUILDINGS, COURTS, DEPARTMENTS, ETC.	Supplies for and Cleaning Public Offices, 1878.	Supplies for and Cleaning Public Offices, 1879.	Salaries—Supplies for and Cleaning Public Offices.	Public Buildings—Construction and Repairs, 1878.	Public Buildings—Construction and Repairs, 1879.	Salaries—Public Buildings—Construction and Repairs.	Free Floating Baths, 1878.	Free Floating Baths, 1879.	Salaries—Free Floating Baths.	Free Floating Baths—For Bath at Battery.	Additional Free Floating Baths.	TOTALS.
First District Police Court.....	\$4 57	\$198 61	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$203 18
Second ".....	.....	143 48	.....	.....	.....	.....	.....	.....	.....	.....	.....	143 48
Third ".....	4 57	100 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	104 57
Fourth ".....	1 50	5 10	.....	.....	.....	.....	.....	.....	.....	.....	.....	6 60
Fifth ".....	1 20	113 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	114 70
First District Civil Court.....	.....	98 00	.....	\$1 67	.....	.....	.....	.....	.....	.....	.....	99 67
Second ".....	4 57	78 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	83 07
Third ".....	.....	714 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	114 00
Fourth ".....	22 57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22 57
Fifth ".....	8 54	101 11	.....	.....	.....	.....	.....	.....	.....	.....	.....	114 65
Sixth ".....	4 57	31 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	36 32
Seventh ".....	.....	60 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	60 00
Eighth ".....	4 57	210 16	.....	.....	\$22 93	.....	.....	.....	.....	.....	.....	237 66
Ninth ".....	5 38	75 56	.....	.....	.....	.....	.....	.....	.....	.....	.....	80 94
Court of General Sessions.....	.....	103 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	103 50
Court of Special Sessions.....	4 06	88 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	92 06
Supreme Court.....	.....	105 31	.....	.....	.....	.....	.....	.....	.....	.....	.....	105 31
Superior Court.....	.....	142 35	.....	.....	.....	.....	.....	.....	.....	.....	.....	142 35
Marine Court.....	.....	12 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	12 00
Court of Common Pleas.....	.....	512 06	.....	.....	.....	.....	.....	.....	.....	.....	.....	512 06
Washington Market.....	.....	.....	.....	.....	217 60	.....	.....	.....	.....	.....	.....	217 60
Catharine ".....	.....	.....	.....	.....	51 59	.....	.....	.....	.....	.....	.....	51 59
Essex ".....	.....	.....	.....	.....	14 66	.....	.....	.....	.....	.....	.....	14 66
Centre ".....	.....	.....	.....	.....	236 18	.....	.....	.....	.....	.....	.....	236 18
Executive Department.....	10 00	255 60	.....	.....	.....	.....	.....	.....	.....	.....	.....	265 60
Department of Public Works.....	.....	308 73	.....	.....	.....	.....	.....	.....	.....	.....	.....	308 73
Bureau of Repairs and Supplies.....	353 65	864 21	.....	91 42	243 96	.....	.....	.....	.....	.....	.....	1,553 24
Bureau of Repairs and Supplies, Pay-rolls.....	.....	9,530 71	\$4,283 40	.....	.....	\$463 50	.....	.....	.....	.....	.....	14,277 61
Department of Buildings.....	.....	47 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	47 75
Department of Finance.....	3 00	198 32	.....	.....	.....	.....	.....	.....	.....	.....	.....	201 22
Department of Taxes and Assessments.....	4 80	83 10	.....	.....	6 55	.....	.....	.....	.....	.....	.....	94 45
Legislative Department.....	.....	254 33	.....	.....	.....	.....	.....	.....	.....	.....	.....	254 33
Law Department.....	.....	57 32	.....	.....	17 28	.....	.....	.....	.....	.....	.....	74 60
Commissioners of Accounts.....	.....	208 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	208 25
Free Floating Baths.....	.....	.....	.....	.....	.....	.....	\$156 00	\$8 46	\$675 00	\$170 30	\$308 00	1,317 76
District Attorney.....	.....	39 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	39 50
Register's Office.....	.....	.....	.....	.....	118 00	.....	.....	.....	.....	.....	.....	118 00
Surrogate's Office.....	.....	51 70	.....	.....	.....	.....	.....	.....	.....	.....	.....	51 70
County Jail.....	5 00	279 75	.....	.....	15 00	.....	.....	.....	.....	.....	.....	299 75
City Arsenal.....	.....	.....	.....	.....	131 53	.....	.....	.....	.....	.....	.....	131 53
City Prison.....	.....	.....	.....	3 33	119 17	.....	.....	.....	.....	.....	.....	122 50
City Hall.....	93 55	407 00	.....	16 89	947 81	.....	.....	.....	.....	.....	.....	1,465 25
New Court-house.....	260 68	1,708 75	.....	76 72	636 08	.....	.....	.....	.....	.....	.....	2,682 23
Brown Stone Building.....	.....	358 75	.....	11 39	293 46	.....	.....	.....	.....	.....	.....	663 60
Third District Court-house.....	9 15	211 25	.....	24 29	6 00	.....	.....	.....	.....	.....	.....	250 69
Fifth District Court-house.....	.....	.....	.....	44 82	14 71	.....	.....	.....	.....	.....	.....	59 53
Seventh District Court-house.....	9 15	291 25	.....	27 50	26 17	.....	.....	.....	.....	.....	.....	354 07
Tenth District Court-house.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 40
49 Beekman street.....	6 86	47 35	.....	.....	3 85	.....	.....	.....	.....	.....	.....	58 06
27 Chambers street.....	.....	75 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	75 75
Dispensary Building.....	139 29	.....	.....	.....	56 51	.....	.....	.....	.....	.....	.....	195 80
Corporation Yard, Rivington street.....	.....	.....	.....	.....	24 36	.....	.....	.....	.....	.....	.....	24 36
Dog Pound.....	.....	5 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 00
91 Chatham street.....	.....	.....	.....	10 06	.....	.....	.....	.....	.....	.....	.....	10 06
Troop "A".....	.....	49 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	49 50
Troop "B".....	.....	52 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	52 50
Battery "B".....	.....	31 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	31 00
Battery "K".....	.....	49 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	49 00
Fifth Regiment.....	10 00	32 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	42 50
Seventh ".....	90 00	102 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	192 75
Eighth ".....	.....	35 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	35 00
Ninth ".....	104 50	14 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	118 75
Eleventh ".....	.....	58 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	58 00
Twelfth ".....	.....	157 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	157 00
Twenty-second Regiment.....	.....	145 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	145 29
Seventy-first ".....	40 00	86 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	126 00
Third Regiment, Cavalry.....	.....	60 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	60 00
Totals.....	\$1,208 13	\$18,451 05	\$4,283 40	\$308 09	\$3,203 40	\$463 50	\$156 00	\$8 46	\$675 00	\$170 30	\$308 00	\$29,235 33

EXHIBIT "C,"

Showing the condition of the Appropriations of 1878 and 1879, and Special Fund upon which Vouchers have been drawn, from January 1, 1879 to March 31, 1879, inclusive.

Supplies for and Cleaning Public Offices, 1878—

Balance December 31, 1878.....	\$1,251 09
Vouchers drawn.....	\$1,208 13
Estimated liabilities.....	.....
Balance available.....	1,208 13
Balance available.....	\$42 96

Supplies for and Cleaning Public Offices, 1879—

Amount appropriated.....	\$60,234 00
Vouchers drawn.....	\$18,451 05
Estimated liabilities.....	2,635 29
Balance available.....	21,086 34
Balance available.....	\$39,147 66

Salaries—Supplies for and Cleaning Public Offices—

Amount appropriated.....	\$15,366 00
Vouchers drawn.....	4,283 40
Balance.....	\$11,082 60

Public Buildings—Construction and Repairs, 1878—

Balance December 31, 1878.....	\$381 57
Vouchers drawn.....	\$308 09
Estimated liabilities.....	.....
Balance available.....	308 09
Balance available.....	\$73 48

Public Buildings—Construction and Repairs, 1879—

Amount appropriated.....	\$33,000 00
Vouchers drawn.....	\$3,203 40
Estimated liabilities.....	2,171 12
Balance available.....	5,374 52
Balance available.....	\$27,625 48

Salaries—Public Buildings—Construction and Repairs—

Amount appropriated.....	\$2,000 00
Vouchers drawn.....	463 50
Balance.....	\$1,536 50

Communication from Edward Stewart, Satataga County, recommending the appointment of Tunis Kipp as Patrolman, was ordered on file.

Resolved, That Alexander Powell be and is hereby appointed Messenger and assigned to Commissioner French for duty, with compensation at the rate of \$600 per annum.

On reading communication from the Superintendent, it was

Resolved, That a sufficient number of Directories be ordered to cover the requisition of the Superintendent, and for the use of the Department.

An application of John H. Peacock, for re-appointment as Patrolman, was ordered on file.

Resolved, That Frank Mangin, Messenger, be and is hereby removed—all voting aye.

Resolved, That it be referred to the Committee on Repairs and Supplies to prepare the necessary papers in relation to a new Station-house for the Eleventh Precinct.

Resolved, That the services of William McGiven and Francis J. Haggerty, Messengers, be dispensed with from and after June 1, next—all voting aye.

Resolved, That, in pursuance of the opinion of the Counsel to the Corporation, requisition be and is hereby made upon the Comptroller for the sum of \$50,252.50 for the month of February, 1879, being the amount deducted from one-twelfth part of the appropriation for Police salaries for the same month, in accordance with a letter from the Comptroller, dated February 28, 1879.

Resolved, That, in pursuance of the opinion of the Counsel to the Corporation, requisition be and is hereby made upon the Comptroller for the sum of \$50,252.50 for the month of March, 1879, being the amount deducted from one-twelfth part of the appropriation for Police salaries for the same month, in accordance with a letter from the Comptroller, dated February 28, 1879.

Resolved, That, in pursuance of the opinion of the Counsel to the Corporation, requisition be and is hereby made upon the Comptroller for the sum of \$50,252.50 for the month of April, 1879, being the amount deducted from one-twelfth part of the appropriation for Police salaries for the same month, in accordance with a letter from the Comptroller, dated February 28, 1879.

Report of the Board of Surgeons on condition of Patrolman Adolph L. Miller, Fourth Precinct, was ordered on file.

Application of Robert H. Strahan and others for appointment of John Maher as Patrolman, was ordered on file.

Proposed transfer of Patrolman John H. McCarthy and Patrolman John Hanrahan, Twentieth Precinct, was ordered on file.

Report of Sergeant Revell, Mounted Squad, relative to unserviceable horse, was referred to the Committee on Repairs and Supplies, with power.

Application of Captain Ryan, Sixteenth Precinct, for transfer of certain officers, was ordered on file.

Report of Captain Walsh, Twenty-sixth Precinct, on condition of Sergeant Henry J. Miner, was ordered on file.

Communication from the Commissioner of Public Works, asking reports from members of the force of all cases where Croton water is used with hose for the purpose of washing in front of houses, without permit, was referred to the Superintendent to comply with the request.

Communication from the Property Clerk, relative to money taken from Isaac Wolf, and execution against the same in favor of M. L. Goldman, was referred to the Corporation Counsel.

Communication from the Property Clerk, relative to property taken from Moi Junkey and claimed by Nancy C. Parker, was referred to the Corporation Counsel.

Resolved, That rooms 17 and 18 be assigned to the use of Commissioner French.

Commissioner McLean offered the following :

Resolved, That E. H. Lawrence be removed from his office as Clerk.

The Board here took a recess.

After recess. All present.

Resolved, That the opinion of the Court of Appeals in the cases of the People ex. rel. George W. Dilks, Edward Walsh and James Carroll be entered in the minutes and placed on file.

I herewith report the operations of this Bureau for the quarter ending March 31, 1879 (months of January, February, and March).	
Number of complaints received against obstructions and incumbrances on streets and sidewalks, in each of which an official notice was served on the offending party for the removal or discontinuance of the same.	350
Number of removals to the Corporation Yard or other suitable place of merchandise, trucks, wagons, stands, stones, dirt, etc.	32
Expense of such removals (including 276 loads of stones, rubbish, etc., from various parts of the city)	\$254 60
Total expenses for the quarter	769 60
Received from owners of articles seized for their redemption	35 00
—which amount was paid over to the City Chamberlain.	
Number of Builders' permits issued	944
“ permits to cut down trees	11
“ special permits	78
“ notices to repair sidewalks	25
“ notices to repair vault covers	1

SIR—I herewith transmit statement of moneys received for water rents, penalties, and taps for the quarter ending March 31, 1879 :

Respectfully submitted,
J. H. CHAMBERS, Register.

The Board of Police met on the 29th day of May, 1879.
Present—Messrs. Smith, Wheeler, MacLean, and French, Commissioners.
Edwin H. Lawrence and George B. Van Brunt appeared before the Board in pursuance of a resolution of 23d inst. (which was read to them), and they both pleaded not guilty to the charge and specifications.

Patrolman James J. Conner, Fourteenth Precinct, four days, without pay.

American District Telegraph Messengers, May 28. Parade.

American District Telegraph Messengers, May 30. Parade.
St. Michael and St. Alphonsus Societies, June 2. Parade.

Harmony Singing Societies, June 2. Parade.

Society of St. Mary's Church, June 2. Parade.
Bloomingdale Freundschaft, June 2. Parade.

Bohemian National Societies, June 10. Parade.
St. Vincent Ferrer's Sunday school, May 20. Parade.

St. Vincent Ferrer's Sunday-school, May 29. Parade.
Coaching Club, May 29. Parade.

Application of Elizabeth Ellis, widow of late Patrolman ()
 rred to the Trustees of the Police Pension Fund

Communication from his Honor the Mayor, accepting invitation

Communication from William V. Blake, Trenton, N. J., relating to

ness in the case of Captain Alexander S. Williams, was referred

Communication from Theron Jones, complaining of undue delay in the removal of a dead animal from the twenty-ninth Precinct Station-house, was referred to the Superintendent.

Resolved, That the following transfers be ordered :
 Patrolman John Armstrong, from Fourth Precinct to Thirty-fifth

“ Lewis M. Terhune, from Sixteenth Precinct to Tw

“ David Jackson, from Twenty-sixth Precinct to For

"William T. Graham, from Fifteenth Precinct to Thirtieth Precinct."

“ Timothy Hanlon, from Fifteenth Precinct to Thirtieth Precinct.

Communication from the Associated Veterans of the Mexican

Communication from John McGinley to Captain Williams,

ce force, was ordered on file with his appointment papers.

COURT OF APPEALS.
The People of the State of New York, ex rel. Edward Walsh, Respondents, against William F.

Judgments—Fines Imposed.

Patrolman Daniel J. Callahan, Fourth Precinct, five days' pay.
 " William H. Anthes, Fifth Precinct, five days' pay.
 " James Kavanagh, Fifth Precinct, two days' pay.
 " Patrick Hough, Eighth Precinct, five days' pay.
 " John H. Stoker, Ninth Precinct, one day's pay.
 " Hugh Casey, Ninth Precinct, one day's pay.
 " Patrick Masterson, Tenth Precinct, two days' pay.
 " William Stutt, Tenth Precinct, two days' pay.
 " Adam Corell, Twelfth Precinct, five days' pay.
 " Daniel Frazier, Fourteenth Precinct, ten days' pay.
 " Daniel Frazier, Fourteenth Precinct, two days' pay.
 " Mortimer A. Roberts, Fourteenth Precinct, seven days' pay.
 " James Watson, Fifteenth Precinct, one day's pay.
 " Michael W. Wiley, Fifteenth Precinct, three days' pay.
 " John S. Sullivan, Fifteenth Precinct, five days' pay.
 " William T. Graham, Fifteenth Precinct, one day's pay.
 " George W. Gill, Sixteenth Precinct, three days' pay.

Reprimand.

Patrolman David Regan, Nineteenth Precinct.

Complaints Dismissed.

Patrolman William H. Ahearn, Fourth Precinct.
 " Joseph A. Gardner, Fourth Precinct.
 Roundsman John P. Kelly, Twenty-first Precinct.

Street Cleaning.

Communication from Captain Gunner, relative to the powers and duties of the Inspector of Street Cleaning, was ordered on file.
 Resolved, That the Committee on Street Cleaning be authorized to cause the Steam-tug "U. S. Grant" to be repaired, at a cost not exceeding \$500.
 Adjourned.

S. C. HAWLEY, Chief Clerk.

The Board of Police met on the 2d day of June, 1879.
 Present—Messrs. Smith, Wheeler, and MacLean, Commissioners.
 Resolved, That the Chief Clerk be directed to communicate with William V. Blake, Trenton, N. J., and obtain bill for witness fees.
 Resolved, That the pay-rolls of the Police Department and force for the month of May, 1879, amounting to \$268,599 62, as per schedule, be and are hereby ordered to be paid by the Treasurer, all voting aye.
 Resolved, That the following pay-rolls of the Bureau of Street Cleaning for the month of May, 1879, be and are hereby ordered to be paid by the Treasurer, all voting aye:

Deputy Inspector, Clerks, etc.....	\$1,674 98
Superintendent of Stables, Gangmen, etc.....	562 00
Steam Tug hands.....	395 00
	<hr/> \$2,631 98

Adjourned.

S. C. HAWLEY, Chief Clerk.

LEGISLATIVE DEPARTMENT.

[From the Proceedings of the Board of Aldermen, June 3, 1879.]

UNFINISHED BUSINESS.

Alderman R. Hall called up G. O. 192, being a resolution, as follows:
 Resolved, That Hudson street, from North Moore to Chambers street, be and is hereby designated as a stand for farmers' wagons for the sale of garden produce, subject to the same ordinances, rules, and regulations as apply to other streets now used for like purposes, and the Comptroller is hereby authorized and directed to carry into effect the provisions of this resolution.
 Alderman Burns offered the following as an amendment.
 Provided that nothing herein contained shall be construed as granting permission to said wagons to occupy any of the streets crossing Hudson street, between Beach and Chambers streets.
 The President put the question whether the Board would agree with said amendment.
 Which was decided in the affirmative.
 The President then put the question whether the Board would agree with said resolution as amended.
 Which was decided in the affirmative.

MOTIONS AND RESOLUTIONS AGAIN RESUMED.

Alderman Morris moved that the hour fixed for the meetings of the Board be changed from 2 o'clock P. M. to 12 M. during the months of June, July, August, and September, 1879.
 The President put the question whether the Board would agree with said motion.
 Which was decided in the affirmative.

UNFINISHED BUSINESS RESUMED.

Alderman Sauer called up G. O. 46, being a resolution, as follows:
 Resolved, That gas-mains be laid, lamps-posts erected, and lamps lighted in Denman place, from Union to Concord avenue (Twenty-third Ward), under the direction of the Commissioner of Public Works.
 The President put the question whether the Board would agree with said resolution.
 Which was decided in the affirmative by the following vote, viz.:
 Affirmative—The President, Aldermen Burns, Carroll, Cavanagh, Finck, Foster, G. Hall, R. Hall, Hyatt, Jacobus, Keenan, Kenney, Kiernan, Morris, Perley, Roberts, Sauer, Sheils, Stewart, and Strack—20.

Alderman Sauer called up G. O. 190, being a resolution, as follows:
 Resolved, That permission be and the same is hereby given to the Dry Dock, East Broadway, and Battery Railroad Company to erect a shed, not exceeding 15 x 25 feet, on four posts, on the open space known as the Tweed Plaza, formed by the junction of Canal street, East Broadway and Rutgers street, to be used as a resting-place for the horses of the company during the summer months only, the work to be done at their own expense.
 The President put the question whether the Board would agree with said resolution.
 Which was decided in the affirmative.

Alderman Hyatt called up G. O. 175, being an ordinance, as follows:
 AN ORDINANCE to amend sections 43 and 45 of article four of chapter forty-two of the ordinances of 1859, entitled "Of pawnbrokers, dealers in second-hand articles, and keepers of junk shops," as amended by an ordinance passed December 31, 1863, entitled "An ordinance to amend sections thirty-three, forty-three, and forty-five of article four of chapter forty-two of the Revised Ordinances."

The Mayor, Aldermen, and Commonalty of the City of New York, in Common Council convened, do ordain as follows:

Section 1. Section 43 of article four of chapter forty-two of the above-entitled ordinance is hereby amended, and shall read as follows:

"Section 43. Every licensed keeper of a junk shop, for the purchase and sale of rags, old rope, old iron, brass, copper, empty bottles, tin, slush or lead, shall be entitled to keep one or more carts, wagons or other vehicles, and one or more boats or other vessels for the purpose of collecting old junk, rags, old rope, old iron, brass, copper, empty bottles, tin, slush or lead, in the City of New York, provided he or she shall, before using such carts, wagons, boats or other vessels, or causing the same to be used, cause to be painted on the outer side of such hand-carts, wheelbarrows, or other carts or vehicles, boats or vessels, his name at length, the street and number of his place of business, the number of his license, in plain letters and figures, put on with paint, of not less than two and a half inches in length. The Mayor shall, from time to time, grant licenses to such persons as he shall think proper, to keep one cart, wagon or other vehicle, or one boat or other vessel, for the purpose of collecting old junk, rags, old rope, old iron, brass, copper, empty bottles, tin, slush or lead, in the City of New York, providing the person receiving such license shall, before using such cart, wagon, boat or other vessel, cause to be painted on the outer side of such hand-carts, wheelbarrows, or other carts or vehicles, boats or vessels, his name at length, the street and number of his place of residence, the number of his license, in plain letters and figures, put on with paint, of not less than two and a half inches in length."

Sec. 2. Section 45 of article IV. of the above-entitled ordinance is hereby amended, and shall read as follows:

"Section 45. Every owner of a cart, wagon or other vehicle, boat or other vessel, on receiving his or her license, shall pay for each and every cart, wagon or other vehicle, boat or other vessel, to

the Mayor of the City of New York, for the use of said city, the sum of five dollars, and upon the renewal of said license, annually, the sum of two and a half dollars."

Sec. 3. All ordinances or parts of ordinances inconsistent or conflicting with the provisions of this ordinance are hereby repealed.

Sec. 4. This ordinance shall take effect immediately.

The President put the question whether the Board would agree with said ordinance.

Which was decided in the affirmative.

Alderman Hyatt called up G. O. 84, being a resolution, as follows:

Resolved, That Croton water-mains be laid in Washington avenue, from One Hundred and Seventieth street to Talmadge street, as provided in section 2, chapter 477, Laws of 1875.

The President put the question whether the Board would agree with said resolution.

Which was decided in the affirmative by the following vote, viz.:

Affirmative—The President, Aldermen Burns, Carroll, Cavanagh, Finck, Foster, R. Hall, Hyatt, Jacobus, Keenan, Kiernan, Perley, Roberts, Sauer, Sheils, Slevin, Stewart, and Strack—18.

MOTIONS AND RESOLUTIONS AGAIN RESUMED.

Alderman Jacobus asked unanimous consent to call up G. O. 178, being a resolution, as follows:
 Resolved, That the Mayor, Aldermen, and Commonalty of the City of New York, pursuant to the provisions of section 49 of chapter 335, Laws of 1873, hereby authorize and approve of the selection made by the Commissioners of Police of the piece or parcel of land belonging to the Corporation of the City of New York, and located on the west side of Elizabeth street, 100 feet south of Canal street, being 50 feet front and rear by 94 feet deep, as a site for the erection of a new station-house for the police force of the Sixth Precinct, hereby set apart, devote, and appropriate the said lots of land for the use and purpose of a site for a new station-house and prison for the contemplated new Sixth Precinct, and the Commissioners of the Sinking Fund are hereby authorized and requested to set apart and appropriate for the use and possession of the Police Department the said lots of land above described.

Objection being made,

Alderman Sheils moved to suspend the regular order of business in order to permit Alderman Jacobus to call up the above general order.

The President put the question whether the Board would agree with said motion.

Which was decided in the affirmative by the following vote, on a division called by Alderman Slevin, viz.:

Affirmative—Aldermen Cavanagh, G. Hall, R. Hall, Hyatt, Jacobus, Kiernan, Morris, Perley, Roberts, Sauer, Sheils, and Strack—12.

Negative—The President, Aldermen Burns, Carroll, Finck, Foster, and Slevin—6.

The President then put the question whether the Board would agree with said General Order No. 178.

Which was decided in the affirmative by the following vote, on a division called by Alderman Perley, viz.:

Affirmative—The President, Aldermen Cavanagh, Finck, Foster, R. Hall, Hyatt, Jacobus, Kiernan, Morris, Perley, Roberts, Sauer, Sheils, and Strack—14.

Negative—Aldermen Burns, Carroll, G. Hall, Keenan, and Slevin—5.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DAILY MEETINGS, MAY 19 TO 24, 1879.

Communications Received.

From Penitentiary—List of prisoners received during week ending May 17, 1879: Males, 25; Females, 7. On file.
 From Lunatic Asylum, Blackwell's Island—History of 10 patients received during week ending May 17, 1879. On file.
 From N. Y. City Asylum for Insane, Ward's Island—History of 5 patients received during week ending May 17, 1879. On file.
 From City Prison—Amount of fines received during week ending May 17, 1879, \$141. On file.
 Appointment of Commissioner of Public Charities and Correction vice Isaac H. Bailey, whose term of office has expired.

EXECUTIVE DEPARTMENT—CITY HALL, }
 NEW YORK, May 20, 1879.

I do hereby certify that Jacob Hess was this day appointed and confirmed as a Commissioner of the Department of Charities and Correction of the City of New York, in place of Isaac H. Bailey, whose term of office has expired, in accordance with the provisions of chapter 335 of the Laws of 1873, being an act to reorganize the local government of the City of New York, and the acts amendatory thereof.

(Signed),

EDWARD COOPER, Mayor.

Resolutions.

Resolved, That sentiments of regret be expressed by this Board on the retirement of our esteemed colleague, the Hon. Isaac H. Bailey, for duty as Commissioner of Public Charities and Correction.
 Resolved, That this resolution be entered on the minutes. Adopted.
 Resolved, That as a mark of respect to the memory of the late Hon. James B. Nicholson, the flags of this Department be placed at half mast on 21st inst., the day of his funeral, and that a copy of this resolution be sent to his family. Adopted.

Appointments.

May 19. Florence Dodge, Attendant, Lunatic Asylum.
 22. Thomas Connors, Night Watchman, Bellevue Hospital.
 23. Harriet Egan, Laundress, Charity Hospital.
 24. George Hewlett, Attendant, N. Y. City Asylum for Insane.

Resignations.

May 20. Bernard Halligan, Night Watchman, Bellevue Hospital.
 20. Jeremiah J. Leahy, Attendant, N. Y. City Asylum for Insane.

Dismissal.

May 22. Rosanna Rogers, Laundress, Charity Hospital.

JOSHUA PHILLIPS, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Abstract of Proceedings for the week ending May 31, 1879.

Meeting held May 29, 1879.

Present—Commissioners Wenman, President; Wetmore, Conover, and Lane.

Communications were received from the Secretary of the Board of Apportionment transmitting action of that Board in the matter of appropriation for the improvement of Tompkins Square.

From Washington Market Decorating Committee, inviting the Commissioners to attend in decorating Washington monument.

From C. Ryan, desiring permission to give music at Mt. St. Vincent, Central Park.

From William Cauldwell and others, asking that the proceedings for acquiring title to Boston avenue be delayed two weeks, claiming that a large number of property owners are opposed to the proceedings.

The communication was ordered on file, and the Secretary directed to notify Mr. Cauldwell that the matter referred to is now in the hands of the Counsel to the Corporation, and that they must apply to him for the relief desired.

Resolved, That the three similar maps or plans, entitled "Map or plan showing River avenue, from One Hundred and Thirty-eighth street to Railroad avenue," "One Hundred and Thirty-fifth street, from Railroad avenue to Third avenue," and "One Hundred and Thirty-sixth street, from College avenue to Third avenue," in the Twenty-third Ward of the City of New York, as laid out, entitled, and classified by the Commissioners of the Department of Public Parks, in pursuance of the provisions of chapter 604 of the Laws of 1874, and 436 of the Laws of 1876, and signed Julius Munckwitz, Superintending Architect Department of Public Parks, and E. B. Van Winkle, Topographical Engineer Department of Public Parks, dated New York, May 26, 1879, be and the same are hereby approved and ordered filed, and that James F. Wenman, the President, and one of the Board of Commissioners of the Department of Public Parks, be and he is hereby designated and directed to certify and file said maps as provided by law.

Resolved, That the Secretary be directed to transmit to the Comptroller the proposals of John B. Devlin, for building sewer in One Hundred and Forty-second street; John H. McCabe, sewer in One Hundred and Thirty-fourth street; John B. Devlin, sewer in One Hundred and Forty-first street; and John F. Broderick, Woodstock drains, they being the lowest bidders for such works; and that upon the approval of the sureties upon said proposals by the Comptroller, the President of this Department be and he is hereby authorized to execute contracts with said parties for the construction of the different sewers and drains as herein mentioned.

E. P. BARKER, Secretary.

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 May 31, 1879.

Barometer.

DATE.	MAY.	7 A. M.		2 P. M.		9 P. M.		Mean for the Day.	MAXIMUM.			MINIMUM.		
		Observed Height.	Reduced to Freezing.	Observed Height.	Reduced to Freezing.	Observed Height.	Reduced to Freezing.		Observed Height.	Reduced to Freezing.	Time.	Observed Height.	Reduced to Freezing.	Time.
Sunday,	25	29.920	29.835	29.872	29.750	29.798	29.705	29.763	30.018	29.931	0 A. M.	29.780	29.661	5 P. M.
Monday,	26	29.900	29.818	30.006	29.908	30.132	30.050	29.925	30.168	30.100	12 P. M.	29.788	29.698	0 A. M.
Tuesday,	27	30.276	30.204	30.246	30.151	30.122	30.040	30.132	30.290	30.209	8 A. M.	30.074	29.998	12 P. M.
Wednesday,	28	30.082	30.008	30.158	30.049	30.178	30.077	30.045	30.178	30.077	9 P. M.	30.058	29.987	3 A. M.
Thursday,	29	30.212	30.111	30.230	30.100	30.172	30.063	30.091	30.236	30.122	9 A. M.	30.168	30.062	12 P. M.
Friday,	30	30.196	30.095	30.160	30.030	30.106	29.997	30.041	30.204	30.098	8 A. M.	30.192	29.989	12 P. M.
Saturday,	31	30.102	29.996	30.108	29.954	30.030	29.903	29.951	30.112	29.995	9 A. M.	30.026	29.912	12 P. M.

Mean for the week..... 29.992 inches.
Maximum " at 8 A. M., May 27..... 30.209 "
Minimum " at 5 P. M., May 25..... 29.661 "
Range "548 "

Thermometers.

DATE.	MAY.	7 A. M.		2 P. M.		9 P. M.		MEAN.	MAXIMUM.			MINIMUM.			MAXIMUM.
		Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.		Dry Bulb.	Wet Bulb.	Time.	Dry Bulb.	Wet Bulb.	Time.	
Sunday,	25	60	57	74	63	61	65.6	60.3	74	2 P. M.	65	5 P. M.	58	5 A. M.	131
Monday,	26	59	55	65	56	52	61.0	54.3	66	6 P. M.	57	6 P. M.	54	12 P. M.	128
Tuesday,	27	55	53	64	55	59	59.3	55.0	65	1 P. M.	59	9 A. M.	49	5 A. M.	126
Wednesday,	28	56	54	69	58	66	63.7	57.3	73	7 P. M.	64	7 P. M.	54	5 A. M.	126
Thursday,	29	66	64	77	65	69	70.6	63.7	78	3 P. M.	66	3 P. M.	57	5 A. M.	128
Friday,	30	66	63	77	67	69	70.6	65.0	77	2 P. M.	67	2 P. M.	62	4 A. M.	130
Saturday,	31	68	65	86	77	76	76.7	71.3	86	2 P. M.	77	2 P. M.	65	4 A. M.	141

Mean for the week..... 66.8 degrees.
Maximum for the week, at 2 P. M., 31st..... 86. " at 2 P. M., 31st..... 77. "
Minimum " at 5 A. M., 27th..... 49. " at 5 A. M., 27th..... 48. "
Range " 37. " 29. "

Wind.

DATE.	MAY.	DIRECTION.			VELOCITY IN MILES.				FORCE IN POUNDS PER SQUARE FOOT.				
		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Distance for the Day.	7 A. M.	2 P. M.	9 P. M.	Max.	Time.
Sunday,	25	W	SE	SSE	10	16	37	63	0	3/4	0	2 1/2	6.40 P. M.
Monday,	26	NW	NNE	NW	54	49	30	133	1/2	1/2	0	3	9 A. M.
Tuesday,	27	E	SE	SE	22	57	50	129	0	1	0	4 1/4	12 M.
Wednesday,	28	NW	N	NNE	15	54	21	90	1/2	2 1/4	0	4	1 P. M.
Thursday,	29	W	SE	SSE	8	28	44	80	0	1/4	1/4	1	5.10 P. M.
Friday,	30	SSW	SE	SE	39	50	44	133	1/2	1	1/2	1 1/4	3.15 P. M.
Saturday,	31	SW	SE	N	19	23	23	65	0	1/4	0	1/2	2.50 P. M.

Distance traveled during the week..... 693 miles.
Maximum force " 4 1/4 pounds.

DATE.	MAY.	Hygrometer.						Clouds.			Rain and Snow.				
		FORCE OF VAPOR.			RELATIVE HUMIDITY.			CLEAR, 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.	Amount of Water.	Depth of Snow.
Sunday,	25	.426	.429	.510	82	51	89	Hazy.	Hazy.	7 Cir. Cu.	6 P. M.	8.30 P. M.	2 30	.24	..
Monday,	26	.380	.330	.296	76	53	59	4 Cir.	1 Cir.	0	.....	.....	.....	..	..
Tuesday,	27	.376	.314	.439	87	53	88	0	9 Cu.	10 Hazy.	9 P. M.	10 P. M.	1 00	.02	..
Wednesday,	28	.391	.336	.438	87	48	68	3 Cir.	0	3 Cir.	.....	.....	.....	..	..
Thursday,	29	.569	.457	.462	89	49	65	0	3 Cir.	6 Cir.	.....	.....	.....	..	..
Friday,	30	.536	.527	.564	84	57	80	6 Cir. Cu.	5 Cir.	7 Cir.	.....	.....	.....	..	..
Saturday,	31	.577	.805	.731	84	65	82	0	8 Cu.	0	.....	.....	.....	..	..

Total amount of water for the week..... .0.26 inches.

DANIEL DRAPER, Director.

FINANCE DEPARTMENT.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, June 3, 1879.

Monthly statement of warrants drawn against the City Treasury, from January 1 to May 31, 1879, together with a comparative statement of the City Debt as represented in stocks and bonds as of December 31, 1878, and May 31, 1879; and also a statement of and for what purposes stocks have been issued.

Warrants Drawn.

PAYABLE FROM TAXATION.	TO APRIL 30.	IN MAY.
State Taxes.....	\$500,000 00	\$1,451,062 19
Salaries, Supplies, and General Expenses of the City Government.....	3,010,885 15	544,907 75
Interest on the City Debt.....	3,326,212 20	510,720 94
Public Instruction.....	931,796 41	319,406 58
Charitable Institutions.....	309,253 23	63,607 01
Judgments and Claims.....	353,089 68	14,857 25
Election Expenses.....	6,608 44	.....
Redemption of Debt of Annexed Territory.....	66,110 38	1,000 00
Miscellaneous.....	51,572 40	6,964 79
Total payable from Taxation.....	\$8,555,527 95	\$2,912,586 51
NEW WORKS AND IMPROVEMENTS—PAYABLE FROM ISSUE OF BONDS.		
Public Works—Street Openings and Improvements.....	\$167,305 59	\$27,178 22
Croton Water Works.....	125,521 42	14,010 04
City Parks Improvements.....	187 10	146 28
Docks and Slips.....	92,342 94	31,435 97
New County Court-house.....	11,577 57	846 30
Museums of Art and Natural History.....	6,416 81	332 81
Additional Free Floating Baths.....	550 60	2 25
Brooklyn Bridge.....	.....	500,000 00
Harlem River Bridge.....	2,765 35	363 53
Tompkins Square Improvement.....	15,362 59	4,650 02
Total payable from Issue of Bonds.....	\$422,029 97	\$578,972 02
SPECIAL AND TRUST ACCOUNTS.		
Redemption of the City Debt.....	\$2,499,300 00	\$859,400 00
Miscellaneous.....	189,473 09	64,974 96
Total payable from Special and Trust Accounts.....	\$2,688,773 09	\$924,374 96
Total payment by warrants in May.....	.....	\$4,415,933 49
Add amount warrants previously drawn.....	.....	11,666,331 01
Total payments by warrant to date, 1879.....	.....	\$16,082,264 50

Stocks and Bonds have been issued for the following purposes, viz.:

For Street Openings and Improvements.....	\$184,500 00
For Croton Water purposes.....	124,000 00
For Docks and Slips.....	115,000 00
For Tompkins Square Improvement.....	23,000 00
For Museums of Art and Natural History.....	5,000 00
For New York County Court-house.....	12,500 00
For Bridge over Harlem river.....	4,000 00
For Annual Expenses.....	11,061,800 00
For Brooklyn Bridge.....	500,000 00
Total.....	\$12,029,800 00

Statement of the City Debt as represented in Stocks and Bonds.

BONDED DEBT.	DECEMBER 31, 1878.	APRIL 30, 1879.	MAY 31, 1879.
1. Bonds payable from Taxation.....	\$99,605,590 20	\$99,583,590 20	\$99,198,640 72
2. Bonds payable from the Sinking Fund, under ordinances of the Common Council.....	18,741,143 47	18,741,143 47	18,741,143 47
3. Bonds payable from the Sinking Fund, under section 8, chapter 383, Laws 1878.....	882,082 15	1,112,582 15	1,642,582 15
4. Bonds payable from the Sinking Fund, under section 6, chapter 383, Laws 1878.....	6,900,000 00	6,900,000 00	6,900,000 00
5. Assessment Bonds, issued prior to June 3, 1878.....	12,813,000 00	12,793,300 00	12,781,500 00
6. Assessment Bonds, issued after June 3, 1878, for Local Improvements contracted for or commenced prior to that date.....	598,500 00	730,000 00	743,000 00
7. Assessment Bonds, issued for Local Improvements contracted for or commenced after June 3, 1878.....	70,000 00	100,000 00	110,000 00
Deduct Sinking Fund (investments and cash).....	\$139,610,315 82	\$139,960,615 82	\$140,116,866 34
	32,143,787 83	32,970,469 22	33,747,144 33
	\$107,466,527 99	\$106,990,146 60	\$106,369,722 01
Revenue Bonds.			
Issued under special laws prior to 1878.....	5,775 50	5,775 50	5,775 50
" in anticipation of Taxes of 1877.....	800,000 00	800,000 00	800,000 00
" " 1878.....	5,146,100 00	3,774,600 00	3,294,800 00
" " 1879.....	.....	7,462,400 00	11,061,800 00
Total Bonded Debt, less Sinking Fund.....	\$113,418,403 49	\$119,032,922 10	\$121,532,097 51
Cash—City Treasury Account.....	.....	.....	\$2,109,625 97
Sinking Fund—Redemption Account.....	.....	.....	2,011,252 49
Interest Account.....	.....	.....	260,379 27
	.....	.....	\$4,381,257 73

DEPARTMENT OF DOCKS.

At a special meeting of the Board of Docks held May 26, 1879.

Present—Commissioners Dimock and Vanderpoel and the Comptroller of the city.

Three proposals were received for dredging at certain piers on the North and East rivers, as follows, to wit:

1. Chandler H. Loomis..... .25 cents per cubic yard.
2. Atlantic Dredging Company..... .26 " " " "
3. Morris & Cummings Dredging Company..... .26 " " " "

and being read were, on motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held May 28, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The reading of the minutes of the meetings held May 24 and 26 was, on motion, dispensed with.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit:

From Jacob Sharp, President of the Twenty-third Street Railway Co.—Stating the necessity of having dredging done at and adjacent to the bulkhead at Twenty-third street, North river, and offering to pay \$500 towards the expenses of doing the work. Engineer-in-Chief directed to confer

with O'Chanute, Engineer of New York, Lake Erie and Western Railroad Co. in reference to the subject.

From Charles H. Longstreet, Superintendent—In reference to landings at Pier, new 1, North river, during July, August, and September, by steamers "Harlem" and "Morrisania." Secretary directed to request the applicant to call on the Commissioners in reference to his application. From Engineer-in-Chief—

1. Report as to repairs required to pier at Thirty-eighth street, North river, occupied by contractor for removing offal, etc., from the city. Secretary directed to examine the agreement between the city and the contractor for the removal of offal, under which pier at Thirty-eighth street, North river, was set aside for their use, and if the city is bound under said agreement to keep the pier in repair, to direct the Engineer-in-Chief to make the repairs in accordance with his report, at a cost of about \$400.

2. Report as to dredging needed at pier at One Hundred and Seventeenth street, East river. J. P. Minster, lessee of said pier, requested to call on the Commissioners in reference to the same. The following communications were received, read, and,

On motion, placed on file, action being taken were necessary, as stated, to wit:
From Police Department—To have piles driven at the bulkhead at Seventeenth street, East river. Action of the Commissioners in ordering the work done on the 26th instant, approved.

From Townsend & Co.—To place a circular hoisting apparatus on bulkhead between Twenty-third and Twenty-fourth streets, North river, for the purpose of hoisting coal. Application denied. From Comptroller—Advising that Charles H. Loomis, contractor, is not in default to the corporation.

From John M. C. Scully—Offering to furnish all the small cobble and rip-rap stone required by the Department, at contract prices, during the interval that elapses until the signing of his contract, and in such manner as the Department may approve.

From Engineer-in-Chief—Report as to work performed during week ending May 24, 1879. O'Chanute, Chief Engineer of the New York, Lake Erie and Western Railroad Co., lessee and occupant of Pier 8, East river, and H. E. Nesmith, Jr., representing owners of Pier 9, East river, appeared and were heard as to the dredging ordered to be done by this Department in the slip between said piers.

J. D. Tracy appeared and was heard in reference to his application to erect a dumping-board at Bank street, North river.

Messrs. A. L. Dennis and F. W. Jackson and others, representing the Pennsylvania Railroad Co., were present and heard in reference to the improvements contemplated by said company at the foot of Cortlandt street, North river.

On motion, the proposals received and opened on 26th instant, for dredging at certain piers on North and East rivers, were taken from the table, placed on file, and the following resolution adopted:

Resolved, That the contract for dredging at certain piers on North and East rivers of this city be and is hereby awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, his bid for doing said work being the lowest under proposals publicly opened 26th May, 1879.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE, June 3, 1879.

We do hereby certify that, under the authority conferred upon "the Mayor and Comptroller and President of the Board of Aldermen of the City of New York, or a majority of said officers," by the provisions of chapter 300 of the Laws of 1875, entitled "An act providing that the bridge in the course of construction over the East river, between the cities of New York and Brooklyn, by the New York Bridge Company, shall be a public work of the cities of New York and Brooklyn, and for the dissolution of said company, and the completion and management of the said bridge by the said cities," Thomas Hitchcock, John T. Agnew, John G. Davis, Herman Uhl, William A. Booth, James M. Motley, George W. Lane and Robert B. Roosevelt were appointed, on the second day of June, 1879, Trustees, for the purpose of managing and constructing said bridge, to hold office for the term of two years from the second day of June, 1879, in place of the eight persons appointed as such Trustees on the second day of June, 1877, whose terms of office have expired.

EDWARD COOPER,

Mayor of the City of N. Y.;

JOHN KELLY,

Comptroller of the City of N. Y.;

JORDAN L. MOTT,

Pres't of the Board of Aldermen of the City of N. Y.

DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS,
OFFICE OF SUPERINTENDENT,
NO. 2 FOURTH AVENUE,
NEW YORK, June 2, 1879.

Dismissals.
June 2—James E. Dobbs, Temporary Clerk.
2—John McDonald, Messenger.
2—John McCarthy, Inspector.

HENRY J. DUDLEY,
Superintendent of Buildings.

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.
EDWARD COOPER Mayor; JAMES E. MORRISON, Secretary.
Mayor's Marshal's Office.
No. 7 City Hall, 10 A. M. to 3 P. M.
JOHN TYLER KELLY, First Marshal.
Permit and License Bureau Office.
No. 1 City Hall, 10 A. M. to 3 P. M.
DANIEL S. HART, Registrar.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.
No. 8 City Hall, 10 A. M. to 4 P. M.
JORDAN L. MOTT, President; Board of Aldermen.
JACOB M. PATTERSON, JR., Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.
No. 19 City Hall, 9 A. M. to 4 P. M.
ALLAN CAMPBELL, Commissioner; FREDERICK H. HAMILIN, Deputy Commissioner.
Bureau of Water Register.
No. 10 City Hall, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.
Bureau of Incumbrances.
No. 13 City Hall, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.

Bureau of Lamps and Gas.
No. 21 City Hall, 9 A. M. to 4 P. M.
STEPHEN MCCORMICK, Superintendent.

Bureau of Streets.
No. 19 City Hall, 9 A. M. to 4 P. M.
JAMES J. MOONEY, Superintendent.

Bureau of Sewers.
No. 21 City Hall, 9 A. M. to 4 P. M.
STEVENSON TOWLE, Engineer-in-Charge.

Bureau of Chief Engineer.
No. 11½ City Hall, 9 A. M. to 4 P. M.

Bureau of Street Improvements.
No. 11 City Hall, 9 A. M. to 4 P. M.
GEORGE A. JEREMIAH, Superintendent.

Bureau of Repairs and Supplies.
No. 18 City Hall, 9 A. M. to 4 P. M.
THOMAS KEECH, Superintendent.

Bureau of Water Purveyor.
No. 4 City Hall, 9 A. M. to 4 P. M.
DANIEL O'REILLY, Water Purveyor.

Keeper of Buildings in City Hall Park.
JOHN F. SLOPER, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.
Nos. 19 and 20 New County Court-house, 9 A. M. to 4 P. M.
JOHN KELLY, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.
No. 19 New County Court-house, 9 A. M. to 4 P. M.
DANIEL JACKSON, Auditor of Accounts.

Bureau of Arrears.
No. 5 New County Court-house, 9 A. M. to 4 P. M.
ARTEMAS CADY, Clerk of Arrears.

Bureau for the Collection of Assessments.
No. 16 New County Court-house, 9 A. M. to 4 P. M.
EDWARD GILON, Collector.

Bureau of City Revenue.
No. 6 New County Court-house, 9 A. M. to 4 P. M.
EDWARD F. FITZPATRICK, Collector of City Revenue.

Bureau of Markets.
No. 6 New County Court-house, 9 A. M. to 4 P. M.
JOSHUA M. VARIAN, Superintendent of Markets.

Bureau for the Collection of Taxes.
First floor, Brown-stone building, City Hall Park.
MARTIN T. MCMAHON, Receiver of Taxes; ALFRED VREDENBURG, Deputy Receiver of Taxes.

Bureau of the City Chamberlain.
No. 18 New County Court-house, 9 A. M. to 4 P. M.
J. NELSON TAPPAN, City Chamberlain.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.
Staats Zeitung Building, third floor, 9 A. M. to 4 P. M.
WILLIAM C. WHITNEY, 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.
ALGERNON S. SULLIVAN, Public Administrator.

Office of the Corporation Attorney.
No. 49 Beekman street, 9 A. M. to 4 P. M.
WILLIAM A. BOYD, Corporation Attorney.

Attorney to Department of Buildings Office.
Corner Cortland and Church streets.
JOHN A. FOLEY, Attorney.

POLICE DEPARTMENT.

Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
WILLIAM F. SMITH, President; SETH C. HAWLEY, Chief Clerk.

DEPARTMENT OF CHARITIES AND CORRECTION.
Central Office.
Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.
TOWNSEND COX, President; JOSHUA PHILLIPS, Secretary.

FIRE DEPARTMENT.

Headquarters.
Nos. 153, 155, and 157 Mercer street, 9 A. M. to 4 P. M.
VINCENT C. KING, President; CARL JUSSEN, Secretary.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES F. CHANDLER, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

No. 36 Union square, 9 A. M. to 4 P. M.
JAMES F. WENMAN, President; EDWARD P. BARKER, Secretary.
Civil and Topographical Office.
Arsenal, 64th street and 5th avenue, 9 A. M. to 5 P. M.
Office of Superintendent of 23d and 24th Wards.
Fordham, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Nos. 117 and 119 Duane street, 9 A. M. to 4 P. M.
EUGENE T. LYNCH, Secretary.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Brown-stone building, City Hall Park, 9 A. M. to 4 P. M.
JOHN WHELER, President; ALBERT STORER, Secretary.

BOARD OF ASSESSORS.

Office, No. 114 White street, 9 A. M. to 4 P. M.
THOMAS B. ASTEN, President; WM. H. JASPER, Secretary.

DEPARTMENT OF BUILDINGS.

No. 2 Fourth avenue, 8:30 A. M. to 4 P. M.
HENRY J. DUDLEY, Superintendent.

BOARD OF EXCISE.

Corner Mulberry and Houston streets, 9 A. M. to 4 P. M.
RICHARD J. MORRISON, President; J. B. ADAMSON, Chief Clerk.

SEALERS OF WEIGHTS AND MEASURES.

No. 236 West Forty-third street.
ELIJAH W. ROE.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
BERNARD REILLY, Sheriff; JOHN T. CUMMING, Under Sheriff.

COMMISSIONER FOR THE COMPLETION OF THE NEW COUNTY COURT-HOUSE.
No. 28 New County Court-house, 9 A. M. to 5 P. M.
WYLLIS BLACKSTONE, President; ISAAC EVANS, Secretary.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
FREDERICK W. LOEW, Register; AUGUSTUS T. DOCHARTY, Deputy Register.

COMMISSIONERS OF ACCOUNTS.

No. 27 Chambers street, 9 A. M. to 4 P. M.
WM. PITT SHEARMAN, ROBERT F. HATFIELD.

COMMISSIONER OF JURORS.

No. 17 New County Court-house, 9 A. M. to 4 P. M.
THOMAS DUNLAP, Commissioner; ALFRED J. KEEGAN, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
HUBERT O. THOMPSON, County Clerk; J. HENRY FORD, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone building, City Hall Park, 9 A. M. to 4 P. M.
BENJAMIN K. PHELPS, District Attorney; MOSES P. CLARK, Chief Clerk.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.
No. 2 City Hall, 8 A. M. to 6 P. M.; Saturdays, 8 A. M. to 5 P. M.
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

CORONERS' OFFICE.

No. 40 East Houston street.
HENRY WOLTMAN, MORITZ ELLINGER, RICHARD CROKER, and RICHARD FLANAGAN, Coroners.

RAPID TRANSIT COMMISSIONERS.

HENRY F. SPAULDING, 15 Nassau street.
BENJAMIN G. ARNOLD, 125 Front street.
HENRY G. STEBBINS, 48 Exchange place.
LEWIS G. MORRIS, 25 Pine street.
SAMUEL R. FILLEY, Prospect avenue and 165th street.

SUPREME COURT.

Second floor, New County Court-house, 10½ A. M. to 3 P. M.
General Term, Room No. 29.
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; HUBERT O. THOMPSON, Clerk.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.
General Term, Room No. 29.
Special Term, Room No. 33.
Chambers, Room No. 33.
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, 9 A. M. to 4 P. M., Room No. 31.
WILLIAM E. CURTIS, Chief Judge; THOS. BORSE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.
Clerk's Office, 9 A. M. to 4 P. M., Room No. 22.
General Term, Room No. 21.
Special Term, Room No. 21.
Chambers, Room No. 21.
Part I, Room No. 25.
Part II, Room No. 26.
Part III, Room No. 27.
Naturalization Bureau, Room No. 23.
CHARLES P. DALY, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

MARINE COURT.

General Term, Trial Term Part I, Room 15, City Hall.
Trial Term Part II, Trial Term Part III, third floor, 27 Chambers street, 10 A. M. to 3 P. M.
Special Term, Chambers, second floor, 27 Chambers street, 10 A. M. to 3 P. M.
Clerk's Office, basement, Brown-stone building City Hall Park, 9 A. M. to 4 P. M.
HENRY ALKER, Chief Justice; JOHN SAVAGE, Chief Clerk.

COURT OF GENERAL SESSIONS.

Brown-stone building, City Hall Park, 10 A. M. to 4 P. M.
Clerk's Office, Brown-stone building, City Hall Park, second floor, Room 14, 10 A. M. to 4 P. M.
JOHN K. HACKETT, Recorder; RUFUS B. COWING, City Judge; HENRY A. GILDERSLEEVE, Judge-Sessions; JOHN SPARKS, Clerk.

OVER AND TERMINER COURT.

General Term, New County Court-house, second floor southeast corner, room 13, 10:30 A. M.
Clerk's Office, Brown-stone building, City Hall Park, second floor, northwest corner.

COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, Tuesdays, Thursdays, and Saturdays, 10 A. M.
Clerk's Office, Tombs.

THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall (northwest corner basement). Price three cents each.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, May 26, 1879.

SEALED PROPOSALS FOR FURNISHING THIS Department with the following named materials, supplies, etc., in the quantities specified, will be received at these Headquarters until 9 A. M., on Wednesday, the 11th proximo, when they will be publicly opened and read:

FIRE ALARM TELEGRAPH.

No. 1. 600 zinc connections for gravity battery.
" 2. 3 kegs 5 inch spikes.
" 3. 2,000 locust pins.
" 4. 3,000 running feet 3¼ x 4¼ inches extra clear seasoned white pine for cross-arms.

SUPPLY ROOM.

No. 5. 2,500 lbs. cotton waste, machine picked.
" 6. 4 doz. stove shovels.
" 7. 12 " curry combs.
" 8. 6 " oak buckets, galvanized hoops, flush bottoms.

REPAIR SHOPS.

No. 9. 1 bar 1½ inch square cast steel.
" 10. 2 " 1½ " " "
" 11. 2 " 1½ " " "
" 12. 8 " 2½ x ¼ inch Ulster iron.
" 13. 4 " 2½ x ¼ inch Ulster iron.
" 14. 4 " 2 x ¼ inch Ulster iron.
" 15. 4 " 1½ x ¼ inch Ulster iron.
" 16. 4 " 1½ x ¼ inch Ulster iron.
" 17. 4 " 1½ x ¼ inch Ulster iron.
" 18. 2 bbls. 1½ x ¼ inch Norway iron.
" 19. 2 " 1½ x ¼ inch Norway iron.
" 20. 500 ½ inch finished hexagon head tap bolts.
" 21. 200 ½ inch hexagon nuts, blank.
" 22. 200 ½ inch hexagon nuts, blank.
" 23. 10 bbls. 26x84 inch best bloom charcoal iron, No. 26, 16 sheets to the bundle.
" 24. 16 " 26x84 inch best bloom galvanized iron, No. 26, 16 sheets to the bundle.
" 25. 16 " 26x84 inch best bloom galvanized iron, No. 24, 16 sheets to the bundle.
" 26. 10 " best Russia iron, 9 lbs. to the sheet, 16 sheets to the bundle.
" 27. 36 cylinder tallow cups for engines.
" 28. 50 composition 3 way cocks for heaters.
" 29. 50 composition oil cups for main links.
" 30. 24 composition globe valves, ¾-inch.
" 31. 24 composition angle valves, ¾-inch.
" 32. 25 lbs. sheet steel.
" 33. 1 gross brass lamp handles.
" 34. 200 file handles with iron ferrules.
" 35. 1 pair cast-steel stock shears, No. 4.
" 36. 3 doz. butts, 4x4 inches.
" 37. 300 coat hooks.
" 38. 50 reversible mortice locks, 4½ inches, with fixtures.
" 39. 50 reversible rim locks, 4 inches, with fixtures.
" 40. 2 doz. brass handles, 8 inches long, made of ½ inch brass.
" 41. 6 doz. brass drop hooks and fixtures.
" 42. 2 gross brass spring bolts and fixtures.
" 43. 2 " brass 2 inch buttons and plates.
" 44. 2 sides black skirting leather, 20 feet each.
" 45. 1 side red patent leather.
" 46. 1 side blue patent leather.
" 47. 1 " green patent leather.
" 48. 1 hide enameled leather, 50 feet.
" 49. 2 gross 1¼ inch jappanned horseshoe harness buckles.
" 50. 5 " ¾ inch jappanned horseshoe harness buckles.
" 51. 3 " ¾ inch jappanned horseshoe harness buckles.
" 52. 2 " ¾ inch jappanned horseshoe harness buckles.
" 53. 2 " 1 inch silver plated English wire harness buckles.
" 54. 2 " ¾ inch silver plated English wire harness buckles.
" 55. 2 " ¾ inch silver plated English wire harness buckles.
" 56. 2 " ¾ inch silver plated English wire harness buckles.
" 57. 2 " ¾ inch silver plated English wire harness buckles.
" 58. ½ " 1½ inch silver plated English wire trace buckles.
" 59. ½ " 1 inch silver plated English wire trace buckles.
" 60. 50 lbs. best curled hair.
" 61. 75 " indian red ground in oil.
" 62. 50 " coach black ground in japan.
" 63. 50 bbls. turpentine.
" 64. 1 doz. 6-paint brushes, pure bristles.
" 65. ½ " sash tools, No. 1.
" 66. ¾ " painters' dusters, large.
" 67. 50 bales oakum.

Proposals may be made for one or more of the above items, but must specify the net price only per piece, dozen, gross, pound, etc.

No proposals will be received after the hour named, or considered if not made in strict compliance with the terms of this advertisement.

All of the articles and materials (where not otherwise specially stated) are to be of the best quality of their respective kinds, according to samples or specifications, to be seen upon application, as follows: For all the items under the headings "Fire Alarm Telegraph" and "Supply Room," at these Headquarters, and for the items under "Repair Shops" at Nos. 130 and 132 West Third street. All the articles and materials are to be delivered during the current year, at such places, in such quantities, and at such times as may be directed.

Two responsible sureties will be required upon each proposal, amounting in the aggregate to one thousand dollars or more, who must each justify in one-half the amount thereof, upon the proposal prior to its presentation.

Proposals must be indorsed "Proposals for furnishing materials, supplies, etc.," with the name of the bidder, and be addressed to the Board of Commissioners of this Department.

Blank forms of proposals, together with such further information as may be required, may be obtained upon application at these Headquarters, where the prescribed form of contract may also be seen.

The Board of Commissioners reserves the right to reject any or all proposals received, or any part of such proposals, if deemed to be for the interests of the city.

VINCENT C. KING,
JOHN J. GORMAN,
CORNELIUS VAN COTT,
Commissioners.

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 price for each article, by which the bids will be tested.

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

Payment will be made by a requisition on the Comptroller, 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 form of the agreement, including specifications, and showing the manner of payment for the supplies, will be furnished at the office of the Department.

Dated May 31, 1879.
TOWNSEND COX,
THOMAS S. BRENNAN,
JACOB HESS,
Commissioners of the Department of
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, June 2, 1879.

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 Charity Hospital, Blackwell's Island—Owen Duran; aged 55 years; 5 feet 3 inches high; sandy hair; dark brown eyes. Had on when admitted, black coat and vest, gray pants, white shirt, black felt hat. Nothing known of his friends or relatives.

By Order,
JOSHUA PHILLIPS,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, May 31, 1879.

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 18, East river—Unknown man; aged about thirty years; 5 feet 7 inches high; brown hair. Had on dark coat and pants, white shirt, brown ribbed socks, gaiters. Letter found on his person addressed Johnny Wilder.

Unknown man, from Pier 19, East River; body very much decomposed; 5 feet 9 inches high. Had on black coat and vest, dark diagonal pants, red flannel shirt, white knit undershirt, gaiters, rubber shoes.
At Lunatic Asylum, Blackwell's Island—Frederica Rumpf; aged 54 years; 5 feet 2 inches high. Had on when admitted, black hat, brown dress, gray petticoat, shoes. Nothing known of her friends or relatives.

By Order,
JOSHUA PHILLIPS,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, May 29, 1879.

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 Hart's Island Hospital—Jacob Rensler; aged 86 years; 5 feet 10 inches high; blue eyes; gray hair. Nothing known of his friends or relatives.

By Order,
JOSHUA PHILLIPS,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, May 28, 1879.

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 Branch Lunatic Asylum, Hart's Island—Ellen Brophy; aged 47 years; blue eyes; gray hair. Nothing known of her friends or relatives.

By Order,
JOSHUA PHILLIPS,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, May 26, 1879.

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 foot of Forty-third street, North river—Unknown man; body in advanced state of decomposition. Had on dark coat and pants, boots.

Unknown man, from Pier 45, East river—body in advanced state of decomposition. Had on black check overcoat, blue and black mixed cardigan jacket, black cloth pants and vest, red flannel shirt and drawers, blue ribbed socks, gaiters.

At Work-house, Blackwell's Island—James McGuirk; aged 32 years. Committed March 18, 1879. Nothing known of his friends or relatives.

By Order,
JOSHUA PHILLIPS,
Secretary.

SUPREME COURT.

In the matter of the application of the Mayor, Aldermen, and Commonalty of the City of New York, relative to the opening of One Hundred and Fiftieth street, from Eighth avenue to the Harlem river, in the City of New York.

NOTICE IS HEREBY GIVEN THAT THE BILL of the costs, charges, and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court, in the Court-house in the City of New York, on the 16th day of June, 1879, at 11 o'clock in the forenoon.

Dated New York, June 3, 1879.
ROBERT SUTHERLAND,
GRATZ NATHAN,
JOHN H. HARNETT,
Commissioners.

In the matter of the application of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of Eighty-eighth street, from Eighth avenue to the new road or drive, and from Twelfth avenue to the Hudson river, where not already opened or ceded, in the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, the Department of Public Parks, for and on behalf of the Mayor, Aldermen and

Commonalty of the City of New York, hereby give notice that the Counsel to the Corporation will apply to the Supreme Court, in the First Judicial District of the State of New York, on Thursday the 26th day of June, 1879, at 11 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding, in the place and stead of James S. Hennessey, deceased.

New York, May 31, 1879.
WM. C. WHITNEY,
Counsel to the Corporation.

In the matter of the application of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of Ninety-first street, from Eighth avenue to the new road or drive, and from Twelfth avenue to the Hudson river, in the City of New York.

NOTICE IS HEREBY GIVEN THAT THE BILL of the costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court, in the Court-house, in the City of New York, on the twelfth day of June, 1879, at eleven o'clock in the forenoon.

Dated New York, May 31, 1879.
CHARLES PRICE,
H. M. GARVIN,
ANDREW D. PURTELL,
Commissioners.

In the matter of the application of the Department of Public Works, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title for the use of the public to lands included within the lines of One Hundred and Fifty-third street, from the easterly line of the new avenue, lying between Eighth and Ninth avenues to the Harlem river.

PURSUANT TO THE STATUTES OF THE State of New York, in such case made and provided, the Department of Public Works for and on behalf of the Mayor, Aldermen, and Commonalty of the City of New York, hereby gives notice that the Counsel to the Corporation of said city will apply to the Supreme Court in the First Judicial District of the State of New York, at a Special Term of said Court, to be held at the Chambers thereof, in the County Court-house in the City of New York, on Friday, the 20th day of June, 1879, at 11 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, to all the lands and premises with the buildings thereon and the appurtenances thereto belonging, required for the opening of One Hundred and Fifty-third (153d) street, being sixty feet wide from the easterly line of New avenue to the bulkhead; and more particularly bounded and described as follows:

Beginning at a point on the westerly line of Eighth avenue, distant four hundred and fifty-nine feet eight inches (459' 8") southerly from the southwest corner of One Hundred and Fifty-fifth street and Eighth avenue; thence westerly and parallel to said street, two hundred and thirty-seven feet, one and one-quarter inches (237' 1 1/4") to the easterly line of New avenue; thence southerly along the easterly line of New avenue sixty-one feet two and one-half inches (61' 2 1/2") thence easterly two hundred and twenty-five feet (225' 0") to the westerly line of Eighth avenue; thence northerly sixty feet (60' 0") to the point or place of beginning.

Also beginning at a point on the easterly line of Eighth avenue, distant four hundred and fifty-nine feet eight inches (459' 8") southerly from the southeast corner of One Hundred and Fifty-fifth street and Eighth avenue; thence easterly and parallel with One Hundred and Fifty-fifth street four hundred and ten feet (410' 0") to the westerly line of MacCombs Lane; thence southwesterly along the westerly line of MacCombs Lane sixty-eight feet three and three-quarter inches (68' 3 3/4") thence westerly three hundred and seventy-seven feet four inches (377' 4") to the easterly line of Eighth avenue, and thence northerly sixty feet (60' 0") to the point or place of beginning.

Also beginning at a point on the easterly line of MacCombs Lane, distant four hundred and fifty-nine feet eight inches (459' 8") southerly from the southerly line of One Hundred and Fifty-fifth street and five hundred and twenty-three feet (523') easterly from the easterly line of the Eighth avenue; running thence easterly and parallel with One Hundred and Fifty-fifth street two hundred and fifty-two feet (252' 0") to the westerly line of Seventh avenue; thence southerly and along the westerly line of Seventh avenue sixty feet (60' 0"); thence westerly two hundred and eighty-four feet four inches (284' 4") to the easterly line of MacCombs Lane; thence northerly along said last named line sixty-eight feet one and seven-eighths inches (68' 1 7/8") to the point or place of beginning.

Also beginning at a point on the easterly line of Seventh avenue, distant four hundred and fifty-nine feet eight inches (459' 8") southerly from the prolongation easterly in the line of its direction of the southerly line of One Hundred and Fifty-fifth street, and nine hundred and twenty-five feet (925' 0") easterly from the easterly line of Eighth avenue; thence easterly and parallel to said line of One Hundred and Fifty-fifth street, extended two hundred and forty-seven feet eleven and three-quarter inches (247' 11 3/4") to the bulkhead line; thence southeasterly along said bulkhead line seventy-one feet eight and one-half inches (71' 8 1/2") thence westerly two hundred and ninety feet (290' 0") to the easterly line of Seventh avenue; thence northerly along said easterly line of Seventh avenue, sixty feet (60' 0") to the point or place of beginning.

Dated New York, May 27, 1879.
WM. C. WHITNEY,
Counsel to the Corporation.

In the matter of the application of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of One Hundred and Thirty-eighth street, from Harlem river to Long Island Sound; and to the opening of One Hundred and Forty-ninth street, from Harlem river to the Southern Boulevard; and to the opening of Westchester avenue, from Third avenue to the city line at the Bronx river; and to the opening of Cliff street, from Third avenue to Union avenue; and to the opening of One Hundred and Sixty-first street, from Jerome avenue (late Central avenue) to Third avenue; and to the opening of One Hundred and Sixty-fifth street, from Boston avenue to Union avenue; and to the opening of Tinton avenue, from Westchester avenue to One Hundred and Sixty-ninth street; and to the opening of Prospect avenue, from One Hundred and Fifty-sixth street to the Southern Boulevard; and to the opening of Willis avenue, from One Hundred and Forty-seventh street to Third avenue; and to the opening of One Hundred and Forty-eighth street, from Third avenue to St. Ann's avenue; and to the opening of One Hundred and Fifty-sixth street, from Third avenue to Elton avenue; and to the opening and widening of Morris avenue, from Third avenue to Raibroad avenue at One Hundred and Fifty-sixth street, in the Twenty-third Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT THE BILL of the costs, charges, and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court, in the New Court-house, in the City Hall, in the City of New York, on the seventh day of June, 1879, at eleven o'clock in the forenoon.

Dated New York, May 24, 1879.
MEYER BUTZEL,
HENRY LEWIS,
JOSEPH BLUMENTHAL,
Commissioners.

In the matter of the application of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to opening Ninety-first street, from Eighth avenue to the New Road or Drive, and from Twelfth avenue to the Hudson river, in the City of New York.

IN PURSUANCE OF THE STATUTES IN SUCH case made and provided, notice is hereby given that our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held in the New Court-house, in the City of New York, on the 30th day of June, 1879, at 11 o'clock A. M. of that day, or as soon thereafter as counsel can be heard; and that a motion will be there and then made that the said report be confirmed.

Dated New York, May 22, 1879.
CHARLES PRICE,
ANDREW D. PURTELL,
HENRY M. GARVIN,
Commissioners.

In the matter of the application of the Mayor, Aldermen, and Commonalty of the City of New York, relative to the opening of One Hundred and Forty-fourth street, from Eighth avenue to the Harlem river, in the City of New York.

PURSUANT TO THE STATUTES IN SUCH CASE made and provided, the Mayor, Aldermen, and Commonalty of the City of New York hereby give notice that the Counsel to the Corporation will apply to the Supreme Court, in the First Judicial District of the State of New York, on Monday, the 16th day of June, 1879, at eleven o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding, in the place and stead of Joel A. Fithian.

NEW YORK May 21, 1879
WM. C. WHITNEY,
Counsel to the Corporation.

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 assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

No. 1. Regulating, grading, setting curb and gutter stones and flagging in Ninth avenue, from Seventy-second to Eighty-first street.

No. 2. Paving Seventy-seventh street, between Third avenue and Avenue A, with Belgian pavement.

No. 3. Sewers in Greenwich avenue, between Thirtieth street and Eighth avenue, and in Bank street, between Waverly place and Greenwich avenue.

No. 4. Flagging north side of Fifty-ninth street, between Madison and Fifth avenues.

No. 5. Receiving-basin on the northwest corner of First street and Extra place.

No. 6. Sewer in One Hundred and Nineteenth street, between Fifth avenue and summit west of Fifth avenue.

No. 7. Receiving-basins on the southwest corner of Fifty-fourth street and Avenue A, and on the northwest corner of Fifty-fifth street and Avenue A.

No. 8. Paving Fifty-third street, between Broadway and Seventh avenue, with Belgian pavement.

No. 9. Receiving-basins on the northwest corner of Bloomfield street and Tenth avenue, and Little West Twelfth street and Tenth avenue.

No. 10. Sewer in Eleventh avenue, between Sixty-sixth and Seventy-sixth streets, with branches in Sixty-sixth, Sixty-eighth, Sixty-ninth, Seventy-first, Seventy-second, and Seventy-third streets, with connection of present sewer in Seventeenth street.

The limits embraced by such assessment include all the several houses and lots of ground, vacant lots, pieces and parcels of land, situated on—

No. 1. Both sides of Ninth avenue, between Seventy-second and Eighty-first streets, and to the extent of one-half the block at the intersection of Seventy-third, Seventy-fourth, Seventy-fifth, Seventy-sixth, Seventy-eighth, Seventy-ninth, Eightieth, and Eighty-first streets.

No. 2. Both sides of Seventy-seventh street, between Third avenue and Avenue A, and to the extent of one-half the block at the intersecting avenues.

No. 3. East side of Greenwich avenue, between Horatio street and Eighth avenue, and both sides of Bank street, extending two hundred feet west of Greenwich avenue.

No. 4. North side of Fifty-ninth street, between Madison and Fifth avenues.

No. 5. East side of Bowery and west side of Extra place, between First and Second streets, and north side of First street, between Extra place and the Bowery.

No. 6. Both sides of One Hundred and Nineteenth street, between Fifth and Sixth avenues.

No. 7. South side of Fifty-fourth street, between Avenue A and First avenue, and east side of First avenue, between Fifty-third and Fifty-fourth streets; also, block bounded by Fifty-fifth and Fifty-sixth streets, Avenue A and First avenue.

No. 8. Both sides of Fifty-third street, between Broadway and Seventh avenue, and to the extent of one-half the block at the intersection of Broadway and Seventh avenue.

No. 9. West side of Tenth avenue, between Bloomfield and Thirtieth streets, and north side of Bloomfield street, and both sides of Little West Twelfth street, between Tenth and Thirteenth avenues.

No. 10. Both sides of Eleventh avenue, between Sixty-sixth and Seventy-sixth streets, and both sides of Sixty-seventh, Sixty-eighth, Sixty-ninth, Seventy-first, Seventy-second and Seventy-third streets, between Tenth and Eleventh avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 114 White street, 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 27th day of June ensuing.

THOMAS B. ASTEN,
JOHN MULLALLY,
EDWARD NORTH,
DANIEL STANBURY,
Board of Assessors.

OFFICE BOARD OF ASSESSORS,
No. 114 WHITE STREET (COR. CENTRE),
NEW YORK, May 27, 1879.

NOTICE IS HEREBY GIVEN THAT THE FOLLOWING Assessment Lists have been received by the Board of Assessors from the Commissioner of Public Works:

No. 1.—Sewers (extension of) Forty-fourth and Forty-fifth streets, at Hudson river, with alterations to existing sewers in Sewerage District No. 2. \$11,007 22

No. 2.—Paving Eighty-first street, between Fourth and Fifth avenues. 3,612 78

No. 3.—Fencing Sixty-ninth and Seventieth streets, and Lexington and Fourth avenues. 143 84

Total. \$14,763 84

WM. H. JASPER,
Secretary.

OFFICE BOARD OF ASSESSORS,
No. 114 WHITE STREET (CORNER CENTRE),
NEW YORK, May 27, 1879.

FINANCE DEPARTMENT.

DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS,
No. 16 NEW COURT-HOUSE, CITY HALL PARK,
NEW YORK, June 2, 1879.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTIFIED that the following assessment lists were received this day in this Bureau for collection:

CONFIRMED AND ENTERED MAY 29, 1879.

76th street, paving, from 8th avenue to Riverside Park.
10th avenue, sewer, between 77th and 81st streets, with branches in 77th, 78th, 79th, and 80th streets.
57th street, sewer extension at East river.
70th street, basin, northeast corner 5th avenue.
68th street, paving intersections of 4th avenue.
Fordham avenue, crosswalk near 11th street (24th ward).

All payments made on the above assessments on or before Aug. 1st, 1879, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of entry.

The Collector's office is open daily, from 9 A. M. to 4 P. M., for the collection of money, and until 4 P. M. for general information.

EDWARD GILON,
Collector of Assessments.

WILLIAM KENNELLY & HUGH N. CAMP,
Auctioneers.

CORPORATION SALE OF REAL ESTATE.

PUBLIC NOTICE IS HEREBY GIVEN THAT BY virtue of the powers vested in the Commissioners of the Sinking Fund of the City of New York, they will offer for sale, at public auction, on Thursday, April 24, 1879, at noon, at the Exchange Salesroom, No. 111 Broadway, in the City of New York, the following real estate belonging to the Corporation of the City of New York, viz:

No. 18 Renwick street.
No. 128 East 50th street.
Lots Nos. 13, 14, 15, Harlem market property, south side 121st street, near Third avenue.

West side 3d avenue, between 67th and 68th streets, lots Nos. 1 to 7.
South side 68th street, between 3d and Lexington avenues, lots Nos. 10 to 16.

East side Lexington avenue, between 67th and 68th streets, lots Nos. 22 to 25.

North side 67th street, between Lexington and 3d avenues, lots Nos. 26 to 33.

Lithographic maps of the above real estate may be obtained at the Comptroller's office at the New County Court-house, on and after April 15, 1879.

Full warrant deeds will be given to all purchasers.

COMPTROLLER'S OFFICE,
NEW COUNTY COURT-HOUSE,
March 24, 1879.

JOHN KELLY,
Comptroller.

The sale of the above premises is adjourned to Thursday, June 12, 1879, at the same hour and place.

NEW YORK—COMPTROLLER'S OFFICE,
NEW COUNTY COURT-HOUSE,
May 22, 1879.

JOHN KELLY,
Comptroller.

DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS,
FIRST FLOOR (NEW WING), NEW COURT-HOUSE,
CITY HALL PARK,
NEW YORK, April 25, 1879.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTIFIED that the following assessment lists were received this day in this Bureau for collection:

CONFIRMED AND ENTERED APRIL 18, 1879.

94th street, sewer, between 3d and 4th avenues, and in 4th avenue, east side, between 93d and 94th streets.
96th street, regulating, grading, etc., from Boulevard to Hudson river.

88th street, regulating, grading, setting curb and gutter stones, and flagging, between 1st avenue and Avenue A.

100th street, regulating, grading, setting curb and gutter stones, and flagging, between Bloomingdale road and the Boulevard.

West street, sewer, between Barclay street and Park place.

70th street, sewer, between 1st and 2d avenues.

12th avenue, paving, from 30th to 65th street.

108th street, paving, from 4th to Madison avenue.

120th street, paving, between 2d and 3d avenues.

4th avenue, crosswalks, at 107th, 108th and 109th streets.

All payments made on the above assessments on or before June 24, 1879, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of entry.

The Collector's office is open daily, from 9 A. M. to 4 P. M., for the collection of money, and until 4 P. M. for general information.

EDWARD GILON,
Collector of Assessments.

DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS,
FIRST FLOOR (NEW WING), NEW COURT-HOUSE,
CITY HALL PARK,
NEW YORK, April 12, 1879.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTIFIED that the following assessment list was received this day in this Bureau for collection:

CONFIRMED MARCH 28, ENTERED APRIL 12, 1879.

One Hundred and Twenty-seventh street opening, from the northeasterly line of Lawrence street, parallel with One Hundred and Twenty-sixth street, to the westerly side of a road or avenue, closed by chapter 290, section 10, Laws of 1871.

All payments made on the above assessment on or before June 11, 1879, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of entry.

The Collector's office is open daily from 9 A. M. to 4 P. M., for the collection of money, and until 4 P. M., for general information.

EDWARD GILON,
Collector of Assessments.

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 1653 to 1875, prepared under the direction of the Commissioners of Records.

Grantors, grantees, suits in equity, insolvents' and Sheriffs' sales, in 61 volumes, full bound, price. \$100 00

The same, in 25 volumes, half bound. 50 00

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Orders should be addressed to "Mr. Stephen Angell, Comptroller's Office, New County Court-house."

JOHN KELLY,
Comptroller.