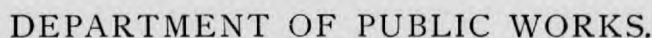


# OFFICIAL JOURNAL.

NUMBER 1,048.



DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,  
NEW YORK, November 11, 1876.

EXPENDITURES.

Grand total .....	\$1,132,657 75
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BUREAU OF CHIEF ENGINEER.

### THE WATER SUPPLY.

During both of the years 1869 and 1870 such was the severity of the drought, that the attention of the then Commissioner of Public Works and of the Chief Engineer was called to the necessity not only of completing at the earliest day possible the reservoir at Boyd's Corners, which was in progress, but also of constructing another reservoir.

Nor would it be necessary or wise, as proposed by others, to raise the brackish water of the Hudson at Poughkeepsie, to the summit of the high land which divides the Hudson from the great central



valley running through Dutchess and Putnam counties; thence to be conveyed by aqueduct or pipes and discharged into the Croton basin.

When this imperial city shall have doubled or trebled its present population, it may become necessary to seek other supplies than those contemplated by the able projectors of the present water system of New York, or it may then, and even before that time, be found practicable to curtail the waste and loss which beyond all doubt attend the use of water in this city.

Looking to the future we have the consolation of knowing that London, with nearly four millions of inhabitants, gets along very well on one hundred and twenty-five million gallons of water daily, an amount very little more than that consumed in New York, with its population of twelve hundred thousand.

And when we reflect that we can command within our present system, by proper and timely works and appliances, two hundred and fifty million gallons daily, or double the quantity now consumed in London, there does not seem to be any cause for great anxiety on this vital question of a water supply.

Though there have been many cases of inconvenience and discomfort in different parts of the city, during the present drought, yet the scarcity in a general sense has been comparative rather than absolute.

The minimum quantity of water delivered daily has been about seventy million gallons, or sixty-five gallons per inhabitant, being more than the regular supply in several of the largest cities of the United States, and far beyond that of the great cities of Europe, as appears from the following table: Daily consumption per inhabitant in—

Buffalo .....	63 gallons.	Baltimore .....	50 gallons.
Brooklyn .....	60 "	Glasgow .....	52 "
Boston .....	60 "	Paris .....	38 "
St. Louis .....	60 "	London .....	33 "
Philadelphia .....	56 "	Liverpool .....	30 "
Cincinnati .....	53 "		

In consequence of the generally abundant supply of water in this city, and of its waste in numerous ways, through inattention and carelessness, an unexpected limitation and a demand for greater care and economy, are naturally regarded with discontent and dissatisfaction.

It is doubtless true, that in some of the more elevated parts of the city, much inconvenience has been experienced.

The long continued drought caused a serious reduction of the water level in the city reservoirs, and though the aggregate supply was still large, the diminished head of water could not easily be recovered.

One method by which this evil may in good part be avoided in future, is to extend what is known as the high-service system, and which has given so much satisfaction wherever it has been applied.

Early measures will be taken for the erection of another powerful engine, which, with that now in operation, will probably give accommodation to all the elevated districts.

The expense of such a work will be small, in comparison with the advantages to be gained.

The following table shows the sources from which water has been drawn during the dry season of the present year:

*Estimated Amount of Water drawn from Reservoirs and Lakes in Putnam and Westchester Counties, from June 27 to November 1, 1876.*

NAME OF LAKE.	AVERAGE AREA DRAWN FROM.	DEPTH DRAWN DOWN.	NO. OF GALLONS DRAWN.
	ACRES.		
Boyd's Corners Storage Reservoir.....	280	57 feet at dam.	2,775,000,000
Lake Mahopac.....	575	3 1/2 feet.	605,000,000
Lake Glencida.....	170	3 1/2 "	195,000,000
Lake Gilead.....	110	10 1/2 "	380,000,000
Kirk Lake.....	80	5 "	130,000,000
Barrett Pond.....	60	7 1/2 "	150,000,000
China Pond.....	45	3 "	120,000,000
White Pond.....	110	8 "	110,000,000
Pine Pond.....	75	1 "	25,000,000
Haines Pond.....	40	2 1/2 "	40,000,000
Lake Waccabuc.....	200	5 "	195,000,000
Cross Pond.....	125	2 "	205,000,000
Peach Pond.....	220	.....	5,000,000
Long Pond.....	50	.....	.....
Brown's Mill-pond.....	10	2 "	5,000,000
Totals.....	2,150	.....	4,970,000,000

Amongst the erroneous views entertained by some, as to the sources of our water supply, is that in regard to the Croton lake, an artificial body of water formed by the dam at the head of the Croton Aqueduct.

It has been stated that this lake is decreasing in depth from the deposit of silt brought down by the Croton river, and thus diminishing the available quantity of water.

The Croton dam is forty feet high, and it should be remembered that the aqueduct draws from the surface of the lake and not from the bottom, so that even in case of a large deposit, the amount of water to be drawn from this lake is not effected, except at its head, where it is narrow and shallow.

In order to ascertain the truth in regard to the deposit of earthy matter in the Croton lake, soundings have recently been taken, with the result reported by the Engineer, Mr. Church, as follows:

"There was no evidence of any mud deposit from the lip of the dam, for five hundred feet up the lake. Over this area I found hard gravel and rock bottom, which was so clean that the sounding weight brought up no sediment.

"No sediment is apparent to any extent within a mile of the entrance of the conduit. It seems to be confined to the upper end of the lake and the mouths of the larger streams, none of which are within one and a-half miles of the dam."

Some erroneous statements have also been made, in respect to the purity of the Croton water, as being affected by manufacturing establishments upon the river or its tributaries, while in fact throughout the whole distance, from the lakes in Putnam County to the head of the Aqueduct, there is but one small hat factory and a few grist and saw mills.

The country drained by the Croton, is entirely agricultural, and its waters are correspondingly pure and healthy.

The disagreeable taste of the water during a part of the last summer probably arose from the low stage of the water and the presence of the nostoc or other vegetable matter, and not from the impurities of manufacturing works, as has been alleged.

Had an abundant reserve in storage reservoirs been at our command, so that a considerable volume might be thrown into the river when at its lowest stage, I believe the evil alluded to, could have been much alleviated.

In concluding this branch of my report, I would state, that without loss of time, surveys will be made, and plans prepared, for another storage reservoir, in addition to that now in course of construction, so as to be in readiness to put it under contract in ample time to meet the increasing demands of the city.

While a large and liberal supply of water for this great city is demanded by every consideration of health, comfort, and safety, yet, such has become the habitual wastefulness in its use of late years, that the most reasonable suggestions in reference to care and economy are regarded with displeasure, and as an invasion of vested rights. That water should be free as air is a fine sounding phrase, but, except, in a modified sense, it is no more true than that food, fuel, clothing, or even money, should be placed upon the free list. The atmosphere we breathe is indeed supplied by nature free to all, but to provide the many wants and comforts of man, including the necessary element of water, it is ordered that labor must be employed and means furnished. With regard to water, it is often necessary to sink wells, erect machinery, construct reservoirs and aqueducts, lay down pipes, and numerous other works, in the procurement of a sufficient supply.

These works are costly, nearly thirty-one million dollars having been expended in this city for the present water system, and millions more must be added as the city grows in population. The charge for interest on the outstanding debt, maintenance and necessary new works, is now not less than two million dollars annually. Water, therefore, cannot be spoken of as free, inasmuch as this charge must be met, and it falls in the shape of water-rents and taxes directly or indirectly upon every inhabitant of the city.

It is the duty of the municipal government to provide in the best and most economical manner, an ample and even superabundant supply of water for all the wants of this great city, and to see to it that no deficiency shall arise. It is the duty, as it is the interest, of citizens to avoid unnecessary waste; to obey the ordinances regulating its use; to build houses with strong pipes and plumbing, with stop-cocks and all necessary appliances to prevent loss and waste. The city government enforces the ordinance that all buildings shall be made fire-proof to a certain degree, and that walls shall be of prescribed thickness, etc., etc. There seems to be no good reason why it should not regulate the quality of water pipes, plumbing, etc., within the buildings, and thus prevent a large amount of leakage and waste. Though the authorities may control the use of water in the streets and at docks, stables, hydrants and large manufacturing establishments, yet, after all, a very large share of the waste occurs in the interior of the one hundred thousand buildings which make up the city.

Although, as previously stated, the subject of an additional aqueduct or other conduit will be treated of in a special report, I deem it proper now, and while the attention of all is directed to the

water supply, to say that it is the opinion of many citizens who have given the subject study and reflection, that, independent of the fact that the present aqueduct is approaching its maximum capacity, considerations of prudence and safety call for the provision of another conduit. In this opinion I concur. The interests at stake are so large, that nothing should be left undone, so far as human foresight can extend, to guard against the hazard of an interruption to the supply of the city with water. It is true, the present aqueduct has remained unbroken for a third of a century. But the day may come when, by flood or avalanche or some unforeseen cause, serious breaches will occur, in which event the consequences would be disastrous in the extreme, and even in a pecuniary sense, would entail losses infinitely beyond the cost of an additional aqueduct.

#### BUREAU OF WATER PURVEYOR.

The contract system in laying Croton pipes having been tested and found to work satisfactorily and economically, the force of men employed by the Department on this work has been reduced to a minimum, a small force only being retained to finish up work previously commenced, and to perform such small jobs as cannot be profitably or conveniently let by contract.

Three repair gangs have been kept in employment to keep in order the pipes, stop-cocks, and public hydrants throughout the city.

#### Street Pavements.

Sixteen paving contracts, covering 50,122 square yards of new stone-block pavements, have been completed.

In my last quarterly report I dwelt at some length on the condition of the pavements, and the necessity of providing adequate means for repairs and repavements.

Although the appropriation for this year is now nearly exhausted, and every care has been taken to expend it with proper economy, favored by the cheapness of material, so as to cover the greatest possible amount of work, the Department was unable to meet the demand for repairs. Many streets are in such condition that mere repairs are useless, and entire repavement is the only proper remedy. This must be postponed until the appropriation of \$500,000, under the law 1875, which I have asked the Board of Estimate and Apportionment to set apart for the year 1877, becomes available.

To enable the Department to continue the repairs until winter sets in, the Board of Estimate and Apportionment, at my request, has transferred the sum of \$20,000 from other appropriations, from which, by careful economy, that amount can be spared, to be applied to pavement repairs. To ameliorate to some extent the wretched condition of the roadway of Seventh avenue, the money so obtained will be partly applied to the repaving of the avenue at the intersections with other streets.

#### BUREAU OF STREET IMPROVEMENTS.

Twelve contracts for regulating, grading, curbing, guttering and flagging streets have been completed during the quarter, and seventeen contracts are now in progress.

The following are the principal items of work done:

37,237 cubic yards rock excavated.
4,612 " " " earth " "
85,824 " " " filling put in embankments.
22,226 lineal feet curb and gutter set.
167,220 square feet flagging laid.
3,319 lineal feet board fence built.

The progress of this work opens new means of communication in the unpopulated parts of the city, and makes vacant territory accessible and available for occupation. Many property owners are anxious that advantage be taken of the present low prices of labor and material by a general prosecution of the street improvements which are necessary before their property can be made remunerative by the erection of buildings. As all this work is done under ordinances, this Department being merely the agent for their execution, the question how far this demand shall be met must be determined by the Common Council.

#### BUREAU FOR THE CONSTRUCTION OF ROADS AND AVENUES.

In consequence of the near completion of the improvements carried on under this Bureau, and to effect a large saving of expense to the taxpayers, the Bureau was abolished at the close of the quarter, and its duties assigned to the Bureau of Sewers, of Street Improvements, and of the Water Purveyor. The force employed on construction work was reduced to 156 men and teams, who are finishing up such works as could not profitably be let by contract after I assumed charge of this Department.

The supposition which seems to have prevailed heretofore, that Telford-Macadam or Boulevard roadways could only be properly constructed under the day's work system has been dispelled by the successful completion of the roadway in One Hundred and Twenty-fourth street, between Sixth and Seventh avenues, by contract, and the satisfactory progress on two other contracts for Macadam roadways, in One Hundred and Sixteenth street, between Sixth and Seventh avenues, and in One Hundred and Fifty-second street, between Avenue St. Nicholas and the Boulevard. The work is fully equal to that done by day's labor, and the cost is much less.

#### BUREAU OF SEWERS.

During the quarter 6,631 lineal feet of sewers, 331 lineal feet of culverts, and 8 receiving basins were built.

A contract has been made for the construction of a new sewer in Forty-second street, from Third avenue to the East river, which will give relief to a large and densely populated district which has heretofore suffered from imperfect drainage and from the flooding of cellars after heavy rain-falls. For the greater portion of this sewer a tunnel will have to be cut through the high rock to the river.

A large amount of work has been done in cleaning and repairing sewers, all complaints of defects in drainage being immediately examined and remedied. Notwithstanding the constant extension of the sewerage system, the expense of maintaining it has been diminished by the exercise of careful supervision and economy.

#### BUREAU OF LAMPS AND GAS.

The number of public lamps has been increased from 20,104 on July 1 to 20,228 on September 30.

Constant additions are being made to the gas pipes in the streets, thus increasing the frequency of interruption to travel, and the interference with street pavements by the excavations for, laying and repairing pipes and making house connections. This evil is compensated by the advantage of competition in the quality and price of gas, as most of the streets in the densely populated part of the city are now supplied with gas by more than one company. Two new companies have recently made application for permission to lay gas-mains, but in one instance at least the authority of the company to use the public streets for that purpose appears to be wanting.

#### BUREAU OF REPAIRS AND SUPPLIES.

In addition to the usual repairs to the various public buildings, the Department has carried out such measures for improving the ventilation of the New Court-house as were within the limited means at its command. The basement and cellars were thoroughly cleaned; the air ducts for the introduction of fresh air were extended and inclosed, so as to carry pure air from outside the building without bringing it into contact with that in the cellars and basement; the stairways leading from the cellars were inclosed; the hot air-flues cleaned, and the soil pipes from closets extended to the roof; the position of the hot and cold air-flues and registers in the Chambers of the Supreme Court was changed with good effect.

The last of the four new public baths was completed on the 30th of September, and only two of them were finished in time to be brought into use this season. These were located, respectively, at the foot of Thirty-seventh street, North river, and at Gouverneur slip, East river, and were at once patronized to their full capacity.

From the contract price, of \$27,600 for the four baths, the sum of \$3,875 was deducted as penalty for delay, or, at the rate of \$25 per day for each bath, as provided in the contract.

#### BUREAU OF STREETS.

The country roads and unpaved streets in the upper part of the city, which are under the care of this Bureau, have been maintained in fair condition for travel, the appropriation for this year being too limited to afford means for desired and necessary improvement on Kingsbridge road, and on other main thoroughfares. Should the Board of Estimate and Apportionment grant the amount estimated by me as necessary for these purposes for the year 1877, the Department will be able to make substantial improvements on Kingsbridge road, and on other avenues of travel, where they are needed.

#### BUREAU OF INCUMBRANCES.

Special attention was paid during the last quarter to the removal of dangerous telegraph-poles and dead trees.

To fix the responsibility for the danger and damage caused by rotten telegraph-poles, the owners are required, under a recent ordinance of the Common Council, to brand their names upon their respective poles. The notices of the Bureau for the removal of obstructions on streets and sidewalks are now generally complied with. Only eighty removals of articles were necessary to be made after service of notice, at an expense of \$185.50, and \$125.90 was received for expenses incurred on articles redeemed.



BUREAU OF WATER REGISTER.

The following amounts have been collected by this Bureau, during the quarter, for the use of Croton water:

For water rents.....	\$719,486 07
" penalties on water rents.....	3,104 35
" tapping Croton pipes.....	1,447 00
Total.....	\$724,037 42

The total amount collected from January 1 to September 30, 1876, is.....\$1,132,919 57

For the details of expenditures, the condition of the several appropriations, and other information, I beg to refer to statements A and B, and to the reports of the several Bureaux in the Department, hereto annexed.

Very respectfully,  
ALLAN CAMPBELL,  
Commissioner of Public Works.

APPENDIX.

Communication of the Commissioner of Public Works to the public, relative to the Croton Water supply.

DEPARTMENT OF PUBLIC WORKS,  
October 18, 1876.

I am induced by the numerous complaints of citizens and the comments of the public press, in regard to the limited supply of Croton water in this city, to make an official statement on the condition of the water supply and the causes of its present limitation. In my report to the Mayor for the quarter ending June 30, the general question of the water supply was discussed and a statement made of the works completed and in progress at the sources of the Croton for storing water in order to meet the demand when the natural flow of the Croton, by reason of drought, fails to furnish a sufficient quantity. In that report it was stated, first, that the aqueduct has sufficient capacity to afford a liberal supply to the present population if inexcusable waste can be avoided; and, second, that the water shed of the Croton valley has an area adequate with proper storage of its drainage and by the aid of additional conduit, to meet the demand of the city for generations to come. I also stated that the steady and rapid growth of New York would soon call either for the early construction of a new aqueduct, the maximum capacity of the existing one having been reached, taking the rate of present consumption as a guide, or a resort to meters to restrict the use, the latter remedy being, in my opinion, objectionable in many respects. Although the public generally are aware of an extraordinary drought during the past summer, it is probably not known that from June until the present time, a period of over four months, the drought in the Croton valley and its tributaries has been unexampled within the past fifty years. Since the 22d of June no water has run over the Croton dam except for the short space of four days. The Croton river itself has dwindled to the dimensions of a mere brook, and resort has necessarily been had to the artificial reservoirs at Boyd's Corners, and to the natural lakes of Westchester and Putnam counties.

During this period of unprecedented drought 4,470,000,000 gallons of water have been drawn from the water stored up in these basins. Although we had every reason to anticipate relief from summer showers and autumnal rains, the attention of the department has been unremitting in procuring such additional supplies as could by any possibility be commanded. Lakes hitherto not possessed by the city have been purchased or leased, their outlets cut down and large volumes of water thus added to the Croton river.

These purchases and works, while affording indispensable relief in the present extremity, will forever remain a useful and necessary part of the water system of the city.

The rain-fall, as registered in Putnam county, from June 1 to the present time, has been as follows: In June, 2.52 inches; in July, 3.42 inches; in August, 1.20 inches; in September, 5.21 inches; in October (eighteen days), 1.37 inches.

The September rains may be said to have been entirely absorbed by the parched earth, as only one-fourth of an inch was drained into the receiving-basins.

The combined storage capacity of the single artificial reservoir yet completed, and of the natural lakes possessed by the city, including those recently acquired, is about 5,000,000,000 gallons.

On taking charge of this Department, in February last, I found an additional reservoir in course of construction on the middle branch of the Croton in Putnam county, which had recently been put under contract, but upon which comparatively little work had been done.

This work is now in progress, but fifteen months will be required for its completion. It will hold 4,000,000,000 gallons, which, in addition to the amount previously stated, will insure an ample supply even in a season of drought equal to that through which we are passing. I shall urge its completion at the earliest possible day.

Other reservoirs can and must be constructed at the sources of the Croton, as the city grows in extent and population.

It is the duty of the Department, and its head should be held responsible for the great trust, to see that these works are started and completed, not only in good time, but before even the possibility of inadequate supply shall arise.

Elaborate and careful surveys of the Croton water shed were made a few years since by the Croton Aqueduct Department, under the direction of Mr. Craven. The maps and records are on file in this Department, from which new dams and reservoirs can be projected and put under contract from time to time as required. I reiterate the statement made in my late quarterly report to the Mayor, after describing the region at "the sources of the Croton," "that there can be no cause for apprehension as to the elementary question of an abundance of pure water for a city of vast proportions," and I add that from this source the supply must come as the most available and economical.

In my report I discussed briefly the question of a new aqueduct and gave my opinion in favor of such a work, in preference to a resort to a system of meters to be placed in every house in order to restrict the use of water, but expressed the hope, that in view of the present burdensome taxation, the great expense of an additional aqueduct might be postponed for a few years.

I am satisfied that early steps should be taken to prepare for the construction of such a work, and the next season can properly be devoted to the necessary surveys and preparations of plans, both scientific and financial, for its consummation. I estimate the cost of a new aqueduct, including the accessory works of reservoirs and distributing pipes, at \$20,000,000, and the time for its completion at four years. The city will at the expiration of this period have increased so much in population that an additional supply will be needed.

Large as is the sum required for this improvement, I believe the citizens of New York will cheerfully bear the cost in view of the benefits which it will afford provided they can be assured that the money will be honestly expended.

From what has now been stated, the cause of the present short supply of water will be apparent. The ordinary daily consumption at this season would be 100,000,000 gallons, whereas the present supply is but 70,000,000 gallons, more than one-half of which is drawn from the reservoirs in Putnam County and Westchester County. This supply is under the control of the Department, and it is deemed prudent, in view of the limited quantity still in store and a possibility of a continuance of the drought, to restrict the supply to the amount stated, although it is to be hoped, and there is reason to believe, that relief will come from rains at any day. It is better by economy to suffer at present partial evil than by extravagance to run the hazard of a still greater infliction.

The Department is now engaged in securing additional present supplies from the lakes by further purchases and by depressing still more the outlets of those which will bear it, and, notwithstanding the grave aspect of the question, I am in hopes that the serious evil of a water famine will be averted.

That the water does not rise as high as usual in many houses is due to the lower level of the city reservoirs, consequent upon the reduced supply from the Croton river and valley, and can only be remedied by copious rain-falls. The high-service supply which is intended to accommodate certain elevated parts of the city is very beneficial and useful.

I have caused an examination to be made of the whole city and I propose to extend the high-service system to other elevated portions not now thus accommodated.

The expense will be insignificant in comparison with the advantages to be obtained.

It is proper to add that the question of a new aqueduct has no connection with the present limited supply, as the aqueduct is now only used to about two-thirds of its existing capacity. The deficiency arises from the extraordinary drought and not from deficiency of conduits. The views I have presented on the subject of a new aqueduct have reference to the necessities of a growing population, and an increase in commerce and manufacture.

(Signed) ALLAN CAMPBELL,  
Commissioner of Public Works.

Appendix "A,"

Showing Titles of Appropriations; Amount of Appropriations and Transfers for 1876; Expenditures of first Six Months, 1876; Expenditures of Third Quarter, 1876; Balances, October 1, 1876; and the Titles and Condition of the "Trust Accounts."

TITLES OF APPROPRIATIONS.	Appropriations and Transfers.	EXPENDITURES.		Balances, Oct. 1, 1876.
		First Six Months.	Third Quarter.	
Aqueduct—Repairs and Maintenance.....	\$100,000 00	\$50,845 19	\$14,332 05	\$34,822 76
Boulevard, Roads and Avenues, Maintenance of.....	45,000 00	21,145 56	14,064 96	9,789 48
Contingencies—Department of Public Works.....	4,000 00	818 44	1,830 20	1,351 36
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....	1,000 00	.....	76 14	923 86
Free Floating Baths.....	8,000 00	2,697 43	3,026 60	2,275 97
Lamps and Gas.....	699,750 00	304,953 03	158,930 04	235,857 33
Paving Ways at Washington Market.....	.....	.....	689 90	.....
Public Buildings—Construction and Repairs.....	45,000 00	17,002 63	8,252 40	19,744 97
Public Drinking Hydrants.....	2,500 00	1,261 43	1,011 86	226 71
Removing Obstructions in Streets and Avenues.....	2,000 00	467 80	201 00	1,331 20
Repairing and Renewal of Pipes, Stop-cocks, etc.....	75,000 00	31,632 42	19,970 00	23,397 58
Repairing and keeping in order Wooden Pavements.....	50,000 00	14,317 05	24,904 90	10,778 05
Repairing Stone Pavements.....	100,000 00	35,292 31	44,560 42	20,147 27
Roads and Avenues, and Sprinkling.....	20,000 00	8,472 72	5,595 38	5,931 89
Salaries—Department of Public Works.....	110,000 00	55,078 00	27,025 43	27,896 57
Sewers, Repairing and Cleaning.....	100,000 00	33,351 92	16,237 56	50,410 52
Street Improvements—For Street Signs, etc.....	2,000 00	.....	999 00	1,001 00
Supplies for and Cleaning Public Offices.....	70,235 00	35,190 65	10,833 28	24,211 07
Wells and Pumps, Repairing and Cleaning.....	1,250 00	908 00	85 50	256 50
SPECIAL ACCOUNTS.				
Additional Free Floating Baths.....	60,000 00	.....	1,099 41	58,900 59
Printing, Stationery, and Blank Books.....	7,102 33	7,102 33	.....	.....
Salary—Janitor, Police Court.....	500 00	500 00	.....	.....
City Contingencies.....	1,104 71	.....	104 71	1,000 00
Totals.....	\$1,504,442 04	\$621,037 52	\$353,839 74	\$530,254 68

\* Liability of 1875 paid third quarter, 1876.

TRUST ACCOUNTS.	Amount called for by Commissioner of Public Works.	Amount expended to January 1, 1876.	Amount available January 1, 1876, and since.	Expenditures, First Six Months, 1876.	Expenditures, Third Quarter, 1876.	Balance Available October 1, 1876.
Additional Alterations of Aqueduct, Ninety-third to One Hundred and Thirtieth street.....	\$3,600,000 00	\$3,531,979 63	\$146,477 37	\$43,900 78	\$8,277 84	\$94,298 75
Additional Alterations of Aqueduct, One Hundred and Eighteenth to One Hundred and Forty-second street.....	100,000 00	50,254 06	49,745 94	.....	.....	49,745 94
Boulevard, Roads, etc.—Assessment Fund.....	.....	.....	.....	408,461 38	58,579 11	.....
Croton Water Works Extension—High Service, Carmansville.....	185,990 84	163,925 72	22,065 12	.....	80 00	21,985 12
Croton Water Works Extension—Storage Reservoir.....	127,729 29	127,418 02	311 27	.....	.....	311 27
Croton Water Fund.....	1,100,000 00	636,131 97	463,868 03	46,518 57	27,566 20	389,783 26
Croton Water-main Fund.....	3,750,000 00	3,498,453 05	251,546 95	74,391 10	130,113 65	47,042 20
Croton Water-main Fund, No. 2.....	420,000 00	420,000 00	.....	68,800 14	214,405 18	136,794 68
Water Stock.....	1,000,000 00	700,000 00	300,000 00	.....	.....	300,000 00
Pavement Repair Stock.....	50,000 00	50,000 00	.....	.....	.....	50,000 00
Sewer Repair Stock.....	373,000 00	279,327 42	93,672 58	20,109 55	.....	73,563 03
Street Improvement Fund.....	.....	.....	.....	867,347 75	339,796 93	.....
Water Stock of 1870.....	500,000 00	499,914 37	85 63	.....	.....	85 63

C. T. McCLENACHAN, First Bookkeeper.

Appendix "B."

A Statement in detail of all Requisitions drawn on the Comptroller by the Department of Public Works, during the Quarter ending September 30, 1876.

APPROPRIATIONS.

Aqueduct—Repairs and Maintenance—	
Building bridges.....	\$100 00
Hardware.....	122 38
Lumber.....	396 90
Miscellaneous expenses.....	494 41
Paints and oils.....	647 35
Pay-rolls.....	12,010 46
Repairing building.....	42 50
" machinery.....	60 41
" tools.....	24 21
Rope.....	14 26
Tallow.....	42 71
Taxes.....	82 85
Tools.....	243 61
Trucking pipe.....	50 00
Total.....	\$14,332 05
Boulevards, Roads, and Avenues, Maintenance of—	
Cylinders.....	\$98 83
Gravel.....	1,196 07
Horsekeeping.....	6 00
Lumber.....	92 03
Paints and oils.....	64 82
Pay-rolls.....	12,165 80
Repairing wagon.....	7 75
Rubber hose.....	68 58
Screenings.....	314 42
Steel.....	14 84
Tools.....	35 82
Total.....	\$14,064 96
City Contingencies—	
Illuminating expenses.....	\$104 71
Contingencies—Department of Public Works—	
Bunting.....	\$36 77
Decorating.....	33 00
Expressage.....	19 20
Fire works.....	600 00
Flags.....	175 00
Glazing.....	123 73
Illuminating.....	430 00
Miscellaneous expenses.....	100 00
Traveling expenses.....	312 50
Total.....	\$1,830 20



Flagging and Fencing in front of City Property—	
Flagging around Fulton Market.....	\$76 14
Free Floating Baths—	
Gas fitting.....	\$25 32
Pay-rolls.....	2,193 32
Plumbing.....	81 12
Pumps.....	137 00
Repairs.....	124 72
Rope.....	36 76
Stowing baths.....	306 00
Supplies.....	79 36
Towing baths.....	43 00
Total.....	\$3,026 60
Free Floating Baths (Additional)—	
Gas fitting.....	\$52 93
Pay-rolls—Attendants.....	318 38
Services of Architect.....	448 50
Inspector.....	230 00
Supplies.....	35 60
Towing baths.....	14 00
Total.....	\$1,099 41
Lamps and Gas—	
Carting lamps.....	\$184 75
Lamps.....	3,124 00
Lamp fittings.....	677 61
frames.....	100 00
globes.....	200 00
posts.....	1,905 00
Lighting offices, etc., Brown stone Building.....	13 50
City Hall.....	338 50
Corporation Attorney.....	34 50
County Jail.....	262 50
Court, 2d District Civil.....	14 75
3d ".....	9 75
4th ".....	13 25
5th ".....	1 00
6th ".....	2 25
8th ".....	2 75
1st District Police.....	171 25
2d ".....	70 00
3d ".....	78 75
4th ".....	28 25
5th ".....	5 22
Marine.....	1 25
Engineer of Boulevard.....	54
Department of Buildings.....	25
New Court-house.....	573 50
Rivington Street Yard.....	5 50
South Gate-house.....	14 01
Sundry Free Baths.....	79 50
Tax Receiver.....	51 25
Lighting Market, Catharine.....	46 50
Centre.....	280 50
Clinton.....	200 00
Essex.....	191 75
Fulton.....	419 25
Jefferson.....	117 25
Tompkins.....	148 00
Union.....	36 75
Washington.....	402 00
Lighting Streets, Central Gas-light Co.....	16,992 15
Harlem Gas-light Co.....	35,865 80
Manhattan Gas-light Co.....	22,040 43
Metropolitan Gas-light Co.....	28,175 25
New York Gas-light Co.....	13,015 10
New York Mutual Gas-light Co.....	19,101 95
Suburban Gas-light Co.....	11,649 99
Map of City of New York.....	125 00
Painting lamps, etc.....	50 49
Pay-rolls.....	2,021 50
Tin and solder.....	46 00
Total.....	\$158,939 04
Paving the Ways of West Washington Market (1875)—	
Repairing pavement.....	\$689 90
Public Buildings—Construction and Repairs—	
Armory, Fifth Regiment.....	\$5 84
Arsenal, corner of Elm and White streets.....	207 47
Board of Excise.....	25 98
Brown-stone Building.....	1,641 63
City Hall.....	156 28
Court, General Sessions.....	365 21
Marine.....	1,339 11
3d District Civil.....	6 36
7th ".....	52 64
9th ".....	55 00
1st District Police.....	128 06
2d ".....	14 84
3d ".....	19 74
4th ".....	20 36
Market, Catharine.....	53 32
Franklin.....	6 75
Washington.....	819 07
Miscellaneous.....	963 45
New Court-house.....	2,043 62
Pay-rolls.....	318 00
Register's Office.....	9 67
Total.....	\$8,252 40
Public Drinking Hydrants—	
Repairing and putting in hydrants.....	\$1,011 86
Removing Obstructions in Streets and Avenues—	
Trucking and labor.....	\$201 00
Repairing and Renewal of Pipes, Stop-cocks, etc.—	
Horse-keeping and shoeing.....	\$181 21
Hydrants.....	1,200 00
Paints and oils.....	14 73
Pay-rolls.....	16,051 80
Repairing hydrants.....	617 49
pipes.....	236 35
wagons.....	242 75
Stop-cock vaults.....	219 41
Tapping cocks and boxes.....	1,153 76
Wood.....	52 50
Total.....	\$19,970 00

Repairing Stone Pavements—	
Belgian blocks.....	\$9,654 50
Granite-blocks.....	490 00
Pay-rolls.....	32,560 37
Sand.....	1,272 50
Tools and repairing.....	583 05
Total.....	\$44,560 42
Repairing, etc., Wooden and Concrete Pavements—	
Belgian-blocks.....	\$10,543 90
Bridge stone.....	278 30
Broken stone.....	343 75
Pay-rolls.....	11,369 50
Sand.....	2,217 50
Tools and repairing.....	151 95
Total.....	\$24,904 90
Roads and Avenues and Sprinkling—	
Gravel.....	\$800 00
Pay-rolls.....	3,053 65
Repairing tools.....	95 73
Sand.....	1,600 00
Tools.....	46 00
Total.....	\$5,595 38
Salaries—Department of Public Works—	
Pay-rolls—Officers, Clerks, etc.....	\$27,025 43
Sewers, Repairing and Cleaning—	
Basin heads.....	\$653 00
Brick.....	75 00
Cement.....	67 50
Cleaning basins.....	10,800 00
Lumber.....	33 90
Pay-rolls.....	4,126 75
Repairing sewer.....	393 14
Sewer covers.....	34 02
Tools.....	54 25
Total.....	\$16,237 56
Street Improvements—For Street Signs, etc.—	
Monument stones.....	\$999 00
Supplies for and Cleaning Public Offices—	
Armory, Fifth Regiment.....	\$132 05
Board of Aldermen.....	8 00
City Hall.....	138 13
Department of Finance.....	190 00
Public Works.....	105 25
New Court-house.....	72 09
Office of CITY RECORD.....	16 00
Court, 5th District Civil.....	14 10
7th ".....	44 93
9th ".....	10 00
3d District Police.....	6 00
General Sessions.....	255 36
Marine.....	288 54
Commissioners of Accounts.....	35 00
County Clerk.....	10 00
Offices, Miscellaneous.....	672 10
Office of Mayor.....	2 75
Pay-rolls.....	8,832 98
Total.....	\$10,833 28
Wells and Pumps, Repairing and Cleaning—	
Repairing and cleaning pumps.....	\$85 50

## FUNDS AND TRUST ACCOUNTS.

## ADDITIONAL ALTERATIONS—AQUEDUCT, NINETY-THIRD TO ONE HUNDRED AND THIRTEENTH STREET.

Building Gate-house.....	\$7,200 00
Pay-rolls.....	765 34
Powder and fuse.....	312 50
Total.....	\$8,277 84

## CROTON WATER FUND.

Building Storage Reservoir.....	\$20,388 83
wall.....	396 00
Drawing water from lakes.....	4,800 00
Horse-keeping and rent.....	203 60
Pay-rolls.....	1,434 75
Taxes.....	15 02
Miscellaneous expenses.....	328 00
Total.....	\$27,566 20

## CROTON WATER-MAIN FUND.

Belgian-blocks.....	\$3,450 00
Cast-iron pipe.....	121,623 73
Horse-keeping.....	114 00
Pay-rolls.....	2,338 54
Repairing mains.....	124 88
Sand.....	2,462 50
Total.....	\$130,113 65

## CROTON WATER MAIN FUND NO. 2.

Cast-iron pipe.....	\$146,394 55
Cement and lime.....	45 50
Horse-keeping.....	45 81
Hydrants.....	1,304 00
Hydrant boxes.....	550 00
Inspecting pipe.....	1,008 60
Laying pipe.....	9,893 75
Lead.....	7,450 73
Lumber.....	452 50
Pay-rolls.....	34,844 92
Powder and fuse.....	98 10
Pumping engine.....	6,000 00



Repairing machinery .....	\$334 60
"    mains .....	357 71
Stop-cocks .....	3,586 60
Stop-cock boxes and covers .....	1,838 07
Supplies .....	59 50
Traveling expenses .....	85 24
Water privilege .....	55 00
Total .....	\$214,405 18

CROTON WATER WORKS EXTENSION—HIGH SERVICE, CARMANSVILLE.

Gas-fitting .....	\$80 00
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STREET IMPROVEMENT FUND.

Fencing Vacant Lots—	
Tenth avenue, between Sixty-eighth and Sixty-ninth streets. Patrick Burns, contractor .....	\$204 28
Pearl street, opposite No. 476. Patrick Burns, contractor .....	9 18
South side Twenty-fourth street, between First avenue and Avenue A. Patrick Burns, contractor .....	38 99
Between Forty-fifth and Forty-sixth streets, between Fifth and Madison avenues. Patrick Burns, contractor .....	158 27
South side Sixty-sixth street, between Fourth and Lexington avenues. Patrick Burns, contractor .....	79 22
Between Seventy-fourth and Seventy-fifth streets, between Fifth and Madison avenues. Patrick Burns, contractor .....	212 55
Seventy-eighth street, between Fourth and Madison avenues. Patrick Burns, contractor .....	69 36
Seventy-ninth street, at southwest corner Lexington avenue. Thomas O'Meara, contractor .....	124 00
Between Eighty-fourth and Eighty-fifth streets, between Fifth and Madison avenues. M. L. Kenny, contractor .....	211 79
South side Eighty-fifth street, between Fourth and Lexington avenues. Thomas O'Meara, contractor .....	19 01
Flagging Sidewalks—	
East side Ninth avenue, between Fifty-ninth and Sixty-third streets. Wm. A. Cuming, contractor .....	880 33
South side Thirty-seventh street, between Lexington avenue and 200 feet east. Fred. Thielman, Jr., contractor .....	203 10
Seventy-ninth street, between Fourth and Fifth avenues. Joseph Garry, contractor .....	577 32
One Hundred and Twentieth street, between Third and Sixth avenues. E. W. Hinman, contractor .....	2,295 12
One Hundred and Twenty-fifth street, between Third and Eighth avenues. Daniel Crowley, contractor .....	778 52
Laying Crosswalks—	
Lexington avenue at Seventy-eighth street. Wm. A. Cuming, contractor .....	56 80
Lexington avenue, from Seventy-ninth to Eighty-second street. Daniel Crowley, contractor .....	50 00
Madison avenue, from Eighty-sixth to Eighty-ninth street. Wm. A. Cuming, contractor .....	460 69
Madison avenue, from One Hundred and Twentieth to One Hundred and Thirty-second street. Daniel Crowley, contractor .....	300 00
Regulating, Grading, etc.—	
Lexington avenue, between One Hundred and Second street and Harlem river. Michael Gavin, contractor .....	3,731 00
Eighth avenue, between One Hundred and Twenty-eighth street and Hudson river. Mills & Ambrose, contractors .....	6,426 00
Tenth avenue, between Eighty-second and Ninety-third streets. Abraham Dowdney, contractor .....	7,794 88
Eleventh avenue, between Fifty-ninth and Seventy-second streets. Michael Gavin, contractor .....	7,807 10
Twenty-first street, between Eleventh and Thirteenth avenues. Michael Mahoney, contractor .....	728 85
Thirty-fifth street, between First avenue and East river. Joseph Garry, contractor .....	837 81
Forty-second street, between Second avenue and East river. Thomas Connell, contractor .....	1,200 50
Forty-third street, between First avenue and East river. Timothy Boyle, contractor .....	2,623 41
Seventieth street, between Third avenue and East river. John S. Masterson, contractor .....	3,500 00
Seventy-sixth street, between Eighth avenue and Hudson river. John Slattery, contractor .....	3,160 50
Seventy-seventh street, between First avenue and East river. Herman Polye, contractor .....	4,407 87
Ninety-fifth street, between First and Third avenues. Thos. E. Goodwin, contractor .....	4,902 05
Ninety-sixth street, between Eighth avenue and Boulevard. John T. Doyle, contractor .....	14,591 99
Ninety-sixth street, between Boulevard and Hudson river. Abraham Dowdney, contractor .....	1,960 00
One Hundred and Fifteenth street, between Eighth avenue and Harlem river. Daniel Crowley, contractor .....	4,585 00
One Hundred and Twenty-fourth street, between Eighth and St. Nicholas avenues. John C. Dowling, contractor .....	4,780 21
One Hundred and Twenty-ninth street, between Broadway and Hudson river. William F. Boehm, contractor .....	5,431 74
One Hundred and Thirtieth street, between Seventh and Eighth avenues. James Everard, contractor .....	2,095 74
One Hundred and Thirty-first street, between Sixth and Eighth avenues. Daniel Crowley, contractor .....	5,994 61
One Hundred and Forty-sixth street, between Tenth avenue and Boulevard. Daniel Crowley, contractor .....	1,249 50
Paving—	
Eighth avenue, between Fifty-ninth and One Hundred and Twenty-fifth streets. Richard H. Treacy, contractor .....	68,419 83
Thirteenth avenue, between Eleventh and Sixteenth streets. James Everard, contractor .....	13,964 51
Bogart street, between West street and Thirteenth avenue. Denis Dowd, contractor .....	1,341 27
Twenty-first street, between Tenth and Thirteenth avenues. John T. Doyle, contractor .....	404 20
Fiftieth street, between Tenth and Eleventh avenues. Charles Devlin, contractor .....	4,829 30
Fifty-first street, between Twelfth avenue and Bulkhead. John P. Lenihan, contractor .....	806 75
Fifty-sixth street, between Second and Third avenues. Wm. A. Cuming, contractor .....	3,328 84
Fifty-eighth street, between Tenth and Eleventh avenues. Charles P. Devlin, contractor .....	3,457 60
Fifty-ninth street, between First avenue and Avenue A. Charles Devlin, contractor .....	2,788 91
Sixtieth street, between Tenth and Eleventh avenues. Charles P. Devlin, contractor .....	3,589 80
Eightieth street, between Third and Fourth avenues. Charles P. Devlin, contractor .....	4,305 80
Ninety-second street, between Third and Fifth avenues. John G. Smith, contractor .....	11,523 24
Ninety-second street, between Eighth avenue and Boulevard. Charles P. Devlin, contractor .....	3,884 02
One Hundred and Fifth street, between First and Third avenues. James Everard, contractor .....	432 00

One Hundred and Twelfth street, between Third avenue and Harlem river. John P. Lenihan, contractor .....	\$1,946 00
One Hundred and Nineteenth street, between Third and Fourth avenues. Edward Bradburn, contractor .....	4,340 76
One Hundred and Twenty-sixth street, between Second and Seventh avenues. Charles C. Reed, contractor .....	12,387 50
One Hundred and Twenty-seventh street, between Third and Sixth avenues. James Everard, contractor .....	16,441 26
One Hundred and Twenty-ninth street, between Tenth avenue and Boulevard. John B. Devlin, contractor .....	3,653 71
One Hundred and Thirty-first street, between Fifth and Sixth avenues. James Everard, contractor .....	311 70

Sewers—

Boulevard, Ninety-eighth street, etc. John Mulholland, contractor .....	12,297 08
Broadway, between Thirty-second and Fifty-ninth streets. Ira G. Lane, contractor .....	18,610 95
Broadway, between Manhattan and One Hundred and Thirty-third streets. R. & J. Cunningham, contractors .....	1,752 80
Fourth avenue, between Eighty-fourth and Eighty-fifth streets. John B. Healy, contractor .....	973 90
Fourth avenue, between Ninety-first and Ninety-second streets. Patrick Mulholland, contractor .....	885 53
Eighth avenue, between Sixty-eighth and Eighty-first streets. Alexander Lutz, contractor .....	11,056 10
Ninth avenue, between Fifty-seventh and Fifty-eighth streets. Henry Newman, contractor .....	34 80
Tenth avenue, between Seventy-fifth and Seventy-seventh streets. Bartholomew Noonan, contractor .....	4,129 70
One Hundred and Fifth street, between Third and Fourth avenues. John C. Dowling, contractor .....	1,621 95
One Hundred and Sixteenth street, between Seventh and Eighth avenues. Edward Bradburn, contractor .....	1,540 74
One Hundred and Twenty-fourth street, between First avenue and Harlem river. Devlin & McKim, contractors .....	2,320 44
One Hundred and Forty-seventh street, outlet. Alexander Lutz, contractor .....	2,609 60
One Hundred and Seventy-third and One Hundred and Eighty-third streets, between Kingsbridge road and Harlem river. Felix Armstrong, contractor .....	242 00
Engineers of Sewers .....	10,324 78
Inspectors of Paving .....	1,960 00
"    Regulating, Grading, etc. ....	3,240 00
"    Sewers .....	1,340 00
Miscellaneous supplies .....	141 79
Surveying .....	8,019 58
Total .....	\$339,796 03

STREET IMPROVEMENT FUND—TELFORD PAVEMENT, ETC.

New avenue, between One Hundredth and One Hundred and Tenth streets—	
Coal .....	\$8 00
Filling .....	11,348 43
Horse-keeping .....	26 61
Pay-rolls .....	4,545 12
	\$15,928 16
New avenue, between One Hundred and Fourteenth street and 110 feet south—	
Pay-rolls .....	20 94
New avenue, between One Hundred and Fourteenth street and Avenue St. Nicholas—	
Filling .....	\$431 58
Pay-rolls .....	993 20
	1,424 78
Ninth avenue, between One Hundred and Twenty-third and One Hundred and Twenty-sixth streets—	
Coal .....	\$13 00
Pay-roll .....	13 44
Surveying .....	183 04
	209 48
One Hundred and Sixteenth street, between Sixth and Seventh avenues—	
Pay-rolls .....	61 96
One Hundred and Twenty-second street, between Tenth avenue and Riverside Drive—	
Broken stone .....	\$638 40
Coal and oil .....	84 90
Curbing stone .....	21 47
Pay rolls .....	1,392 47
Screenings .....	434 46
	2,571 70
One Hundred and Twenty-third street, between New and Ninth avenues—	
Office rent .....	\$20 00
Pay-roll .....	10 08
Surveying .....	180 81
	210 89
One Hundred and Twenty-third street, between Tenth avenue and Boulevard—	
Pay-roll .....	119 78
One Hundred and Fifty-second street, between Avenue St. Nicholas and Boulevard—	
Pay-rolls .....	137 52
Total .....	\$20,685 21

SUNDRY ASSESSMENT FUND.

Avenue A, between Fifty-seventh and Eighty-sixth streets—	
Office rent .....	\$50 00
Surveying .....	2,080 69
	\$2,130 69
Avenue A Superstructure, between Fifty-seventh and Eighty-sixth streets—	
Pay-roll .....	13 44
Avenue A, between One Hundred and Sixteenth street and Harlem river—	
Office rent .....	\$16 00
Pay-rolls .....	298 07
	314 07
Avenue A Superstructure, between One Hundred and Sixteenth street and Harlem river—	
Broken stone .....	\$1,721 13
Oil .....	9 30
Pay-roll .....	508 43
	2,238 86
Avenue B, between Eighty-third and Eighty-sixth streets—	
Pay-rolls .....	217 85
Avenue west side Morningside Park—	
Pay-roll .....	13 44
Avenue St. Nicholas Planting—	
Trees .....	28 88
First avenue, between Eighty-sixth and One Hundred and Sixteenth streets—	
Filling .....	\$382 65
Office rent .....	50 00
Pay-rolls .....	163 14
	595 79



First avenue Superstructure, between Eighty-sixth and One Hundred and Sixteenth streets—	
Cement.....	
Sixth avenue Planting—	
Trees.....	
Seventh avenue Planting—	
Pay-rolls.....	\$41 07
Trees.....	5 50
Tenth avenue, between One Hundred and Tenth and Manhattan streets—	
Pay-rolls.....	\$914 74
Supplies.....	3 50
Tenth avenue Sewers, from One Hundred and Tenth to Manhattan street—	
Basin-heads, etc.....	\$404 22
Coal.....	24 00
Horse-keeping.....	8 00
Laying pipe.....	62 30
Office rent.....	20 00
Pay-rolls.....	1,515 96
Powder and fuse.....	612 17
Boulevard Planting—	
Pay-rolls.....	\$76 98
Trees.....	153 31
Boulevard Sewers, 13 B—	
Flagging stone.....	\$16 96
Pay-rolls.....	55 77
Boulevard Sewers, 14 B—	
Basin-heads.....	55 00
Brick.....	200 00
Cement.....	319 85
Coal.....	16 00
Horse-keeping.....	16 00
Office rent.....	20 00
Pay-rolls.....	4,041 27
Powder.....	37 80
Repairing railing.....	135 60
Sand.....	85 01
Sewer pipe.....	115 62
Tools.....	15 15
Boulevard Sewers, 1 D—	
Flagging stone.....	\$26 46
Office rent.....	9 00
Pay-roll.....	119 33
Sewer pipe.....	46 98
Boulevard Sewers, 12 E—	
Basin-heads.....	\$125 74
Brick and sand.....	11 89
Cement.....	56 50
Flagging stone.....	248 39
Horse-keeping.....	2 39
Office rent.....	10 00
Pay-rolls.....	979 84
Sewer pipe.....	26 10
Tools.....	10 75
Kingsbridge road—	
Pay-roll.....	
One Hundred and Tenth street, between Riverside Drive and Eastern Boulevard—	
Coal.....	\$16 00
Horse-keeping.....	5 00
Office rent.....	13 00
Pay-rolls.....	163 77
One Hundred and Tenth street Superstructure—	
Basin heads.....	\$138 36
Brick.....	40 00
Broken-stone.....	3,721 40
Cement.....	45 90
Coal.....	411 00
Curb and flag stone.....	1,318 36
Horse-keeping.....	13 00
Lumber.....	15 45
Oil.....	61 40
Pay-rolls.....	6,427 99
Rent of office.....	12 00
Repairing rollers.....	130 88
Repairing sprinklers.....	21 07
Screenings.....	332 06
Sewer pipe.....	71 34
Tools.....	4 38
One Hundred and Sixteenth street, between Avenue A and Sixth avenue—	
Filling.....	\$551 62
Hardware.....	95
Pay-rolls.....	32 05
One Hundred and Sixteenth street Superstructure—	
Broken-stone.....	\$599 83
Hardware.....	4 46
Office rent.....	15 00
Oil.....	3 60
Pay-rolls.....	1,246 94
Repairing sprinklers.....	8 00
Screenings.....	135 70
One Hundred and Twenty-fourth street, between Avenue A and Sixth avenue—	
Pay-rolls.....	
One Hundred and Twenty-fourth street Superstructure—	
Broken-stone.....	\$2,698 89
Hardware.....	6 47
Office rent.....	15 00
Oil.....	18 30
Pay-rolls.....	2,524 20
Repairing engine.....	65 00
Repairing sprinklers.....	10 06
Total.....	\$37,893 90

RECAPITULATION OF APPROPRIATIONS.	
\$1 35	Aqueduct—Repairs and Maintenance.....
198 69	Boulevards, Roads and Avenues, Maintenance of.....
	City Contingencies.....
	Contingencies—Department of Public Works.....
	Flagging and Fencing in front of City Property.....
	Free Floating Baths.....
	Free Floating Baths (additional).....
	Lamps and Gas.....
46 57	Paving the Ways of West Washington Market (1875).....
	Public Buildings—Construction and Repairs.....
	Public Drinking Hydrants.....
	Removing Obstructions in Streets and Avenues.....
	Repairing and Renewal of Pipes, Stop-cocks, etc.....
918 24	Repairing Stone Pavements.....
	Repairing, etc., Wooden and Concrete Pavements.....
	Roads and Avenues, and Sprinkling.....
	Salaries—Department of Public Works.....
	Sewers—Repairing and Cleaning.....
	Street Improvement—For Street Signs, etc.....
	Supplies for and Cleaning Public Offices.....
	Wells and Pumps—Repairing and Cleaning.....
	Total.....

2,646 65	RECAPITULATION OF FUNDS AND TRUST ACCOUNTS.	
230 29	Additional Alterations of Aqueduct, between Ninety-third and One Hundred and Thirteenth streets.....	\$8,277 84
	Croton Water Fund.....	27,566 20
	“ Main Fund.....	130,113 65
72 73	“ “ No. 2.....	214,405 18
	“ Works Extension—High-service, Carmansville.....	80 00
	Street Improvement Fund.....	339,796 03
	Street Improvement Fund—Telford Pavement, etc.—	
	New avenue, between One Hundredth and One Hundred and Tenth streets.....	\$15,928 16
	New avenue, between One Hundred and Fourteenth street and 110 feet south.....	20 94
	New avenue, between One Hundred and Fourteenth street and Avenue St. Nicholas.....	1,424 78
	Ninth avenue, between One Hundred and Twenty-third and One Hundred and Twenty-sixth streets.....	209 48
	One Hundred and Sixteenth street, between Sixth and Seventh avenues.....	61 96
5,057 90	One Hundred and Twenty-second street, between Tenth avenue and Riverside Drive.....	2,571 70
	One Hundred and Twenty-third street, between New and Ninth avenues.....	210 89
	One Hundred and Twenty-third street, between Tenth avenue and Boulevard.....	119 78
201 77	One Hundred and Fifty-second street, between Avenue St. Nicholas and Boulevard.....	137 52
	Sundry Assessment Funds—	
	Avenue A, between Fifty-seventh and Eighty-sixth streets.....	\$2,130 69
	“ “ “ “ superstructure.....	13 44
	Avenue A, between One Hundred and Sixteenth street and Harlem river.....	314 07
	Avenue A, between One Hundred and Sixteenth street and Harlem river, superstructure.....	2,238 86
	Avenue B, between Eighty-third and Eighty-sixth streets.....	217 85
	Avenue west side Morningside Park.....	13 44
1,471 60	Avenue St. Nicholas, planting.....	28 88
	First avenue, between Eighty-sixth and One Hundred and Sixteenth streets.....	595 79
13 44	First avenue, between Eighty-sixth and One Hundred and Sixteenth streets, superstructure.....	1 35
	Sixth avenue, planting.....	198 69
	Seventh avenue, planting.....	46 57
	Tenth avenue, between One Hundred and Tenth and Manhattan streets.....	918 24
197 77	Tenth avenue, between One Hundred and Tenth and Manhattan streets, sewer.....	2,646 65
	Boulevard, planting.....	230 29
	“ sewers, 13 B.....	72 73
	“ “ 14 B.....	5,057 90
	“ “ 1 D.....	201 77
	“ “ 12 E.....	1,471 60
	Kingsbridge road.....	13 44
	One Hundred and Tenth street, between Riverside Drive and East Boulevard.....	197 77
	One Hundred and Tenth street, superstructure.....	12,764 59
	One Hundred and Sixteenth street, between Avenue A and Sixth avenue.....	584 62
	One Hundred and Sixteenth street, between Avenue A and Sixth avenue, superstructure.....	2,013 53
	One Hundred and Twenty-fourth street, between Avenue A and Sixth avenue.....	583 22
	One Hundred and Twenty-fourth street, between Avenue A and Sixth avenue, superstructure.....	5,337 92
12,764 59	Total.....	37,893 90
	Total.....	\$778,818 01

584 62	GENERAL SUMMARY.	
	Appropriations.....	\$353,839 74
	Funds and Trust Accounts.....	778,818 01
	Grand total.....	\$1,132,657 75
2,013 53	DEPARTMENT OF PUBLIC WORKS, CHIEF ENGINEER'S OFFICE, CITY HALL, NEW YORK, September 30, 1876.	
583 22	ALLAN CAMPBELL, Esq., Commissioner of Public Works:	
	SIR—I have the honor to report, that during the quarter ending September 30, 1876, there has been expended in this Bureau, for work done and materials furnished, and for which bills have been transmitted, as follows:	
	Additional Alterations, Aqueduct, Ninety-third to One Hundred and Thirteenth street...	\$8,277 84
	Aqueduct—Repairs and Maintenance.....	13,651 50
	Croton Water Fund.....	27,566 20
	Croton Water-main Fund.....	123,011 11
	Croton Water-main Fund, No. 2.....	189,508 34
	Croton Water Water Works Extension—High-service, Carmansville.....	80 00
	Repairing and Renewal of Pipes, Stop-cocks, etc.....	3,960 20
5,337 92	Total.....	\$366,055 19



The work of building the Storage Reservoir on the middle branch of the Croton river, has been almost exclusively confined to laying the masonry in the centre wall and putting in the embankment.

The importance of putting on such a force as will enable the contractors to complete this work during the next year has been urged upon them and with some effect, but they answer if they get on a large force there will be no work for their teams during the winter, the lands for the roads to replace those to be overflowed not yet having been secured; that if they had these lands they could then have work for their men and teams during the winter.

At Boyd's Corners Reservoir, the work of inclosing the grounds below the dam belonging to the city has been completed, but some more work is required to raise some of the old fence walls and to level off the grounds below the dam. The contractors for the iron work at the dam have most of the materials on the ground, and are putting up the railing and will complete their work during the present month.

The extreme heat of the past summer has caused great drought in the Croton basin. The residents of that district say there has been nothing equal to it in the past fifty years. The springs and wells, to a great extent, dried up, and the natural flow of the Croton river has not furnished half the water consumed during the last three months, the water, during this three months, having ran over the Croton dam but four days. Although the rain-fall in September was apparently large, the ground was so dry that it has absorbed most of it, the rain falling so gently that very little of it has found its way into the streams. On the 27th June, we commenced drawing water from the storage reservoir at Boyd's Corners, and continued, with but few days cessation, until the 5th of September, when the gates were closed, the water having all been drawn out; since the 5th of September it filled up five feet, and 45,000,000 gallons were drawn from it between the 27th and 30th September.

In addition to drawing from the reservoir at Boyd's Corners, the long continued drought has compelled us to draw water from all the natural lakes in Westchester and Putnam Counties that were available, they having furnished the whole supply of stored water since the storage reservoir was emptied.

The following table shows the number of days water has been drawn from the storage reservoir at Boyd's Corners and from the natural lakes, with the number of gallons drawn:

Names.	No. of Days Water was Drawn.	No. of Gallons Drawn.
Boyd's Corners Reservoir.....	60	2,775,000,000
Lake Mohopac.....	42	496,000,000
Lake Gilead.....	48	380,000,000
Lake Gleneida.....	40	136,000,000
Kirk Lake.....	15	130,000,000
Barrett's Pond.....	17	120,000,000
China Pond.....	27	80,000,000
Lake Wacabuc.....	8	70,000,000
Cross Pond.....	3	30,000,000
White Pond.....	2	6,000,000
Used from reservoirs in city.....		4,223,000,000
		400,000,000

There is still remaining in the lakes under the control of this Department about 800,000,000 gallons, which is being daily drawn from for the city. The expense thus far incurred in securing this supply from the natural lakes is..... \$24,000 00

The right to draw water from Barrett's and Cross Ponds were secured in perpetuity. Lake Gleneida is under lease; the others, the right to draw water was secured only for this year. The rain-fall at Boyd's Corners Reservoir was—  
In July, 3.42 inches.  
In August, 1.20 inches.  
In September, 5.21 inches.

AQUEDUCT—REPAIRS AND MAINTENANCE.

The work under this head, on the line of the Aqueduct, has been of the usual character—cleaning out ditches, drains, and culverts; cutting grass and brush, and the daily patrolling of the line of the aqueduct, between the Croton dam and the city. On the first division at Croton dam the men have been occupied in cleaning the lake of the vegetable scum which the excessive hot weather and drought developed to an unusual extent. As the water lowered in the lake the vegetation was removed. On the second division the embankments have been repaired, and 250 cubic yards of protection wall rebuilt, and some repairing done to the upper arch of the aqueduct. The very low water in the Potomac has enabled us to replace the concrete washed out from under the foundations of the abutments of the larger arch carrying the aqueduct over this river, and to thoroughly repair the culverts on that division. On the fifth division, at Yonkers, 200 cubic yards of protection wall was rebuilt. A considerable amount of fencing, on the second, fourth, fifth, and sixth divisions, have been renewed. The north division of the old receiving reservoir having been emptied, the basin has been cleaned, by removing the deposit, the accumulation of many years.

At Croton dam, High Bridge, and the reservoirs in the city, the gate-house chambers of each have been thoroughly cleaned and whitewashed, and the screens and gratings kept in good order and painted. The stop-cocks chambers of the large street mains have received careful attention and repairs, and the fixtures for heating the gate-house at Fortieth street thoroughly repaired.

The gate-houses at Ninety-third and One Hundred and Thirteenth streets have been completed and the sewer between One Hundred and Seventh and One Hundred and Thirteenth streets placed under contract and will be completed during this month.

The new pumping engine put up at High Bridge, under contract with William E. Worthen, has been tested as to duty of raising 200,000 gallons per hour, for 48 consecutive hours, and exceeded the required duty by 12 per cent.

It is now running on a 60 days' trial required before acceptance and with every promise of success.

LAYING WATER-PIPES.

Six contracts for laying water-pipes have been entered into under resolutions of the Common Council, approved by the Mayor, and the work is being done under them in a very satisfactory manner.

The pipes, stop-cocks, and hydrants for this work are being now received.

PIPES LAID DURING THE PAST QUARTER.

20-inch pipes.....	3,960 lineal feet.
12 ".....	10,903 "
6 ".....	11,918 "
Total.....	26,781 "

The six-inch pipe has been placed under Harlem river to supply Randall's Island, and is now in proper order.

There is about 3,000 feet of distributing pipe to lay on the island to give full distribution, which will be placed under contract in a few days.

The annual extension of the street mains has brought the daily consumption of all the capacity of the aqueduct, and more than three times as much as the minimum flow of the river can furnish. It is necessary that systematic efforts be made to circumscribe the waste of water, and every citizen should understand that all waste must be stopped.

Yours, very respectfully,  
JOHN C. CAMPBELL,  
Chief Engineer Croton Aqueduct.

DEPARTMENT OF PUBLIC WORKS,  
WATER PURVEYOR'S OFFICE, CITY HALL,  
NEW YORK, October 4, 1876.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:  
SIR—I have the honor to submit herewith a report of the transactions of this Bureau for the months of July, August, and September, of the current year:

REPAIRING CROTON PIPES, ETC.

Three companies have been employed during the past quarter in repairing and renewing pipes, stop-cocks, and fire-hydrants, and all necessary repairs have been made to which my attention has been called. No serious breaks have occurred along the lines of water pipes.

LAYING CROTON WATER-MAINS.

A small force has been employed during the past quarter in laying mains, making high-service connections, etc., the detail of which will appear in the report of the Chief Engineer.

REPAIRING SIX-FEET PIPES.

During the early part of the quarter, a company of men was employed in repairing six-foot pipes in Ninetieth street, near Eighth avenue. The work was completed early in August, and the men were transferred to other duties.

REPAIRS TO PAVEMENTS.

The work of repairing stone, wooden, and concrete pavements has been attended to as thoroughly as possible with the force at my command. Owing to the insufficiency of the appropriations, the force has been largely reduced, and although complaints are daily received of the bad condition of the pavements in almost every portion of the city, I have been compelled to confine the repairs to such places as I have found upon examination to be most urgently required.

Number of Men employed under charge of Bureau of Water Purveyor during months of July, August, and September, paid from different Appropriations, with amounts of Pay-rolls.

MONTHS, 1876.	REPAIRING AND RENEWALS OF PIPES, STOP-COCKS, ETC.		CROTON WATER MAIN FUND.		CROTON WATER MAIN FUND. (No. 2.)	
	No. of Men.	Amounts.	No. of Men.	Amounts.	No. of Men.	Amounts.
July.....	50	\$3,197 56	....	.....	225	\$10,276 20
August.....	53	3,500 49	140	\$3,863 85	95	3,158 31
September.....	55	3,363 97	....	.....	87	4,553 01
Totals.....	.....	\$10,062 02	.....	\$3,863 85	.....	\$17,987 52

MONTHS, 1876.	REPAIRING STONE PAVEMENTS.		REPAIRING AND KEEPING IN ORDER WOODEN, ETC., PAVEMENTS.	
	No. of Men.	Amounts.	No. of Men.	Amounts.
July.....	279	\$15,517 07	67	\$3,877 44
August.....	104	6,307 25	63	3,842 53
September.....	104	5,278 09	62	3,100 95
Totals.....	.....	\$27,102 41	.....	\$10,820 92

RECAPITULATION.

Amounts of Pay-rolls for July, August, and September, 1876.

Repairing and Renewals of Pipes, Stop-cocks, etc.....	\$10,062 02
Croton Water-main Fund.....	3,863 85
Croton Water-main Fund (No. 2).....	17,987 52
Repairing Stone Pavements.....	27,102 41
Repairing and Keeping in order Wooden, etc., Pavements.....	10,820 92
Total.....	\$69,836 72

No. of Square Yards.	PAVING WORKS UNDER CONTRACTS COMPLETED.
2,728.	Fiftieth street, between Tenth and Eleventh avenues.
2,721.	Sixtieth street, between Tenth and Eleventh avenues.
2,726.	Fifty-eighth street, between Tenth and Eleventh avenues.
1,098.	Bogart street, between West street and Thirteenth avenue.
2,076.50.	Fifty-sixth street, between Second and Third avenues.
9,503.	One Hundred and Twenty-seventh street, from Third to Sixth avenue.
588.	Fifty-first street, from East side of Twelfth avenue to the Bulkhead line.
3,038.	One Hundred and Nineteenth street, between Third and Fourth avenues.
6,564.	Ninety-second street, from Third to Fifth avenue.
3,063.	Eightieth street, between Third and Fourth avenues.
4,285.	Seventy-fifth street, from First to Third avenue.
2,725.	Twenty-third street, from Avenue A to East river.
2,721.85.	One Hundred and Twenty-ninth street, from Tenth avenue to the Boulevard
2,097.	One Hundred and Ninth street, from Second to Third avenue.
3,071.	One Hundred and Fourth street, from Third to Fourth avenue.
1,117.	Bloomfield street, from West street to Thirteenth avenue.
59,122.35	

Number of vault permits issued during the months of July, August, and September, 1876 (thirty-six)..... 36  
Receipts for vault permits, same period..... \$12,881 74

Respectfully submitted,  
DANIEL O'REILLY, Water Purveyor.

BUREAU OF WATER REGISTER,  
NEW YORK, October 2, 1876.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:  
SIR—I herewith transmit statement of moneys received for Water-rents, Penalties, and Taps, for the quarter ending September 30, 1876:

	PRINCIPAL.	PENALTIES.	TAPS.	TOTAL.
July.....	\$602,627 27	\$418 45	\$472 50	
August.....	59,152 87	1,429 20	345 00	
September.....	57,705 93	1,256 70	629 50	
	\$719,486 07	\$3,104 35	\$1,447 00	\$724,037 42

Respectfully submitted,  
J. H. CHAMBERS,  
Water Register.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF STREET IMPROVEMENTS,  
ROOM NO. 11, CITY HALL,  
NEW YORK, October 3, 1876.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:  
SIR—I have the honor to transmit herewith a report of the transactions of this bureau for the months of July, August, and September, 1876, showing statements of the amount of work done on the various works under contract, of the amount of vouchers drawn, of contracts completed and contracts under way and suspended, and permits issued by this bureau.

For contracts entered into during this period I beg to refer to the Contract Clerk's report.

Respectfully,  
GEO. A. JEREMIAH,  
Superintendent Street Improvements.



CONTRACTS COMPLETED.

Regulating, Grading, Curb, Gutter, and Flagging—  
Tenth avenue, from Eighty-second to Ninety-third street.  
Twenty-first street, from Eleventh to Thirteenth avenue.  
Thirty-fifth street, from First avenue to East river.  
Seventy-seventh street, from First avenue to East river.  
Seventy-sixth street, from Eighth avenue to Hudson river.  
Seventy-ninth street, from Boulevard to Hudson river.  
Ninety-fifth street, from Third to First avenue.  
Ninety-sixth street, from Eighth avenue to Boulevard.  
One Hundred and Twenty-fourth street, from Eighth avenue to Avenue St. Nicholas.  
One Hundred and Thirtieth street, from Seventh to Eighth avenue.  
One Hundred and Thirty-first street, from Sixth to Eighth avenue.  
One Hundred and Forty-fourth street, from Tenth avenue to Boulevard.

Flagging—  
East side of Ninth avenue, from Fifty-ninth to Sixty-third street.  
One Hundred and Twentieth street, from Third to Sixth avenue.  
Thirty-seventh street, commencing at Lexington avenue and extending 200 feet easterly.  
North side Twenty-eighth street, from First avenue to East river.

Fencing—  
Tenth avenue, between Sixty-eighth and Sixty-ninth streets, and on Sixty-eighth and Sixty-ninth streets, extending 200 feet westerly.  
South side of Sixty-sixth street, between Lexington and Fourth avenues.  
Both sides of Seventy-eighth street, between Madison and Fourth avenues.  
Southwest corner Seventy-ninth street and Lexington avenue.  
South side of Eighty-fifth street, between Lexington and Fourth avenues.  
South side of Twenty-fourth street, between First avenue and Avenue A.

On account of Street Regulating, Grading, etc.....	\$112,635	68
“ Contingencies—Department of Public Works.....	62	50
“ Street Improvements—for Street Signs, etc.....	999	00
“ Flagging Sidewalks and Fencing Vacant Lots in Front of City Property.....	76	14
Total.....	\$113,773	32

374 permits to flag sidewalks.

*In Progress in the Bureau of Street Improvements on the 30th day of September, 1876.*

LOCATION OF WORK.	NAME OF CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	30 PER CENT. RETAINED.	AMOUNT PAID.	
Regulating, grading, curb, gutter, and flagging—									
Lexington avenue, One Hundred and Second street to Harlem river.....	Michael Gavin.....	W. V. Smith.....	John G. Seely.....	10 months...	\$50,201 00	\$52,321 60	\$15,696 48	\$36,625 12	
Fourth avenue, One Hundred and Second to One Hundred and Tenth street...	Edward Bradburn.....	W. V. Smith.....	Selleck S. Scofield.....	200 days....	12,585 00	.....	.....	.....	
Eighth avenue, One Hundred and Twenty-eighth street to Harlem river.....	Mills & Ambrose.....	W. V. Smith.....	Clark Vandewater.....	2½ years...	143,870 75	9,180 00	2,754 00	6,426 00	
Ninth avenue, Seventy-second to Eighty-first street.....	Terrence Smith.....	W. V. Smith.....	Michael McNamara.....	5 months....	9,277 00	.....	.....	.....	
Eleventh avenue, Fifty-ninth to Seventy-second street.....	Michael Gavin.....	Charles H. Haswell....	Arthur Flynn.....	1 year.....	41,448 00	32,750 77	9,825 24	22,925 53	
Forty-second street, Second avenue to East river.....	Thomas Connell.....	Eugene E. McLean.....	Robert Kelly.....	270 days....	15,859 00	4,895 00	1,468 50	3,426 50	
Forty-third street, Second to Third avenue.....	Owen Gearty.....	A. Doubleday.....	Henry Oberle.....	6 months....	17,474 80	13,543 20	4,062 96	9,480 24	
Sixty-second street, Tenth to Eleventh avenue.....	John Wyberd.....	T. & J. Slator.....	Joseph Jennings.....	9 ".....	7,967 91	.....	.....	.....	
Seventieth street, Third avenue to East river.....	John S. Masterson.....	Wm. M. Dean.....	Isaac Odell, Jr.....	6 ".....	38,295 00	19,250 00	5,775 00	13,475 00	
Seventy-eighth street, Boulevard to Ninth avenue.....	Patrick Mulholland.....	A. Doubleday.....	Francis Maguire.....	250 days....	15,404 25	.....	.....	.....	
Ninety-sixth street, Boulevard to Hudson river.....	Abraham Dowdney.....	W. V. Smith.....	Samuel Brower.....	550 ".....	29,086 00	9,800 00	2,940 00	6,860 00	
Ninety-ninth street, Eighth to Eleventh avenue.....	Robert Earl, Jr.....	Frank E. Towle.....	George Heid.....	245 ".....	18,452 00	3,500 00	1,050 00	2,450 00	
One Hundred and First street, Boulevard to Riverside Park.....	Abraham Dowdney.....	M. Lovell.....	Mathew Metzler.....	30 ".....	3,859 25	.....	.....	.....	
One Hundred and Seventh street, Fifth avenue to Harlem river.....	Patrick Farley.....	M. Lovell.....	Bryan Gaughan.....	300 ".....	45,720 00	.....	.....	.....	
One Hundred and Thirteenth street, Morningside to Riverside Drive.....	Matthew H. Moore.....	W. V. Smith.....	Charles Schloss.....	40 ".....	7,874 55	.....	.....	.....	
One Hundred and Fifteenth street, Eighth avenue to Harlem river.....	Daniel Crowley.....	Jacob Rudolphy.....	Lewis H. Combes.....	9 months....	19,513 00	10,675 00	3,202 50	7,472 50	
One Hundred and Forty-sixth street, Tenth avenue to Boulevard.....	Daniel Crowley.....	M. Lovell.....	Michael H. Whalen....	100 days....	9,982 50	1,785 00	535 50	1,249 50	
Curb, gutter, and flagging—									
One Hundred and Ninth street, Third to Fifth avenue.....	John S. Masterson.....	W. V. Smith.....	John A. Cooley.....	10 days....	3,154 00	.....	.....	.....	
					Total.....	\$490,114 01	\$157,700 57	\$47,310 18	\$110,390 39

Seventy-first street, Fifth avenue to East river.....	Herman Poly.....	W. H. Michaels.....	Suspended.....	4 months...	\$24,907 80	\$7,790 00	\$2,337 00	\$5,453 00
Eighty-first street, Second avenue to East river.....	M. J. Bannon.....	Frank E. Towle.....	Suspended.....	200 days....	16,208 90	3,840 00	1,152 00	2,688 00
				Total.....	\$41,116 70	\$11,630 00	\$3,489 00	\$8,141 00

EXPENDITURES FOR QUARTER ENDING SEPTEMBER 30.

Pay-rolls for June, July, and August.....	\$3,053	65
M. Reilly, for sharp sand.....	800	00
P. C. Coffin & Co., new tools, etc.....	46	00
W. McDonald, gravel.....	800	00
M. Reilly, gravel.....	800	00
P. Daly, repairing tools.....	95	73
	<u>5,595</u>	<u>38</u>

Balance unexpended October 1.....	\$5,931 89
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Traveling expenses of James J. Mooney, Superintendent of Streets, paid from Contingencies—Department of Public Works.....	\$62 50
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Respectfully submitted,  
JAMES J. MOONEY, Superintendent of Streets.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF LAMPS AND GAS,  
NEW YORK, October 2, 1876. }

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

SIR—In accordance with the provisions of section 110, chapter 335, Laws of 1873 (the City Charter), I herein submit a report of the transactions of the Bureau of Lamps and Gas for the three months ending September 30, 1876.

In Exhibit "A" will be found an abstract of all vouchers certified by me during the quarter. Exhibit "B" is a statement showing the amounts of vouchers drawn for gas to the various public markets, offices, etc., and for fitting up, repairing and lighting the public lamps, etc. Exhibit "C" is a summary of the appropriation for lamps and gas, showing an expenditure during the quarter of one hundred and fifty-nine thousand one hundred and ninety-three dollars and nineteen cents (\$159,193.19), and for the nine months of four hundred and sixty-five thousand nine hundred and forty-two dollars and seventy-three cents (\$465,942.73), with liabilities for lighting the public lamps month of September, amounting to fifty thousand one hundred and eighteen dollars and fifty-two cents (\$50,118.52), leaving an available balance of one hundred and eighty-three thousand six hundred and eighty-eight dollars and seventy-five cents (\$183,688.75). In Exhibit "D" will be found a summary of the "Lamp Account," giving the number of new lamps lighted, old lamps relighted, and number discontinued by each Gas Company during the quarter, showing a total of one hundred and seventy-five new lamps lighted, ninety old lamps relighted, and sixty-two lamps discontinued, and the total number of lamps burning September 30, 1876, to be twenty thousand two hundred and eighty-eight.

Yours, respectfully,  
THOS. O'CALLAGHAN,  
Superintendent Lamps and Gas.

The following streets, avenues, and roads were sprinkled :  
Eighth avenue, from One Hundred and Twenty-second street to McComb's Dam.  
Tenth avenue, from One Hundred. and Forty-fifth to One Hundred and Fifty-fourth street, and  
several cross streets where there is light driving.

Amount appropriated for Roads, Avenues, and Sprinkling for 1876.....	\$20,000 00
Amount expended for the first and second quarters.....	8,472 73
	<hr/>
Balance unexpended July 1.....	\$11,527 27



Exhibit "A."

Abstract of Vouchers certified by Thos. O'Callaghan, Superintendent of Lamps and Gas, on account of the Appropriation for Lamps and Gas, etc., for 1876, for the Quarter ending September 30, 1876.

Date of Voucher.	No. of Voucher.	IN WHOSE FAVOR.	FOR WHAT PURPOSE.	AMOUNT.
On account of the Appropriation for Lamps and Gas.				
July 1	108	Central Gas-light Co.	Lighting public lamps, Month of June.	\$5,664 05
" 1	109	Suburban Gas-light Co.	Lighting public lamps, month of June.	3,883 33
June 30	110	New York Gas-light Co.	Lighting public lamps, month of June.	4,287 25
" 30	111	Manhattan Gas-light Co.	Lighting public lamps, month of June.	7,370 69
" 30	112	New York Mutual Gas-light Co.	Lighting public lamps, month of June.	6,766 99
" 30	113	Metropolitan Gas-light Co.	Lighting public lamps, month of June.	9,328 38
" 30	114	Harlem Gas-light Co.	Lighting public lamps, month of June.	11,850 50
" 30	115	Francis Finnin.	Cartages, month of June.	42 50
July 13	116	M. Dripps.	Lamp maps.	125 00
" 15	117	F. W. Devoe & Co.	Paints, oils, etc.	32 69
" 31	118	Pay-roll.	Lighters of Markets, month of July.	95 00
" 31	119	Pay-roll.	Inspectors, painters, etc., month of July.	580 00
" 24	120	William T. Nash.	Tin, solder, etc.	46 00
" 22	121	J. W. Bartlett.	100 lamp globes.	200 00
" 27	122	J. W. Bartlett.	100 iron lamp frames.	100 00
" 31	123	J. W. Bartlett.	100 boulevard lamps.	600 00
" 31	124	Francis Finnin.	Cartages, month of July.	59 50
Aug. 1	125	Central Gas-light Co.	Lighting public lamps, month of July.	5,664 05
" 1	126	Suburban Gas-light Co.	Lighting public lamps, month of July.	3,883 33
July 31	127	Metropolitan Gas-light Co.	Gas to Fourth District Police Court, month of July.	10 75
" 31	128	Harlem Gas-light Co.	Gas to public offices, etc., month of July.	6 04
" 31	129	New York Gas-light Co.	Gas to public markets, etc., month of July.	746 50
" 31	130	Manhattan Gas-light Co.	Gas to public markets, etc., month of July.	536 50
" 31	131	New York Gas-light Co.	Lighting public lamps, month of July.	4,329 40
" 31	132	New York Mutual Gas-light Co.	Lighting public lamps, month of July.	6,142 05
" 31	133	Manhattan Gas-light Co.	Lighting public lamps, month of July.	7,344 17
" 31	134	Metropolitan Gas-light Co.	Lighting public lamps, month of July.	9,279 82
" 31	135	Harlem Gas-light Co.	Lighting public lamps, month of July.	11,886 50
Aug. 9	136	Edgar Close.	200 street lamps.	612 00
" 18	137	Frederick Theiss.	Turned wood knobs.	12 00
" 14	138	Morris, Tasker & Co.	Vulcanized rubber-coated pipe and fittings.	655 61
" 22	139	J. W. Bartlett.	25 boulevard lamps.	125 00
" 22	140	J. W. Bartlett.	100 boulevard lamps.	600 00
" 25	141	Campbell, Brick & Co.	75 lamp-posts.	600 00
" 31	142	Pay-roll.	Lighters of markets, month of August.	95 00
" 31	143	Pay-roll.	Inspectors, painters, etc., month of August.	657 00
" 25	144	J. L. Mott Iron Works.	50 lamp-posts.	540 00
" 28	145	J. L. Mott Iron Works.	15 lamp-posts.	225 00
" 26	146	F. W. Devoe & Co.	Paints, oils, etc.	17 80
" 30	147	J. W. Bartlett.	20 boulevard lamps.	120 00
" 31	148	Metropolitan Gas-light Co.	Gas to public offices, etc., month of August.	10 75
" 31	149	Harlem Gas-light Co.	Gas to public offices, etc., month of August.	6 32
" 31	150	New York Gas-light Co.	Gas to public markets, etc., month of August.	656 00
" 31	151	Manhattan Gas-light Co.	Gas to public markets, etc., month of August.	489 75
Sept. 1	152	Central Gas-light Co.	Lighting public lamps, month of August.	5,664 05
" 1	153	Suburban Gas-light Co.	Lighting public lamps, month of August.	3,883 33
Aug. 31	154	New York Gas-light Co.	Lighting public lamps, month of August.	4,398 45
" 31	155	New York Mutual Gas-light Co.	Lighting public lamps, month of August.	6,192 91
" 31	156	Manhattan Gas-light Co.	Lighting public lamps, month of August.	7,325 57
" 31	157	Metropolitan Gas-light Co.	Lighting public lamps, month of August.	9,567 05
" 31	158	Harlem Gas-light Co.	Lighting public lamps, month of August.	12,128 80
" 31	159	Francis Finnin.	Cartages, month of August.	82 75
Sept. 7	160	J. L. Mott Iron Works.	50 cast-iron lamp-posts.	540 00
" 13	161	Edgar Close.	150 street lamps.	450 00
" 21	162	J. L. Mott Iron Works.	2 lamp brackets.	10 00
" 21	163	Edgar Close.	75 street lamps.	225 00
" 21	164	Edgar Close.	125 street lamps.	383 00
" 27	165	William T. Nash.	Solder.	12 50
" 28	166	Edgar Close.	Repairing ornamental lamp.	6 00
" 28	167	Metropolitan Gas-light Co.	Gas to public offices, etc., month of September.	26 00
" 28	168	Manhattan Gas-light Co.	Gas to public markets, etc., month of September.	545 50
" 30	169	New York Gas-light Co.	Gas to public markets, etc., month of September.	682 00
" 30	170	Harlem Gas-light Co.	Gas to public markets, etc., month of September.	44 06
" 30	171	Pay-roll.	Lighters of markets, month of September.	95 00
" 30	172	Pay-roll.	Inspectors, painters, etc., month of September.	641 00
Total for Lamps and Gas.				\$159,193 19
On account of Contingencies, Department of Public Works.				
July 1	107	Thos. O'Callaghan.	Hire of horse and wagon, and traveling expenses.	62 50
Total.				\$159,255 69

Exhibit "B."

Statement showing the Amounts of Vouchers drawn for Gas to the various Public Markets, Offices, etc., and for Fitting Up, Repairing, and Lighting the Public Lamps, etc., for the Quarter ending September 30, 1876.

Washington Market.....	\$403 25	
Catharine Country Market.....	29 50	
Catharine Meat Market.....	17 00	
Fulton Meat Market.....	152 50	
Fulton Country Market.....	248 75	
Essex Market.....	202 25	
Centre Market.....	294 00	
Clinton Market.....	192 25	
Union Market.....	35 75	
Tompkins Market.....	163 25	
Jefferson Market.....	117 75	
	<hr/>	\$1,856 25
First District Police Court.....	\$165 50	
Second District Police Court.....	85 00	
Third District Police Court.....	83 00	
Fourth District Police Court.....	28 00	
Fifth District Police Court.....	4 12	
	<hr/>	365 62
Second District Civil Court.....	\$16 50	
Third District Civil Court.....	10 00	
Fourth District Civil Court.....	13 25	
Fifth District Civil Court.....	1 50	
Sixth District Civil Court.....	3 00	
Eighth District Civil Court.....	3 50	
	<hr/>	47 75
Brown Stone (Court-room) Building.....	\$15 25	
New Court-house.....	534 00	
Cith Hall.....	411 75	
Receiver of Taxes' Office.....	59 00	
Corporation Attorney's Office.....	31 50	
Rivington Street Pipe Yard.....	7 25	
Department of Buildings' Office.....	25	
County Jail.....	273 50	
Public Bath, Fifth street, East river.....	43 75	
Public Bath, Bethune street, North river.....	42 50	
Public Bath, Thirty-seventh street, East river.....	19 50	
South Gate-house.....	14 56	
Office Bureau of Boulevards, Roads, and Avenues.....	27	
Engine-house at High Bridge.....	35 47	

Lighting Public Markets .....	\$285 00
Painting Public Lamps .....	696 00
Paints, Oils, etc. ....	50 49
Repairing Public Lamps .....	307 50
Painting Street-signs .....	276 00
Inspectors .....	675 00
New Street-lamps .....	1,454 00
New Boulevard-lamps .....	1,645 00
New Lamp-posts .....	1,080 00
New Lamp-posts, Twenty-fourth Ward .....	600 00
New Lamp-posts, Pipe, and Fittings for High Bridge .....	880 61
New Street-lamps, Twenty-fourth Ward .....	225 00
New Lamp-irons .....	100 00
Lamp brackets .....	10 00
Cartages .....	184 75
Lamp Maps .....	125 00
Fitting up new Lamp-posts .....	1,270 00
Resetting and Repairing Lamp-posts .....	1,667 00
Lighting Public Lamps .....	115,261 53
Lighting Public Lamps, Twenty-third and Twenty-fourth Wards .....	28,642 14
	<hr/>
	\$155,435 02
Total for "Lamps and Gas" .....	\$159,193 19

CONTINGENCIES—DEPARTMENT OF PUBLIC WORKS.

Hire of Horse and Wagon.	62 50
Total.	\$159,255 69

Exhibit "C."

Summary of the Appropriation for "Lamps and Gas for 1876," showing the Condition of the Appropriation, with a List of Liabilities against the Appropriation, for the Quarter ending September 30, 1876.

Amount appropriated for "Lamps and Gas " for 1876.....	\$700,000 00
Amount of vouchers drawn to June 30.....	\$306,749 54
Amount of vouchers drawn during quarter ending September 30.....	159,193 19
Total amount of vouchers drawn to September 30.....	465,942 73
Balance against which no vouchers have been drawn.....	\$234,057 27
Less amount transferred to account of "Wells and Pumps," by resolution of Board of Apportionment, September 15, 1876.....	250 00
Total balance on September 30.....	\$233,807 27
LIABILITIES.	
New York Gas-light Co., lighting public lamps, month of September..	\$4,359 16
Manhattan Gas-light Co., lighting public lamps, month of September..	7,267 29
Metropolitan Gas-light Co., lighting public lamps, month of September	9,488 08
Harlem Gas-light Co., lighting public lamps, month of September....	12,703 00
New York Mutual Gas-light Co., lighting public lamps, month of September .....	6,135 11
Central Gas-light Co., lighting public lamps, month of September....	5,664 05
Suburban Gas-light Co., lighting public lamps, month of September...	3,883 33
Francis Finnin, cartages, month of September.....	73 50
J. B. & J. M. Cornell, 50 Boulevard lamp-posts.....	545 00
	50,118 52
Balance available September 30, 1876.....	\$183,688 75

Exhibit "D."

Summary of the "Lamp Account," showing the number of New Lamps Lighted, Old Lamps Relighted, and number Discontinued by each Gas Company, for the Quarter ending September 30, 1876.

NEW YORK GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1876.	2,447
Number of new lamps lighted during quarter ending September 30.	8
Number of old lamps relighted during quarter ending September 30.	2
Less lamps discontinued during quarter ending September 30.	2,457
Number of lamps burning September 30.	5
MANHATTAN GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1876.	4,138
Number of new lamps lighted during quarter ending September 30.	2
Number of old lamps relighted during quarter ending September 30.	1
Less lamps discontinued during quarter ending September 30.	4,141
Number of lamps burning September 30.	30
METROPOLITAN GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1876.	3,612
Number of new lamps lighted during quarter ending September 30.	71
Number of old lamps relighted during quarter ending September 30.	16
Less lamps discontinued during quarter ending September 30.	3,699
Number of lamps burning September 30.	8
HARLEM GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1876.	3,887
Number of new lamps lighted during quarter ending September 30.	90
Number of old lamps relighted during quarter ending September 30.	68
Less lamps discontinued during quarter ending September 30.	4,045
Number of lamps burning September 30.	11
NEW YORK MUTUAL GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1876.	3,535
Number of new lamps lighted during quarter ending September 30.	4
Number of old lamps relighted during quarter ending September 30.	3
Less lamps discontinued during quarter ending September 30.	3,542
Number of lamps burning September 30.	8
CENTRAL GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1876.	1,534
Number of new lamps lighted during quarter ending September 30.	...
Number of old lamps relighted during quarter ending September 30.	...
Less lamps discontinued during quarter ending September 30.	1,534
Number of lamps burning September 30.	1,534



## SUBURBAN GAS-LIGHT COMPANY.

Number of lamps burning June 30, 1876.....	932
Number of new lamps lighted during quarter ending September 30.....	
Number of old lamps relighted during quarter ending September 30.....	
	932
Less lamps discontinued during quarter ending September 30.....	
Number of lamps burning September 30.....	932
Total number of lamps burning September 30, 1876.....	20,288
RECAPITULATION.	
Number of lamps burning June 30, 1876.....	20,085
Number of new lamps lighted during quarter ending September 30.....	175
Number of old lamps relighted during quarter ending September 30.....	90
	265
Less lamps discontinued during quarter ending September 30.....	20,350
	62
Total number of lamps burning September 30, 1876.....	20,288

CITY OF NEW YORK—DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF REPAIRS AND SUPPLIES,  
SUPERINTENDENT'S OFFICE, CITY HALL, ROOM 18,  
NEW YORK, October 2, 1876.

ALLAN CAMPBELL, *Commissioner of Public Works* :

SIR—In accordance with the requirements of chapter 335, section 110, Laws of 1873, and in compliance with your instructions, I herewith submit the following report of the business of this Bureau, performed for three months, ending September 30, 1876.

The contract for building the four additional free floating baths has been completed, the last bath having been delivered to the city on the 30th September.

The Exhibits marked "A," "B" and "C," hereto annexed, show the number and amount of certified vouchers drawn during the three months, also where the same have been charged, and also the condition of the appropriations for 1876.

Respectfully,

THOMAS KEECH, Superintendent Repairs and Supplies.

## Exhibit "A."

Showing the Number and Amount of Vouchers drawn on account of the Appropriations therein named, from July 1, 1876, to September 30, 1876, inclusive, from the Appropriations of 1876.

TITLE OF APPROPRIATIONS.	NUMBER.	AMOUNT.
Supplies for and Cleaning Public Offices.....	39	\$10,833 28
Public Buildings—Construction and Repairs.....	50	8,266 86
Free Floating Baths.....	16	3,026 60
Additional Free Floating Baths.....	8	1,099 41
Contingencies—Department of Public Works.....	10	1,488 20
City Contingencies.....	1	104 71
Totals.....	124	\$24,819 06

## Exhibit "B."

Showing the Amount of Expenditures for which certified Vouchers have been drawn on account of the several Appropriations therein named, and also showing the Courts, Departments, etc., for which the same has been charged, from July 1, 1876, to September 30, 1876, both inclusive.

COURTS, DEPARTMENTS, ETC.	Supplies for and Cleaning Public Offices.	Public Buildings—Construction and Repairs.	Free Floating Baths.	Additional Free Floating Baths.	Contingencies—Department of Public Works.	City Contingencies.	TOTALS.
First District Police Court.....		\$128 06					\$128 06
Second ".....		14 84					14 84
Third ".....	\$6 00	19 74					25 74
Fourth ".....		20 36					20 36
Third District Civil Court.....		6 36					6 36
Fifth ".....	14 10						14 10
Seventh ".....	44 93	52 64					97 57
Ninth ".....	10 00	55 00					65 00
Washington Market.....		819 07					819 07
Catharine ".....		53 32					53 32
Clinton ".....		5 44					5 44
Franklin ".....		6 75					6 75
Fulton ".....		9 02					9 02
Department of Public Works.....		689 05					689 05
Chief Clerk's Office.....	16 75				\$8 00		24 75
Mayor's Office.....	11 75						11 75
Contract Clerk's Office.....	5 00						5 00
Bureau of Incumbrances.....	5 00						5 00
Bureau of Street Improvements.....	50 25						50 25
Bureau of Repairs and Supplies.....	616 60	338 45			81 70		1,036 75
Pay-rolls.....	8,832 98	318 00					9,150 98
Bureau of Chief Engineer.....	6 00						6 00
City Hall.....	188 63	106 23			1,398 50	\$104 71	1,798 07
City Record.....	16 00						16 00
Board of Aldermen.....	8 00						8 00
Finance Department.....	90 00						90 00
Commissioners of Accounts.....	35 00						35 00
Free Floating Baths.....			\$3,026 60				3,026 60
New Court-house.....	172 09	766 14					938 23
County Clerk's Office.....	10 00						10 00
Court of General Sessions.....	255 36	571 69					827 05
Register's Office.....		9 67					9 67
Brown-stone Building.....		1,434 14					1,434 14
Supreme Court.....		1,264 49					1,264 49
Marine Court.....	288 54	1,339 11					1,627 65
Bureau, Construction of Roads and Avenues.....	18 25						18 25
Arsenal corner of Elm and White streets.....		207 47					207 47
Board of Excise.....		25 98					25 98
Fifth Regiment Armory.....	132 05	5 84					137 89
Additional Free Floating Baths.....				\$1,099 41			1,099 41
Totals.....	\$10,833 28	\$8,266 86	\$3,026 60		\$1,099 41	\$104 71	\$24,819 06

## Exhibit "C."

Showing the Condition of the Appropriations of 1876 upon which Vouchers have been drawn since last Report.

Supplies for and Cleaning Public Offices—	
Balance, June 30, 1876.....	\$35,044 35
Vouchers transmitted from July 1 to September 30, inclusive.....	10,833 28
Balance, September 30, 1876.....	\$24,211 07
Public Buildings—Construction and Repairs—	
Balance, June 30, 1876.....	\$27,997 37
Vouchers transmitted from July 1 to September 30, inclusive.....	8,266 86
Balance, September 30, 1876.....	\$19,730 51
Free Floating Baths—	
Balance, June 30, 1876.....	\$5,302 57
Vouchers transmitted from July 1 to September 30, inclusive.....	3,026 60
Balance, September 30, 1876.....	\$2,275 97
Additional Free Floating Baths—	
Amount of appropriation.....	\$60,000 00
Vouchers transmitted from July 1 to September 30, inclusive.....	1,099 41
Balance, September 30, 1876.....	\$58,900 59

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF INCUMBRANCES,  
September 30, 1876.

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

SIR—In accordance with your directions, I herewith transmit the following report of the operations of this Bureau during the past three months: July, August and September.

There have been received four hundred and twenty-five (425) complaints of incumbrances and obstructions on the streets and sidewalks; in every instance where cause existed, notices have been served on the parties complained of, which notices are generally complied with; numerous complaints are made of incumbrances allowed by ordinance and permit.

There have been eighty (80) removals made by this Bureau, after service of notice to the Corporation yards or other suitable place, at a cost to the city of one hundred and eighty-five dollars and fifty cents (\$185.50); there has been collected from owners redeeming property removed, the sum of one hundred and twenty-five dollars and ninety cents (\$125.90), which has been paid over to the Chamberlain of the city.

Upon application, eight hundred and thirteen (813) builders' permits have been granted during the past three months.

There have been issued and served on owners or agents fifty-five (55) notices to repair sidewalks, curb and gutter stones, which have generally been complied with.

There have been granted ten (10) permits to cut down trees, and also forty (40) special permits; two (2) notices have been served to replace vault covers.

In addition I would respectfully report that 1,555 complaints of dead trees and also 604 dangerous telegraph poles have been made by the police to this Bureau, and that notices have been served on all parties complained of that could be found.

The several Telegraph Companies and Police and Fire Departments have removed and made such repairs (except in a few cases), as render the poles safe.

Many dangerous trees have been and are being removed in accordance with notices served.

Respectfully submitted,

SETH C. DOUGLASS, Superintendent of Incumbrances.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF SEWERS, ROOM NO. 21, CITY HALL,  
NEW YORK, October 3, 1876.

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 September 30, 1876.

Respectfully,

STEVENSON TOWLE, Engineer in Charge of Sewers.

Report of the Transactions of the Bureau of Sewers, for the quarter ending September 30, 1876.

## Sewer Permits—

Amount received for 222 permits for sewer connections, and credited to General Fund.....	\$3,990 00
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## Vitrified Stoneware Pipe—

Amount received for pipe sold to contractors, and credited to Street Improvement Fund.....	\$277 20
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## Engineers' Fees—

Amount of Engineers' and Surveyors' fees assessed on property benefited and charged on Assessment Lists, to be credited to Street Improvement Fund.....	\$2,362 00
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## Sewers—Repairing and Cleaning—

Unexpended balance, June 30, 1876.....	\$66,648 08
Vouchers transmitted to the Commissioner of Public Works:	
Pay-rolls of mechanics and laborers.....	\$6,031 75
Foster & Holland, cleaning basins.....	14,400 00
Michael Smith, repairing a sewer.....	393 14
Materials, tools, etc.....	917 67
Balance, September 30, 1876.....	44,905 52
	66,648 08

## Sewer Repair Stock—

Unexpended balance, March 31, 1876.....	\$563 03
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## Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works.....	\$74,926 31
Pay-rolls of Engineers, etc.....	\$14,544 93
Pay-rolls of Inspectors on sewers.....	2,164 00
On contracts for sewers.....	57,833 59
On contracts for drain.....	242 00
Sundries.....	141 79
	74,926 31

## Work done by mechanics and laborers attached to this Bureau, William Webb, foreman—

- 4,450 lineal feet of sewer cleaned.
- 194 lineal feet of brick sewer rebuilt.
- 75 lineal feet of pipe sewer rebuilt.
- 49 lineal feet of culvert rebuilt.
- 6 receiving-basins rebuilt.
- 39 receiving-basins repaired.
- 14 new manhole frames put on.
- 24 new manhole covers put on.
- 13 new granite basin heads put on.
- 4 new basin covers put on.



18 basin covers replaced.  
79 manholes repaired.  
55 manholes changed to grade of streets.  
35 manhole frames and covers reset.  
14 basin heads reset.

Work done under contracts—  
3,609 receiving-basins cleaned.  
6,631 lineal feet of sewer built.  
331 lineal feet of culvert, and  
8 receiving-basins built.

Making the present total length of sewerage in the city 1,872,525 lineal feet (354 64-100 miles), with 4,290 receiving-basins.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF CONSTRUCTION OF ROADS AND AVENUES,  
ROOM 18½ CITY HALL,  
NEW YORK, September 30, 1876.

Hon. ALLAN CAMPBELL,  
Commissioner of Public Works :

SIR—I have the honor to submit the following report of the operations and progress of the work under the charge of this Bureau for the quarter ending September 30, 1876.

The following is a statement of the amounts of the pay-rolls and bills for work done and materials furnished from this Bureau during the quarter :

For the construction of		
Boulevard sewers, 12 E.....	1,486	18
“ 13 B.....	78	98
“ 14 B.....	5,058	15
“ 1 D.....	210	11
Boulevard, North of One Hundred and Fifty-fifth street.....	13	89
Boulevard planting.....	230	29
Avenue St. Nicholas sewer, 12 O.....	2	08
Avenue St. Nicholas planting.....	28	88
Seventh avenue planting.....	46	57
Sixth avenue planting.....	198	69
Avenue A, Fifty-seventh to Eighty-sixth street.....	2,130	69
Avenue A, Fifty-seventh to Eighty-sixth street, superstructure.....	13	44
First avenue, Eighty-sixth to One Hundred and Sixteenth street.....	605	79
First avenue, Eighty-sixth to One Hundred and Sixteenth street, superstructure.....	1	35
One Hundred and Tenth street, First avenue to Riverside Drive.....	202	36
One Hundred and Tenth street, First avenue to Riverside Drive, superstructure.....	12,817	47
Avenue A, One Hundred and Sixteenth street, to Harlem river.....	328	84
Avenue A, One Hundred and Sixteenth street to Harlem river, superstructure.....	2,402	77
One Hundred and Twenty-fourth street, Avenue A to Sixth avenue.....	649	16
One Hundred and Twenty-fourth street, Avenue A to Sixth avenue, superstructure.....	5,582	96
One Hundred and Sixteenth street, Avenue A to Sixth avenue.....	584	62
One Hundred and Sixteenth street, Avenue A to Sixth avenue, superstructure.....	2,245	53
One Hundred and Sixteenth street, between Sixth and Seventh avenues, Telford pavement.....	139	46
Avenue B, Seventy-ninth to Eighty-sixth street.....	330	46
Tenth avenue, One Hundred and Tenth to Manhattan street.....	1,248	96
Tenth avenue, One Hundred and Tenth to Manhattan street, sewers.....	2,871	71
One Hundred and Twenty-second street, Tenth avenue to Riverside Drive.....	2,623	08
One Hundred and Twenty-third street, New avenue west Mount Morris to Ninth avenue.....	210	89
One Hundred and Twenty-third street, Eighth to Ninth avenue, and Tenth avenue to Boulevard.....	188	95
Twelfth avenue, One Hundred and Twenty-ninth to One Hundred and Thirtieth street.....	4	16
Ninth avenue, One Hundred and Twenty-third to One Hundred and Twenty-sixth street.....	209	48
New avenue, between Eighth and Ninth avenue, One Hundredth to One Hundred and Tenth street.....	15,967	32
New avenue, between Eighth and Ninth avenues, One Hundred and Fourteenth street to Avenue St. Nicholas.....	1,478	68
New avenue, between Eighth and Ninth avenues, from north line of One Hundred and Fourteenth street to 110 10-100 feet south.....	77	33
Morningside avenue, west.....	13	44
Ninety-sixth street, First to Fifth avenue.....	20	97
One Hundred and Fifty-second street, Avenue St. Nicholas to Boulevard, pavement.....	3,110	19
Kingsbridge Road, One Hundred and Fifty-fifth street to Harlem river.....	13	44
Boulevards, Roads, and Avenues, Maintenance of.....	13,234	84

The present condition of the several improvements in progress is as follows, viz :

THE BOULEVARD, FROM THE CIRCLE AT FIFTY-NINTH TO ONE HUNDRED AND FIFTY-FIFTH STREET.

The sewers which were commenced in August, 1872, have been completed ; and the maps, plans and estimates have been made and transmitted to the Bureau of Sewers, so that the Assessment list may be prepared.

EASTERN BOULEVARD.

ONE HUNDRED AND TENTH STREET, FROM FIRST AVENUE TO RIVERSIDE DRIVE.

The carriageway of Macadamized surface has been completed between the Ninth and Tenth avenues, except about ten feet of the roadway in Tenth avenue (at which point a sewer is being constructed).

This opens for public travel the street from the Second avenue to the Riverside Drive.

Between the First and Second avenues, the opening of which was confirmed July 13, 1876, the regulating, grading, curbing, and flagging has been done, and Telford pavement laid, and is now in readiness for the Broken stone. This block when finished completes the entire length of the street designated as a part of the Eastern Boulevard.

ONE HUNDRED AND SIXTEENTH STREET, FROM AVENUE A TO SIXTH AVENUE.

The work done during the quarter has been the completion of the roadway to the curb lines of the Fourth avenue, which completes the portion of this street (from Sixth avenue to Avenue A) designated as a portion of the Eastern Boulevard. The estimates and plans have been prepared for the Assessment list, and are now in the hands of the City Surveyor.

AVENUE A, FROM ONE HUNDRED AND SIXTEENTH STREET TO THE HARLEM RIVER.

The regulating and grading of the block between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets, has been done, the Telford pavement laid, and first layer of broken stone furnished and the rolling is now in progress. Between One Hundred and Sixteenth and One Hundred and Nineteenth streets, the work is still delayed by reason of small portions of the avenue not being legally opened.

ONE HUNDRED AND TWENTY-FOURTH STREET, FROM AVENUE A TO SIXTH AVENUE.

The sewer between First and Second avenues having been completed, the regulating, grading, curbing, and flagging have been done and Telford, Macadamized pavement is in progress and will be fully finished by October 10th.

This completes the improvements of the street so far as the same can be done under the Eastern Boulevard Act (chapter 528, Laws of 1873).

FIRST AVENUE, FROM EIGHTY-SIXTH TO ONE HUNDRED AND SIXTEENTH STREET.

The regulating and grading of this portion of the Eastern Boulevard, between Ninety-second and One Hundred and Ninth streets, is still delayed, awaiting the decision of the Court in the legal proceedings taken in April last by the sureties of the late J. L. Brown, who claim to have a contract for the work.

NINETY-SIXTH STREET, BETWEEN FIRST AND FIFTH AVENUES.

A contract having been made on very favorable terms, for the filling required to complete the portion of the street between First and Second avenues, work was commenced by the contractor, September 13th, and the curb and flagging has been ordered.

AVENUE B, FROM SEVENTY-NINTH TO EIGHTY-SIXTH STREET.

The regulating, grading curbing, and flagging of this portion of the Eastern Boulevard was given out by contract at public letting July 19, 1876; and work was commenced by the contractor on September 7th, and is now in progress, and by the terms of the contract is to be completed in one hundred days.

TENTH AVENUE, FROM ONE HUNDRED AND TENTH TO MANHATTAN STREET.

On July 19th the sewers were given out by contract, the excavation therefor having been previously made by day's work ; and the work was commenced by the contractor on July 31st, and is still in progress.

The curbing and flagging, which was delayed by reason of the sewers, has been commenced and is now in progress. A large amount of earth filling is required for the regulating and grading, between One Hundred and Tenth and One Hundred and Thirteenth streets, which has been delayed until the laying of the large pipes, sewers, etc., and also to trim up between One Hundred and Thirteenth and Manhattan streets.

WORK DONE BY ORDINANCE OF THE COMMON COUNCIL.

ONE HUNDRED AND TWENTY-SECOND STREET, FROM TENTH AVENUE TO RIVERSIDE DRIVE.

The improvement of this street is now completed except the pavement crossing the Tenth avenue, which is now in progress.

NEW AVENUE, BETWEEN EIGHTH AND NINTH AVENUES, FROM ONE HUNDREDTH STREET TO AVENUE ST. NICHOLAS.

The filling required for the completion of this avenue was given out by contract on July 19th, and work was commenced August 4th and is now in progress, and can be fully completed this season.

ONE HUNDRED AND SIXTEENTH STREET, BETWEEN SIXTH AND SEVENTH AVENUES, TELFORD-MACADAMIZED PAVEMENT.

According to the ordinance, proposals were received for this work July 19th, and was contracted for and work commenced August 15th, and is now well advanced.

ONE HUNDRED AND FIFTY-SECOND STREET, BETWEEN AVENUE ST. NICHOLAS AND THE BOULEVARD, MACADAMIZED PAVEMENT.

Proposals for this work were also received July 19th, and the work contracted for is completed so far as is practicable until the sewer is built between Tenth avenue and Avenue St. Nicholas, an ordinance for which was passed since the pavement was commenced ; and the contractor has been verbally notified to suspend work on the pavement until further orders.

BOULEVARDS, ROADS AND AVENUES, MAINTENANCE OF.

The length and area of roadways being maintained July 1st was 22,607-1000 miles of all widths, or 875,210 square yards.

The length and area completed during the quarter are 7,200 square yards or 0.284 miles.

The length and square yards now being maintained are 882,410 square yards, or 22.891-1000 miles.

The present force employed is 4 foremen, 22 laborers, and 27 single and double teams.

FORCE EMPLOYED.

The force employed upon all the works of improvement on July 1, 1876, was 459 men and teams.

The present force is 156 men and teams.

Respectfully submitted,

M. A. KELLOGG,  
Engineer-in-Chief,  
Bureau Construction Roads and Avenues.

DEPARTMENT OF PUBLIC WORKS,  
CONTRACT CLERK'S OFFICE, ROOM 21, CITY HALL,  
NEW YORK, October 5, 1876.

Hon. ALLAN CAMPBELL, Commissioner of Public Works :

DEAR SIR—Agreeably to your instructions, I herewith transmit a complete report, explaining, in detail, the business transactions which have taken place in this office during the months of July, August and September of the present year :

CONTRACTS MADE.

Regulating and Grading, ten ; amount.....	\$93,563	65
Sewers, six ; amount.....	21,757	59
Receiving Basins, two ; amount.....	2,508	80
Paving, fourteen ; amount.....	98,819	70
Crosswalks, two ; amount.....	819	00
Miscellaneous, ten ; amount.....	77,276	76
Fencing, five ; } amounting to less than \$1,000 each.....	728	49
Flagging, one ; }		
	\$295,473	99

CONTRACTS FINISHED.

Regulating, Grading, etc., thirteen ; amount.....	\$235,580	36
Telford McAdam pavement.....	323,702	66
Sewer, six.....	37,714	23
Pavements, nine.....	101,252	14
Fencing, ten.....	1,329	85
Flagging, five.....	6,913	86
Crosswalks, two.....	990	44
Miscellaneous, seven.....	32,616	24
	\$740,099	78

During the above period a number of important contracts (authorized by resolution of the Common Council), for laying additional Croton-water mains in various streets of this city where the water supply was inadequate to the demands of the population, have been duly awarded by you, at prices far below what was originally estimated by this Department as the probable cost of these projected improvements. In connection with these works contracts were also awarded several of our leading iron manufacturers for supplying this Department, as required, 290 cast iron stop-cocks, of different sizes, and at prices nearly 40 per cent. cheaper than those previously paid by the city within the past two years for the same material.

For the past three months the total amount of supplies furnished the Department of Public Works, upon orders regularly signed and issued by you through this office, will not, in the aggregate, exceed forty thousand dollars, as compared with nearly one hundred thousand expended during the same months of last year, and over three hundred thousand dollars during a corresponding period in 1874.

It has been my constant care to cause the utmost economy to be invariably exercised in the issuance of all orders for supplies, and in the examination of the bills and accounts rendered by the respective claimants, the strictest possible scrutiny ; and I am convinced that a rigid and impartial adherence to these principles will always result in obtaining the articles required at a much less expenditure of money, and in a far more satisfactory manner to the city, than by any other method. The dealers who are anxious to dispose of their goods, are also better satisfied when an equal opportunity for estimating, on the basis of a fair and impartial competition is extended to them, as it effectually wipes out entirely all exclusion and monopoly.

Very respectfully yours,

AUGUSTUS T. DOCHARTY,

Contract Clerk.

Contracts made during the three months ending September 30, 1876.

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
1876. July 20	Regulating, grading, etc., both sides of Fourth avenue, from One Hundred and Second to One Hundred and Tenth street, and on west side, between One Hundred and Fourth and One Hundred and Sixth streets	Edward Bradburn, 347 E. 82d st.....	Bernard Maloney, Lex. ave. and 91st st. John Ryan, 44 Prince street.....	\$12,585 00
" 7	Regulating, grading, etc., One Hundred and First street, between Boulevard and Riverside Park.....	Abraham Dowdney, 1037 Third ave.....	John D. Crimmins, 823 Lex. avenue..... Thomas Crimmins, 252 E. 60th street....	4,794 60



DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.	DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
1876. July 29	Regulating, grading, etc., New avenue (intermediate), the Eighth and Ninth avenues, from the northerly line of One Hundredth street to the southerly line of One Hundred and Tenth street, and from One Hundred and Fourteenth to One Hundred and Twenty-third street.	George F. Doak, 333 W. 50th st.	Martin B. Brown, 770 Lexington ave... Bernard Maloney, Lex. ave. and 91st st.	\$1,638 50	1876. July 8	Furnishing materials and building four free floating baths	J. C. Brady, 117 E. 113th street...	P. F. Maginn, 416 E. 57th street... T. O'Reilly, 1091 First avenue ...	\$27,600 00
" 29	Regulating, grading, etc., New avenue (intermediate), the Eighth and Ninth avenues, from the northerly line of One Hundred and Fourteenth street to 100 feet south of One Hundred and Fourteenth street	George F. Doak, 333 W. 50th street...	Martin B. Brown, 770 Lexington ave... Bernard Maloney, Lex. ave. and 91st st.	971 50	" 24	Laying Croton water-mains in One Hundred and Thirty-fifth, One Hundred and Forty-fifth, One Hundred and Forty-third, One Hundred and Forty-first, One Hundred and Fifty-third, and One Hundred and Fifty-sixth streets, in Twenty-third Ward	Edward Bradburn, 347 E. 82d street	Bernard Maloney, 91st st. and Lex. ave. William Cowen, Broadway & 10th av.	3,644 25
" 31	Regulating and grading One Hundred and Thirtieth street, from Morningside Drive to Riverside Drive	Matthew H. Moore, 220 E. 105th street...	Charles Devlin, 311 E. 57th street... Terrence McGuire, 159 E. 112th street...	7,874 55	" 7	Furnishing materials, and manufacturing and delivering to the Department of Public Works 170 cast-iron stop-cocks	Fletcher, Harrison & Co., 266 and 267 West st.	Charles W. Hewison, 427 W. 27th street... Samuel Putnam, 551 Broome street...	6,230 00
" 31	Regulating and grading One Hundred and Forty-fourth street, from Tenth avenue to the Boulevard	Matthew H. Moore, 220 E. 105th street...	Charles Devlin, 311 E. 57th street... Terrence McGuire, 159 E. 112th street...	2,051 06	" 12	Furnishing the Department of Public Works 50 tons of pig lead	Lucius Hart & Co., 8 and 10 Burling slip.	James Freeborn, 18 E. 41st street.... Henry Randel, 38 E. 38th street....	7,500 00
Aug. 24	Regulating, grading, etc., Ninth avenue, from Seventy-second to Eighty-first street	Terence Smith, 341 E. 30th street....	Bernard Maloney, Lex. ave. and 91st st. Michael Kane, 126 E. 70th street...	9,437 00	" 17	Laying Croton water-mains in Avenue A, Sixty-fifth, Sixty-seventh, Seventy-seventh, and Eighty-ninth streets, Tenth avenue, One Hundred and Fifth and One Hundred and Eighth streets, Fourth avenue, One Hundred and Twenty-third street, and Seventh avenue	L. W. Johnson, 414 W. 34th street...	Bernard Maloney, Lex. ave. and 91st st. John G. Smith, 329 W. 48th street...	2,798 20
" 27	Regulating, grading, etc., One Hundred and Seventh street, from Fifth avenue to Harlem river	Patrick Farley, 164 E. 63d street....	Francis McCabe, 725 Lexington ave... Hugh Newman, 104 E. 66th street...	45,720 00	" 19	Furnishing wrought-iron railing for top of dam, gate, gratings, plates, ladders, iron doors, shutters, etc., for Storage Reservoir	Johnson Brothers, 215 & 217 Grand st.	John F. Mahnken, 188 Second avenue.. William T. Roylance, 310 E. 26th street...	3,250 00
Sept. 6	Regulating, grading, etc., Eastern Boulevard, known as Avenue B, from Seventy-ninth to Eighty-sixth street	T. P. McQuade & J. J. McQuade, Lex. ave. and 89th st.	John McQuade, Lex. ave. and 89th st. Charles Jones, 343 E. 85th street...	5,337 50	" 25	Laying Croton water-mains in William, Frankfort, and Nassau streets	James Baird, 306 E. 57th street....	Matthew Baird, 306 E. 57th street.... C. R. Parfitt, 727 Lexington ave...	5,103 50
" 20	Regulating, grading, etc., One Hundred and Ninth street, between Third and Fifth avenues	John S. Masterson 259 W. 54th street...	Peter Masterson, 233 W. 58th street... M. Treacy, 338 W. 59th street...	3,154 00	Aug. 15	Laying Croton water-mains in Fourth avenue, on both sides, between Forty-ninth and One Hundred and Thirty-second streets	John C. Dowling, 415 E. 83d street ....	John Dowling, 83d st. and Avenue A Patrick Sheehy, 251 E. 83d street....	12,025 31
				\$93,563 65	Sept. 12	Laying Croton water-mains in Fifth avenue, between Twenty-ninth street and Waverley place	James Cunningham, 746 Lexington ave...	John Nesbit, 457 Second avenue... Robert Cunningham, 740 Lexington ave...	4,808 50
July 7	Sewer in One Hundred and Twenty-fourth street, between First avenue and Harlem river, with branches	C. Devlin & J. McKim, 311 E. 57th street...	J. McDermott, 9 Chambers street... J. W. Ambrose, 575 Lexington ave...	\$2,462 65	" 13	Laying Croton water-mains in Church street, between Fulton and Greenwich streets, and in Wooster street, between Canal and Houston streets	Mills & Ambrose, 2d ave. and 38th st...	Benj. Richardson, 692 Eighth avenue...	4,317 00
" 7	Sewer in One Hundred and Fifty-second street, between Boulevard and Hudson river	Abraham Dowdney, 1037 Third avenue...	John D. Crummins, 823 Lexington ave... Thomas Crummins, 252 E. 60th street...	4,442 50	Aug. 1	Fencing vacant lots on Tenth avenue, between Sixty-eighth and Sixty-ninth streets, and on Sixty-eighth and Sixty-ninth streets, extending 250 feet westerly	Patrick Burns, 311 E. 56th street....		\$204 00
" 7	Sewer in Fourth avenue, east side, between Eighty-fifth and Eighty-eighth streets	John B. Healy, 240 E. 105th street...	J. Cunningham, 746 Lexington ave... P. Farley, 164 E. 63d street....	3,701 00	" 1	Fencing vacant lots on south side of Sixty-sixth street, between Lexington and Fourth avenues	Patrick Burns, 311 E. 56th street....		79 22
" 25	Sewer in Tenth avenue, from One Hundred and Tenth to Manhattan street	John Mulholland, 73d st., bet. 1st and 2d aves.	Patrick Sheehy, 251 E. 83d street.... E. C. Sheehy, 1453 Third avenue...	8,088 94	" 1	Fencing vacant lots on south side of Twenty-fourth street, between First avenue and Avenue A	Patrick Burns, 311 E. 56th street....	Special contracts amounting to less than \$1,000 each awarded by competition. Sureties not required.	39 69
Sept. 30	Sewer in One Hundred and Fifty-first street, between Tenth avenue and Boulevard	Michael Flanagan, 319 E. 114th street...	John Hogan, 338 E. 23d street .... Michael Noonan, 174 E. 79th street...	982 50	" 29	Fencing vacant lots on south side of Seventy-ninth street, between Lexington and Fourth avenues	Thomas O'Meara, 214 E. 59th street....		125 55
" 26	Extension of sewer at the foot of West Fifty-ninth street	James Jones, 343 E. 85th street....	Charles Jones, 343 E. 85th street.... P. Sheehy, 251 E. 83d street....	2,080 00	" 28	Fencing vacant lots on south side of Eighty-fifth street, between Lexington and Fourth avenues	Thomas O'Meara, 214 E. 59th street....		18 91
				\$21,757 59	" 19	Flagging north side of Twenty-eighth street, from Third avenue to the East river	Michael Mahony, 416 E. 52d street....		261 12
Sept. 25	Receiving-basins and culverts on the northeast corner of Madison avenue and Sixty-fifth street, at the southwest corner of Sixty-fifth street and Fourth avenue, and Sixty-second street, and in Sixty-second, Sixty-third, Sixty-fourth, Sixty-fifth, and Sixty-ninth streets	John H. McCabe, 33 E. 183d street....	E. C. Sheehy, 1453 Third avenue... C. Jones, 343 E. 85th street....	\$1,080 80					\$728 49
" 22	Receiving-basins and culverts on the southeast corner of Seventieth street and Fourth avenue, southwest corner of Seventy-first street and Fourth avenue, northwest corner of Seventy-second street and Fourth avenue, and Seventy-third, Seventy-fourth, Seventy-fifth, Seventy-sixth, Seventy-seventh, and Seventy-eighth streets	William M. Taylor, 62d st. and 4th ave...	John Nesbit, 457 Second avenue... Patrick Farley, 164 E. 63d street ....	1,428 00					
				\$2,508 80					
July 5	Paving Ninety-second street, from Third to Fifth avenue, with granite pavement	John G. Smith, 433 W. 48th street...	L. W. Johnson, 414 W. 34th street... N. A. Childs, 422 W. 34th street...	\$11,708 00					
" 6	Paving Fifty-sixth street, from Second to Third avenue, with Belgian pavement	William A. Cumming, 5 Dey street.....	Thomas Tone, 123d st. and 7th ave. John Nesbit, 457 Second avenue ..	3,472 50					
" 6	Paving Seventy-fifth street, from First to Third avenue, with granite pavement	Patrick Mulholland, 73d st. bet. 1st and 2d aves.	John Mulholland, 73d st. bet. 1st and 2d av Patrick Sheehy, 251 E. 83d street....	7,016 00					
" 13	Paving Eightieth street, from Third to Fourth avenue, with Belgian pavement	Charles P. Devlin, 213 E. 82d street ....	C. Jones, 343 E. 85th street.... John McQuade, 89th st. and Lex. ave.	4,826 00	1876. July 5	Fencing vacant lots	On block bounded by Forty-fifth and Forty-sixth streets, Madison and Fifth avenues		\$185 45
Aug. 1	Paving One Hundred and Fifty-second street, between Avenue St. Nicholas and the Boulevard, with Telford-McAdam pavement	John A. Bouker, 60 South street.....	John Slattery, 207 W. 57th street... Theodore F. Tone, 130th st., North River	5,847 10	" 5	"	On block bounded by Fifth and Madison avenues, Seventy-fourth and Seventy-fifth streets		249 43
" 4	Paving One Hundred and Fourth street, from Third to Fourth avenue, with granite pavement	Charles Devlin, 311 E. 57th street...	John Mulholland, 73d st., bet. 1st&2d av John W. Ambrose, 575 Lexington avenue	5,437 50	" 15	Paving	Fiftieth street, between Tenth and Eleventh avenues, with granite pavement		248 30
" 15	Paving Ninety-second street, from Eighth avenue to the Boulevard, with Belgian pavement	C. P. Devlin, 213 E. 82d street....	Charles Jones, 343 E. 85th street.... John McQuade, 89th st. and Lex. ave.	11,912 50	" 17	"	Sixtieth street, from Tenth to Eleventh avenue, with Belgian pavement		5,418 17
" 15	Paving One Hundred and Sixteenth street, between Sixth and Seventh avenues, with Telford-McAdam pavement	L. W. Johnson, 414 W. 34th street...	Bernard Maloney, Lex. ave. and 91st st. John G. Smith, 329 W. 48th street...	9,942 10	" 17	Regulating, grading, etc.	One Hundred and Fourth street, from Fifth avenue to Harlem river		4,083 07
" 21	Paving Twenty-third street, from First avenue to Avenue A, with Belgian pavement	William A. Cumming, 5 Dey street .....	James Cunningham, 746 Lexington ave... J. A. Candee, 657 Lexington ave...	4,062 70	" 17	"	Ninety-sixth street, from Eighth avenue to the Boulevard		99,781 03
" 21	Paving One Hundred and Fifth street, from Eighth avenue to the Boulevard, with Belgian pavement	John Mulholland, 73d st., bet. 1st & 2d av	O. L. Marshall, 145 E. 78th street.... Charles Devlin, 311 E. 57th street....	13,608 00	" 17	Fencing vacant lots	In front of No. 476 Pearl street		36,631 64
" 24	Paving One Hundred and Ninth street, from Second to Third avenue, with Belgian pavement	Denis McGrath, Weehawken, N. J...	Bernard Maloney, Lex. ave. and 91st st. Charles Devlin, 311 E. 57th street....	2,761 40	" 25	Regulating, grading, etc.	Forty-third street, from First avenue to the East river		10 80
" 24	Paving One Hundred and Eighteenth street, from Third avenue to Harlem river, with Belgian pavement	Denis McGrath, Weehawken, N. J...	Bernard Maloney, Lex. ave. and 91st st. John Mulholland, 73d st., bet. 1st&2d av	12,561 50	" 25	Fencing vacant lots	On both sides of Seventy-eighth street, between Fourth and Madison avenues		8,948 31
" 24	Paving One Hundred and Twenty-ninth street, from Tenth avenue to the Boulevard, with Belgian pavement	John B. Devlin, 246 E. 61st street ....	Charles Devlin, 311 E. 57th street.... Matthew Baird, 306 E. 57th street....	4,014 50	" 26	Sewer	In Tenth avenue, between Seventy-fifth and Seventy-eighth streets		85 10
Sept. 4	Paving Bloomfield street, from West street to Thirtieth or Exterior avenue, with Belgian pavement	C. Keyes, 220 E. 116th street...	William A. Cumming, 5 Dey street .....	1,649 90	Aug. 2	Paving	Fifty-eighth street, from Tenth to Eleventh avenue, with Belgian pavement		11,040 00
				\$98,819 70	" 4	"	Thirtieth avenue, from Eleventh to Sixteenth street, with granite pavement		3,943 75
July 6	Laying crosswalks across Madison avenue, at intersection of Eighty-sixth, Eighty-seventh, Eighty-eighth, and Eighty-ninth streets	William A. Cumming, 5 Dey street .....	Thomas Tone, 123d st. and 7th ave. John Nesbit, 457 Second avenue ..	\$697 50	" 4	Flagging	One Hundred and Twentieth street, from Third to Sixth avenue South side of Thirty-seventh street, commencing at Lexington avenue and extending 200 feet easterly		47,070 93
" 6	Laying crosswalks at intersection of Lexington avenue and Seventy-eighth street	William A. Cumming, 5 Dey street .....	John Nesbit, 457 Second avenue...	121 50	" 4	"	One Hundred and Twentieth street, from Third to Sixth avenue South side of Thirty-seventh street, commencing at Lexington avenue and extending 200 feet easterly		2,623 08
				\$819 00	" 10	Regulating and grading	One Hundred and Twenty-fourth street, between Eighth avenue and Avenue St. Nicholas		216 02
					" 10	Flagging	One Hundred and Twenty-fifth street, from Third to Eighth avenue		5,583 82
					" 10	Paving	Bogart street, from West street to Thirtieth or Exterior avenue, with Belgian pavement		2,831 63
					" 17	Sewer	In One Hundred and Sixteenth street, between Seventh and Eighth avenues		1,609 75
					" 17	Laying crosswalks	At intersection of Lexington avenue and Seventy-eighth street .. Across Madison avenue, at each of the intersections of Eighty-sixth, Eighty-seventh, Eighty-eighth, and Eighty-ninth streets		1,910 74
					" 17	Paving	Forty-sixth street, from Second to Third avenue, with Belgian pavement		156 47
					" 17	"	One Hundred and Twenty-sixth street, from Third to Sixth avenue, with granite pavement		833 97
					" 17	Fencing vacant lots	On Tenth avenue, between Sixty-eighth and Sixty-ninth streets, and on Sixty-eighth and Sixty-ninth streets, 200 feet westerly On south side of Sixty-sixth street, between Lexington and Fourth avenues		3,727 82
					" 12	Sewer	One Hundred and Fifth street, between Third and Fourth avenues		18,504 91
					" 26	Regulating and grading	Ninety-fifth street, between Third and First avenues		240 32
					" 26	"	Fifty-first street, from Twelfth avenue to the Bulkhead Line		94 62
					" 26	"	Eightieth street, from Third to Fourth avenue		2,015 15
					" 26	"	One Hundred and Nineteenth street, between Third and Fourth avenues		13,249 40
					" 26	Sewers	In Eighth avenue, between Sixty-eighth and Eighty-first streets. In One Hundred and Twenty-fourth street, between First avenue and Harlem river		1,023 92
					" 31	Fencing vacant lots	On south side of Twenty-fourth street, between First avenue and Avenue A		4,880 80
					" 31	Flagging	East side of Ninth avenue, from Fifty-ninth to Sixty-third street.		4,943 51
									18,737 20
									2,743 84
									44 37
									957 70



DATE.	NATURE AND LOCATION OF WORK.	COST.
1876.		
Aug. 31	Regulating and grading.. One Hundred and Thirtieth street, from Seventh to Eighth avenue.....	\$2,416 23
" 31	" " " One Hundred and Thirty-first street, between Sixth and Eighth avenues.....	6,946 42
Sept. 19	" " " Thirty-fifth street, from First avenue to the East river.....	916 45
" 19	" " " Twenty-first street, from Eleventh avenue to Exterior or Thirtieth avenue.....	784 57
" 19	Paving..... Ninety-second street, from Third to Fifth avenue, with granite-block pavement.....	12,723 73
" 11	Sewer..... In Fourth avenue, east side, between Eighty-fourth and Eighty-fifth streets.....	1,267 30
" 6	Regulating, grading, and superstructure..... Avenue A, from Fifty-seventh to Eighty-sixth street.....	304,895 17
" 20	Fencing vacant lots..... South side of Eighty-fifth street, between Lexington and Fourth avenues.....	22 69
" 20	" " " South side of Seventy-ninth street, between Lexington and Fourth avenues.....	148 77
" 26	Regulating, grading, etc.. Tenth avenue, from Eighty-second to Ninety-third street.....	49,474 26
" 26	Flagging..... North side of Twenty-eighth street, from First avenue to the East river.....	285 43
" 26	Paving..... One Hundred and Twenty-ninth street, from Tenth avenue to the Boulevard, with Belgian pavement.....	4,170 01
" 30	Regulating, grading, etc., and superstructure..... One Hundred and Twenty-third street, from westerly line of New avenue, west of Mount Morris square, to the Eighth avenue.....	18,807 49
July 8	Furnishing Department of Public Works with 250,000 Belgian pavement blocks.....	4,029 40
" 25	Furnishing Department of Public Works with 250,000 Belgian pavement blocks.....	5,687 50
" 14	Furnishing Department of Public Works with powder and fuse..	612 17
Aug. 7	Furnishing Department of Public Works with 50 tons of pig lead	7,450 73
" 31	Furnishing Department of Public Works with 120 six-inch stop-cocks.....	2,808 00
Sept. 9	Laying six-inch wrought-iron pipe across Harlem river to Randall's Island.....	9,893 75
" 19	Furnishing Department of Public Works with tapping-cocks and plugs.....	2,134 69
		\$740,099 78

RECAPITULATION.

13	Regulating, grading, etc., contracts.....	\$235,580 36
2	Regulating, grading, and Telford-McAdam pavement contracts.....	323,702 66
6	Sewer contracts.....	37,714 23
10	Pavement contracts.....	101,252 14
9	Fencing contracts.....	1,329 85
5	Flagging contracts.....	6,913 86
2	Crosswalk contracts.....	990 44
7	Miscellaneous contracts.....	32,616 24
54		\$740,099 78

BOARD OF ESTIMATE AND APPORTIONMENT.

BOARD OF ESTIMATE AND APPORTIONMENT,  
CITY OF NEW YORK,  
MAYOR'S OFFICE, CITY HALL,  
Tuesday, November 21, 1876—11 o'clock A. M.

The Board met in pursuance of a call issued under the authority contained in the 112th section of chapter 335, and section 1 of chapter 779, Laws of 1873, and chapters 303, 304, and 308, Laws of 1874, and indorsed by the Mayor, Comptroller, President of the Board of Aldermen, and the President of the Department of Taxes and Assessments.

Present—All the members, viz.:

William H. Wickham, the Mayor of the City of New York; Andrew H. Green, the Comptroller of the City of New York; Samuel A. Lewis, the President of the Board of Aldermen; John Wheeler, the President of the Department of Taxes and Assessments.

The minutes of the meeting held November 8, 1876, were read and approved.

The Chairman presented the following communication:

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,  
NEW YORK, November 15, 1876.

Hon. WILLIAM H. WICKHAM, Mayor,  
and Chairman Board of Estimate and Apportionment:

SIR—Additional means are required to meet the demands for fuel and other necessary supplies for the various offices and courts for the current year, the appropriation for that purpose being nearly exhausted.

I would therefore respectfully request that the sum of eight thousand dollars be transferred from the appropriation for "Lamps and Gas," and the sum of five thousand dollars from the appropriation for "Public Buildings, Construction and Repairs," to the appropriation for "Supplies for and Cleaning Public Offices," for the year 1876.

Very respectfully,  
ALLAN CAMPBELL,  
Commissioner of Public Works.

And offered for adoption the following resolution:

Resolved, That the sum of thirteen thousand dollars be and the same is hereby transferred from the appropriation "Lamps and Gas," 1876, \$8,000; "Public Buildings, Construction and Repairs," 1876, \$5,000—\$13,000—the same being in excess of the amount required for the purposes and objects thereof, to the appropriation "Supplies for and Cleaning Public Offices," 1876, the amount of said appropriation being insufficient.

And put the question whether the Board would agree with said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Chairman presented the following communication:

DEPARTMENT OF PUBLIC PARKS,  
36 UNION SQUARE (EAST),  
NEW YORK, Nov. 15, 1876.

Hon. WM. H. WICKHAM, Mayor,  
Mayor, Chairman Board of Estimate and Apportionment:

DEAR SIR—When I spoke to you in the early part of last month, concerning the arrangements for the inauguration of the Lafayette Statue, you kindly promised that if funds were needed you would have a transfer made by the Board of Estimate and Apportionment for the purpose.

The following bills are the only expenses necessary to provide funds for, namely:

F. Wannemacher, music.....	\$186 00
W. Jenks, music.....	70 00
M. K. Maximilian, hire of flags.....	21 00
	\$277 00

By your having a transfer made to meet these bills, from some unexpended balance, you will much oblige

Yours, respectfully,  
WM. R. MARTIN,  
President D. P. P.

And offered for adoption the following resolution:

Resolved, That the sum of two hundred and seventy-seven dollars be and the same is hereby transferred from the appropriation "Contingencies—Mayor's Office," 1876, the same being in excess of the amount required for the purposes and objects thereof, to the appropriation for "Inauguration of the Lafayette Statue," 1876, for which the same is required.

And put the question whether the Board would agree with said resolution.

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—3.  
Negative—The Comptroller of the City of New York—1.

The Chairman presented the following communication:

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,  
NEW YORK, November 21, 1876.

Hon. WILLIAM H. WICKHAM,  
Mayor, and Chairman of the Board of Estimate and Apportionment:

SIR—The amount of "Croton Water-main Stock" heretofore issued, or authorized to be issued, under the provisions of chapter 477, Laws of 1875, will be required to pay for work now in progress, leaving no means to carry out forty-five resolutions of the Common Council for laying Croton water-mains, which were approved during the month of October.

To enable this Department to carry out these resolutions, I respectfully request your Honorable Board to authorize the further issue of "Croton Water-main Stock of the City of New York," as provided in section 3, chapter 477, Laws of 1875, to the amount of eighty thousand dollars.

Very respectfully,  
ALLAN CAMPBELL,  
Commissioner of Public Works.

Which was referred to the Comptroller.

The Comptroller offered for adoption the following resolution:

Resolved, That the sum of seventy-five dollars be and the same is hereby transferred from the appropriation "Salaries—Judiciary," 1875, the same being in excess of the object and purposes thereof, to the same title of appropriation for the year 1876 (Recorder's Office), for which the same is required.

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

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Chairman presented the following communication:

CITY JUDGE'S CHAMBERS, 82 and 84 NASSAU STREET,  
NEW YORK, November 14, 1876.

To the Honorable the Board of Estimate and Apportionment:

In my estimate of expenses for the year 1877, I inadvertently omitted the sum of \$1,000, salary for Messenger.

I respectfully ask that the sum of \$1,000 be allowed for the purpose stated.

Respectfully yours,  
H. A. GILDERSLEEVE,  
Judge General Sessions.

Which was laid over.

The President of the Department of Taxes and Assessments presented the following communication:

HEALTH DEPARTMENT, No. 301 MOTT STREET,  
NEW YORK, October 31, 1876.

JOHN WHEELER, Esq., Secretary:

SIR—At a meeting of the Board of Health held this day the following preamble and resolution were adopted:

Whereas, Unexpected calls have been made upon the Executive Bureau of this Department during the current year, which have led to the necessity of providing for the service of orders and for the inspection of milk, and of minor nuisances, and an expenditure of \$2,500 has been thereby incurred, which, if not provided for by a transfer must be saved by the discharge of a number of Inspectors for the remaining months of the year; therefore

Resolved, That the Board of Estimate and Apportionment be respectfully requested to transfer the sum of \$2,500 from the Small-pox Hospital Fund for supplies for 1876, to the appropriation for Salaries.

(A true copy.)

EMMONS CLARK, Secretary.

Which was referred to the Comptroller.

By unanimous consent, the rule adopted at meeting of June 23, 1874, relating to the calls of meetings, be suspended in order to act upon the issue of "Croton Water Main Stock," "Additional Croton Water Stock," "Museums of Art and Natural History Stock," "Revenue Bonds."

Whereupon the Comptroller offered for adoption the following resolution:

Resolved, That the Comptroller be and he is hereby authorized to issue from time to time, as may be required, and at such rates of interest as he may determine, not exceeding seven per cent. per annum, "Croton Water Main Stock," as authorized by chapter 477, Laws of 1875, in full of requisition of the Department of Public Works dated June 23, 1876, forty thousand dollars.

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

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Comptroller offered for adoption the following resolution:

Resolved, That the Comptroller be and he is hereby authorized to issue from time to time, as may be required, and at such rates of interest as he may determine, not exceeding seven per cent. per annum, "Additional Croton Water Stock," as authorized by chapters 56 and 328, Laws of 1871, and on account of requisition of the Department of Public Works, of February 23, 1876, fifty thousand dollars.

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

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Comptroller offered for adoption the following resolution:

Resolved, That in pursuance of the authority conferred upon the Board of Estimate and Apportionment by the provisions of section 112, of chapter 335, Laws of 1873, the Comptroller be and he is hereby authorized to issue, from time to time, as may be required, and at such rates of interest as he may determine, not exceeding seven per cent. per annum, "Museums of Art and Natural History Stock," authorized by chapter 290, Laws of 1871, and on account of requisition of the Department of Public Parks, dated September 9, 1875, twenty-five thousand dollars.

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

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Comptroller offered for adoption the following resolution:

Whereas, In pursuance of chapter 296, Laws of 1876, the Boards of Education of the City of New York and School District No. 4, town of Westchester, in the County of Westchester, have determined and adjudged to be due to said School District by the City of New York the sum of \$4,500, with interest from January 1, 1874, to November 15, 1876, amounting in all to \$5,405.62;

Resolved, That in pursuance of said act the Comptroller be and he is hereby authorized to issue Revenue Bonds for the sum of \$5,405.62, for such time and at such rate of interest as he may determine, not exceeding seven per cent. per annum, for the purpose of paying the award as aforesaid.

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

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Comptroller offered for adoption the following resolution:

Resolved, That the sum of forty-five dollars be and the same is hereby transferred from the appropriation "Contingencies, Comptroller's Office," 1876, the same being in excess of the amount required for the purposes and objects thereof, to the same title of appropriation for the year 1873, the amount of the same being insufficient.

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

Which was decided in the affirmative by the following vote:

Affirmative—The Mayor of the City of New York (Chairman), the Comptroller of the City of New York, the President of the Board of Aldermen, and the President of the Department of Taxes and Assessments—4.

The Chairman called up the communication from the Department of Public Parks, referred to the Comptroller to report upon at meeting of September 29, 1876.

Whereupon the Comptroller presented the following report:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
NEW YORK, November 10, 1876.

To the Board of Estimate and Apportionment:

A communication from the Department of Public Parks requests the transfer of certain unexpended balances of appropriations for the years 1874 and 1875, and also certain estimated balances of appropriations for the present year.

This communication was referred to the Comptroller, who respectfully submits the following



## REPORT:

The balances sought to be transferred are as follows:

From sundry unexpended balances of 1874.....	\$4,913 74
From sundry unexpended balances of 1875.....	6,427 59
From balances of appropriations of 1876, as follows:	
Maintenance and Repairs of Bridges over Harlem river.....	\$18,000 00
Celebration of Independence Day.....	326 66
Repairing and Rebuilding Bridges over the Bronx river.....	14,000 00
For Police Salaries.....	20,000 00
	52,326 66
	\$63 667 99
To appropriations for Salaries.....	\$4,000 00
To maintenance of Roads, etc., Twenty-third and Twenty-fourth Wards.....	10,000 00
To maintenance of Parks and Places.....	51,667 99
	\$65,667 99

If all these balances were transferred as requested, the amount required would not be furnished, as there is an error in the statement presented by the Park Department of \$2,000.

The request of the Department of Public Parks made three months before the year is closed, for a sweeping transfer of nearly the entire appropriations for specific purposes of the present year, which it is assumed by that Department will remain unexpended at the end of this year, to other objects of the present year, for which sufficient appropriations, had they be properly husbanded, have already been made, is strongly suggestive of bad faith, and is a proposal which has no precedent, and is not consistent with a sound public policy, or justifiable by any existing circumstances, that have yet been made apparent.

The amount of the appropriations annually made to the Departments is in the discretion of the Board of Apportionment, in order that a limit may be set upon improper or unnecessary expenditures. The power to transfer balances is, within certain limits, also vested in this Board. No transfer should be allowed by this Board until it is satisfied that the objects for which the appropriations were originally made will not need them, nor without the clearest evidence of good faith and of proper administration on the part of the Department asking them.

It is the duty of this Board to look into the reasons before allowing such transfer. A loose interpretation of the law, in this respect, opens the door to abuses in the expenditures of the public moneys; to the diversion of the funds required for one purpose to which the public interest requires they should be applied, to purposes which may better serve the interests of the officers concerned.

The law plainly intends and the practice has been to make transfers for specific purposes only, and whenever the Board is requested to sanction a transfer the particular object and purpose, as well as the reasons for making it, are submitted, and the transfer, if approved, is made accordingly for the specified purpose only, and not for general purposes as is now asked by the Park Department.

Generally speaking, transfers of balances of the current year should never be made except to meet some urgent necessity which the Board of Apportionment approves, and which could not have been clearly foreseen, or to provide for lawful claims which cannot otherwise be paid, and the transfers should only be made from appropriations, the original purposes of which have been accomplished.

Let us see for a moment the action of the Park Department respecting the appropriations and balances which they wish transferred.

That Department asked for \$59,300, to keep the bridges over Harlem river in repair. They were allowed \$40,000 up to November 1, 1876; they have expended \$12,204.29. This money was either required, or it was not. If it was required to keep the bridges in repair, to meet the public necessities, then it should have been so used. If it was not, then the call for it was a wrong upon the taxpayers, and an imposition upon the Board of Apportionment.

The Park Department asked for \$20,000 to maintain the bridges over the Bronx river in 1876. They were allowed \$15,000. Up to first of this month they had expended of this amount only thirty-three dollars and fifty cents. This money was either wanted or it was not. If it was not it should not have been called for; if it was it should have been used for the purpose for which it was supplied. Had considerations of economy dictated the saving of these bridge moneys, or if it was found, after being called for, that they were not required, this would afford some justification for their not being used. But this cannot be claimed, for neither of these propositions is true.

We have seen from what accounts the Park Department wants transfers made, and now let us see to what accounts they wish them to be made. If made, they go to swell the salary accounts which this Board took especial pains to limit, and to swell the maintenance account of the parks already sufficiently provided for.

There is no room for doubt that the number of salaried persons and the salaries paid by the Department of Parks are excessive. I am informed that fruitless efforts have been made on the part of one Commissioner to keep within the appropriations and to reduce salaries, and that the Park Department was repeatedly informed early in the year that unless they economized their moneys they would run short before the year was out—they have had months ago full warning.

The Board of Apportionment has of late strictly adhered to the rule not to transfer apparent balances of former years.

Were the application of the Department of Parks meritorious, this rule would exclude the transfer asked for of the appropriations for 1874 and 1875, and it is now found that the rule is just as applicable to the year 1876, as any balances that may seem to exist are only apparent; they do not exist in fact, and no transfer of them should be made, except in case of imperative necessity. But the transfers asked for by the Park Department should not be made for several other reasons.

Section 2 of chapter 303 of the Laws of 1874, and also of chapter 308 of the same year, provides as follows:

"The said Board of Estimate and Apportionment shall have the power at any time to transfer any appropriation for any year which may be found by the head of the department for which such appropriation shall have been made to be in excess of the amount required or deemed to be necessary for the purposes or objects thereof, to such other purposes or objects for which the appropriations are insufficient, or such as may require the same; and if it is found at the time when the estimate is made of the expenses of conducting the public business of the County of New York for the next succeeding fiscal year, that there will be a surplus or balance remaining unexpended of any appropriation then existing at the end of the current fiscal year, such surplus may be applied to like purposes in the next succeeding year."

In the case of two of the appropriations for 1876 from which the Park Department requests transfers to be made, to wit, the bridge appropriations, it cannot be pretended that the appropriations to these objects and purposes for 1876, are in excess "of the amount required," indeed, it is very clear that they are not in excess, because the Park Department asks for next year still larger sums for the very same purposes, as follows:

For bridges over Harlem river—maintenance, repairs, etc.....	\$56,300 00
For repairing and rebuilding bridges over the Bronx river.....	29,000 00
	\$85,300 00

The law, as above cited, imposes two conditions:

First—That the appropriation from which the transfer is proposed to be made be excessive, and

Second—That there be a deficiency in the appropriation to which the transfer is to be made. Neither of these conditions exist.

The Board of Apportionment fixed the amount to be expended by the Park Department in 1876 for "salaries," at \$55,000, a sum more than adequate; and within this sum the salaries should have been and might easily have been kept; but from the time this Board fixed this limit upon salaries, that Department has proportionately exceeded the amount appropriated for "salaries," and has diminished the Maintenance Account for wages of laborers by attempting to charge to it salaries of certain employees that should be paid from Salary Account, thus creating a deficiency in Wages Account which they now wish supplied. The laborers' money has been sought to be expended by the Park Department to pay salaries. Immediately after the limit placed by this Board on the salaries of the Park Department, nine of the employees of that Department, who had, up to that time, been on the Salary roll, were charged to the account for paying laborers' wages without any apparent change in their duties, and, in one instance, with increased pay. This attempt to divert moneys from one appropriation for the benefit of another was discovered by the Finance Department, notwithstanding continued opposition interposed by the Park Department to getting at the true account of its operations. It was, as I think, a clear attempt to evade the limit placed by this Board on the amount to be expended for salaries.

The Park Department, in a preamble, states that the appropriations \* \* \* were so "distributed by the Board of Estimate and Apportionment to the various works under the control of that Department, that there are deficiencies on some and surpluses on others."

This is not a correct statement of the action of this Board.

There was no gross sum assigned to the Park Department to be distributed. An appropriation of a specific sum was made to each of certain purposes; and the reason there is a "deficiency on some," is that the Park Department has, I fear, conducted its business without regard to economy, and to the necessity of keeping within the appropriations. And the reason there are "surpluses on others," is that the Department has not done the work which the money was appropriated to enable it to do. In fact, the Park Department has expended, according to its own showing, appropriations made to carry on its business for a whole year, within nine or ten months of that year, and has brought itself to grief, and now seeks to throw the consequences upon the Board of Apportionment.

The reasons above stated apply in whole or in part to other balances of 1876 sought to be transferred by the Park Department. The amount awarded for the Police was based upon the then exist-

ing pay of the Police, and any balance on this account is but apparent. The same is the case with the Independence Day money, amounting to about \$300.

I recommend that the transfers requested by the Department of Public Parks shall not be made, but that these moneys, especially the bridge appropriations, be transferred to the General Fund after the year has closed, for the reduction of taxation for the next year, as is authorized by section 112, chapter 335, Laws of 1873.

Or, as is also authorized by the law above quoted, that the bridge appropriations be stricken from the budget of 1877, and the moneys of 1876 raised for these purposes be applied to the same purposes next year, for which money is asked by the Park Department.

It might be well, before determining finally as to what shall be done with the apparent balances of the Police moneys, to examine what amount is necessary to protect the public property for the balance of the year, and if any provision is made by this Board for the purpose, to accompany it with conditions that shall ensure its proper application. I would also make a condition that would compel the rendition of the accounts in this Department as frequently required by the Finance Department.

Respectfully submitted,

AND. H. GREEN, Comptroller.

After debate, and a statement by Commissioner Stebbins of the Department of Public Parks, the Chairman offered the following resolution:

Resolved, That the sum of 10,000 dollars be and the same is hereby transferred from the appropriation "Salaries, Police—Department Public Parks," 1876, the same being in excess of the amount required for the purposes and objects thereof, to the appropriation "Maintenance of the Public Parks and Places to be appropriated specifically to the care and preservation of the Parks for the remainder of the year," the amount of said appropriation being insufficient.

Which was laid over until next meeting.

The Chairman offered the following resolution:

Resolved, That the sum of \$5,000 be and the same is hereby transferred from the appropriation "Salaries, Police—Department Public Parks," 1876, the same being in excess of the amount required for the purposes and objects thereof, to the appropriation "For the special object of Repairs of the Roads and Avenues in the Twenty-third and Twenty-fourth Wards, for the remainder of the year," the amount of said appropriation being insufficient.

Which was laid over until the next meeting.

The Chairman moved that when the Board adjourn, it do so to meet on Thursday, November 23, 1876, at 11 o'clock A. M.

Which was agreed to.

On motion, the Board adjourned.

JOHN WHEELER, Secretary.

## DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS,  
OFFICE OF SUPERINTENDENT,  
No. 2 FOURTH AVENUE,  
NEW YORK, November 20, 1876.

The following comprises the operations of the Department of Buildings for the week ending November 18, 1876.

W. W. ADAMS,  
Superintendent of Buildings.

## BUREAU OF INSPECTION OF BUILDINGS.

## New Buildings.

No. of plans and specifications filed, etc.....	9
No. of buildings embraced in same.....	15
Classified, as follows:	
First-class dwellings.....	7
Second-class dwellings.....	2
French flats.....	2
Tenement houses.....	1
Hotels and boarding-houses.....	1
First-class stores.....	1
Second-class stores.....	1
Third-class stores.....	1
Office buildings.....	1
Manufactories and workshops.....	1
School-houses.....	1
Churches.....	1
Public buildings.....	1
Stables.....	1
Frame buildings (in upper districts).....	1
Total.....	15

Plans passed upon, including those previously filed.....	20
Approved.....	6
Amended and approved.....	9
Disapproved.....	4
Pending.....	1
Total.....	20

## Altered Buildings.

No. of plans and specifications filed.....	11
No. of buildings embraced in same.....	11
Classified, as follows:	
First-class dwellings.....	1
Second-class dwellings.....	2
French flats.....	1
Tenement houses.....	1
Hotels and boarding-houses.....	1
First-class stores.....	1
Second-class stores.....	1
Third-class stores.....	1
Office buildings.....	1
Manufactories and workshops.....	3
School-houses.....	1
Churches.....	1
Public buildings.....	1
Stables.....	3
Frame buildings.....	1
Total.....	11

Buildings examined and plans relating thereto passed upon, including those previously filed.....	14
Approved.....	8
Amended and approved.....	3
Disapproved.....	2
Pending.....	1
Total.....	14

## Special Applications.

Number filed and examinations made.....	14
Approved.....	14
Disapproved.....	1
Pending.....	1
Total.....	14

Respectfully submitted,  
ROBERT MCGINNIS,  
Chief of Bureau.

## BUREAU OF VIOLATIONS AND APPLICATIONS.

Operations for the week ending November 18, 1876:

Complaints received from outside sources.....	14
Violations of the law reported.....	6
“ “ removed.....	25
Unsafe buildings reported.....	16
“ “ made safe.....	18
“ “ taken down.....	1
Surveys held on unsafe buildings.....	1
Violation cases sent to the Attorney for prosecution.....	1
Unsafe building cases sent to the Attorney for prosecution.....	1
Violation notices served.....	6
Unsafe building notices served.....	20
Buildings surveyed as to general condition.....	1

The classification of the unsafe buildings reported is as follows:

Unsafe chimneys.....	8
“ walls.....	3
“ generally.....	3
“ fence.....	1
“ ceilings.....	1
Total.....	16

Respectfully submitted,  
ANDREW OWENS,  
Chief of Bureau.

## BUREAU OF FIRE-ESCAPES AND IRON WORK.

Operations for the week ending November 18, 1876:

Buildings reported for fire-escapes.....	14
Fire-escapes provided.....	14
Arch girders tested (approved).....	3
“ “ (not approved).....	1
Iron beams tested (approved).....	5
“ “ (not approved).....	1
Iron lintels tested (approved).....	1
“ “ (not approved).....	1
Notices for fire-escapes served.....	19
Cases sent to the Attorney for prosecution.....	7
Buildings provided with trap-doors and railings to hoistways.....	2

Respectfully submitted,  
CHAS. K. HYDE,  
Chief of Bureau.

## COMMON COUNCIL.

## Standing Committees.

ARTS, SCIENCES, AND EDUCATION.—Aldermen Gross, Tuomey, and Morris.  
PUBLIC WORKS.—Aldermen McCarthy, Purroy, and Hess.  
FERRIES AND DOCK DEPARTMENT.—Aldermen Gross, Tuomey, and Wade.  
FINANCE AND DEPARTMENT OF TAXES AND ASSESSMENTS.—Aldermen John Reilly, Cole, Guntzer, Billings, and Morris.  
LAW DEPARTMENT.—Aldermen Purroy, Seery, and Billings.  
MARKETS.—Aldermen Sauer, Gumbleton, and Hess.  
PRINTING AND ADVERTISING.—Aldermen Cole, Sauer, and Wade.  
RAILROADS.—Aldermen Sheils, Keenan, and Howland.  
REPAIRS AND SUPPLIES.—Aldermen Gumbleton, Gross, and Hess.  
ROADS, BRIDGES, AND TUNNELS.—Aldermen Tuomey, Bryan Reilly, and Cudlipp.  
SALARIES AND OFFICES.—Aldermen Cole, Sheils, and Pinckney.  
STREETS.—Aldermen Bryan Reilly, Sauer, and Wade.  
STREET PAVEMENTS.—Aldermen Guntzer, McCarthy, and Pinckney.  
LANDS, PLACES, AND PARK DEPARTMENT.—Aldermen Purroy, Slevin, and Howland.  
FIRE AND BUILDING DEPARTMENTS.—Aldermen Slevin, John Reilly, and Pinckney.  
POLICE AND HEALTH DEPARTMENTS.—Aldermen Seery, Keenan, and Cudlipp.  
CHARITIES AND CORRECTION AND EXCISE DEPARTMENTS.—Aldermen Guntzer, Sheils, and Morris.  
COUNTY AFFAIRS.—Aldermen Seery, Keenan, Guntzer, Billings, and Howland.



NEW YORK, November 3, 1876.  
JOHN R. MUMFORD,  
Secretary.



# DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF  
PUBLIC CHARITIES AND CORRECTION,  
CORNER OF THIRD AVENUE AND ELEVENTH ST.,  
NEW YORK, November 21, 1876.

## PROPOSALS FOR DRY GOODS, GROCERIES, ETC.

PROPOSALS, SEALED AND INDORSED AS above, will be received by the Commissioners of Public Charities and Correction, until 10 o'clock A. M., of Wednesday, the 6th day of December, 1876, at which time they will be publicly opened and read, by the head of said Department, for furnishing and delivering, at the foot of East Twenty-sixth street, free of all expense to the said Department—

### DRY GOODS.

10 bales Gray Blankets.  
3,000 yds. Gray Cassimere.  
500 doz. Men's Socks.  
100 lbs. Black Machine Thread, Barbour's No. 50, "16 oz. to the lb."

### GROCERIES.

20 bbls. Cider Vinegar.  
20 bbls. Pickles, 2,000 to the bbl.  
2,000 lbs. Dried Apples.  
50 bbls. Oatmeal.  
20 boxes Candles, 6s.  
20 bbls. Red Onions.  
100 bbls. Fine Flour.

### PAINTS AND OIL.

3 tons pure White Lead—30, 100; 30, 50; 60, 25 lbs.  
2 bbls. Kerosene Oil.  
1 bbl. Signal Oil.  
2 bbls. Spirits Turpentine.  
5 bbls. Whiting.

### LUMBER.

100 Hemlock Joist, 3x4, 12 feet long.  
14 Spruce Joist-plates, 4x8, 26 feet long.  
4 " " 4x8, 25 " "  
11 " " 4x8, 21 " "  
2 " " 4x8, 17 " "  
100 Spruce Flooring Beams, 3x7, 27 feet long.  
400 " " Boards, 6 inches wide.  
1,200 Worked Pine Boards, 10 inches wide.  
700 Battens, 2x7 1/2 inches, 12 feet long.

The above to be delivered at Store-house Dock, Blackwell's Island.

### TIN.

30 boxes Tern Plate Roofing Tin.  
The quality of the goods furnished must conform in every respect to the samples of the above to be seen at this office.

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

No proposal will be considered unless accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that, if the contract be awarded under that proposal, they will, on its being so awarded, become bound as sureties in the estimated amount of fifty per cent. for its faithful performance, which consent must be verified by the justification of each of the persons signing the same for double the amount of surety required. The sufficiency of such security to be approved by the Comptroller.

The Department of Public Charities and Correction reserve the right to decline any and all proposals if deemed to be for the public interest, and no proposal will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is defaulter, as security or otherwise, upon any obligation to the Corporation.

Blank forms of proposals and specifications, which are to be strictly complied with, can be obtained on application at the office of the Department, and all information furnished.

THOMAS S. BRENNAN,  
ISAAC H. BAILEY,  
TOWNSEND COX,  
Commissioners.

DEPARTMENT OF  
PUBLIC CHARITIES AND CORRECTION,  
CORNER OF THIRD AVENUE AND ELEVENTH ST.,  
NEW YORK, November 20, 1876.

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, November 19, 1876—Patrick Kearns; age 45 years; 5 feet 8 inches high; brown hair; beard and moustache; gray eyes. This patient was transferred from Work-house November 16, and had on Corporation clothing. Nothing known of his friends or relatives.

At New York City Asylum for Insane, Ward's Island, November 19, 1876—John Doe; age 35 years; 5 feet 3 inches high; brown hair; blue eyes. Had on when admitted, dark mixed frock coat, brown cloth pants, and white shirt. Nothing known of his friends or relatives.

John Doe, alias Papey; age 51 years; brown eyes; black hair; 5 feet 6 inches high. Had on when admitted, black coat, two pairs dark mixed pants, two dark cloth vests, white shirt, and black felt hat. Nothing known of his friends or relatives.

At Homeopathic Hospital, Ward's Island, November 19, 1876—John Hatch; age 52 years; 5 feet 6 inches high; gray eyes; brown hair; clothing old and worn out. Nothing known of his friends or relatives.

November 18—William Renocke; age 39 years; 5 feet 6 inches high; blue eyes; gray hair. Had on when admitted, black coat and vest, gray pants, black felt hat, and gaiters. Nothing known of his friends or relatives.

Peter S. Felt; age 60 years; 5 feet 4 inches high; gray hair and eyes. Had on when admitted, brown coat, dark striped pants, and brown felt hat. Nothing known of his friends or relatives.

By Order,

JOSHUA PHILLIPS,  
Secretary.

DEPARTMENT OF  
PUBLIC CHARITIES AND CORRECTION,  
CORNER OF THIRD AVENUE AND ELEVENTH ST.,  
NEW YORK, November 14, 1876.

## PROPOSALS FOR POULTRY.

PROPOSALS, SEALED AND INDORSED AS above, will be received by the Commissioners of Public Charities and Correction, until 10 o'clock A. M., of Saturday, the 25th day of November, 1876, at which time they will be publicly opened and read by the head of said Department, for furnishing and delivering at the foot of East Twenty-sixth street, free of all expense to the Department, 14,000 pounds poultry, viz.:

6,500 pounds Turkeys,  
7,500 pounds Chickens,  
—to be of good quality, as to age and condition, and subject to careful inspection, and all delivered on Tuesday, November 23, 1876.

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

No proposal will be considered unless accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that, if the contract be awarded under that proposal, they will, on its being so awarded, become bound as sureties in the estimated amount of fifty per cent. for its faithful performance, which consent must be verified by the justification of

each of the persons signing the same for double the amount of surety required. The sufficiency of such security to be approved by the Comptroller.

The Department of Public Charities and Correction reserve the right to decline any and all proposals if deemed to be for the public interest, and no proposal will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is defaulter, as security or otherwise, upon any obligation to the Corporation.

Blank forms of proposals and specifications, which are to be strictly complied with, can be obtained on application at the office of the Department, and all information furnished.

THOMAS S. BRENNAN,  
ISAAC H. BAILEY,  
TOWNSEND COX,  
Commissioners.

## ARMORY COMMISSION.

NOTICE IS HEREBY GIVEN TO CLAIMANTS for compensation under the provisions of chapter 429, Laws of 1876, entitled "An act to provide for payment for the use and occupation of armories and drill-rooms in the City of New York," that the Commission constituted by said act, and consisting of the Mayor of the City of New York, the Comptroller of the City of New York, and one Commissioner of the Department of Taxes and Assessments, previously designated by the Comptroller under the provisions of the act, the same being George H. Andrews, Esq., met at the Comptroller's Office on Thursday, June 8, 1876, at 3 o'clock P. M., and organized by the election of the Mayor as Chairman.

According to the terms of the act, "claimants may be heard before the Commission upon ten days' notice to the Department of Finance."

ELIOT McCORMICK,  
Secretary pro tem.

## BOARD OF EDUCATION.

A SPECIAL SESSION OF THE BOARD OF Trustees of the College of the City of New York will be held at the Hall of the Board of Education (corner Grand and Elm streets), on Wednesday, November 22d, 1876, at 4 P. M.

By order of the Chairman,

LAWRENCE D. KIERNAN,  
Secretary.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees of the Twenty-fourth Ward, at the Hall of the Board of Education, corner of Grand and Elm streets, until Tuesday, the 28th day of November, 1876, and until 4 o'clock P. M., on said day, for altering and enlarging Grammar School No. 63, on Third avenue, near One Hundred and Seventy-third street.

Plans and specifications may be seen and blanks for proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

Proposals must state the estimate for each branch of the work separately, and be indorsed "Proposal for Mason Work," "Proposal for Carpenter Work," "Proposal for Painting."

Two responsible and approved sureties, residents of this city, will be required from each successful bidder.

The party submitting a proposal and the parties proposing to become sureties must each write his name and place of residence on said proposal.

The Trustees reserve the right to reject any or all of the proposals submitted.

MARK K. HAMILTON, JR.,  
FRANKLIN EDSON,  
JAMES C. HULL,  
GEO. H. MOLLER,  
FERDINAND MEYER,  
Board of School Trustees, Twenty-fourth Ward.

Dated New York, November 14, 1876.

SEALED PROPOSALS WILL BE RECEIVED AT the office of the Board of Education, corner of Grand and Elm streets, until Wednesday, the 29th day of November, 1876, at 4 o'clock P. M., for printing required by the said Board for the year 1877. Samples of the various documents, etc., required to be printed, may be seen at the office of the Clerk of the Board, where blank forms of proposals may also be obtained. Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Printing." Two sureties satisfactory to said Committee will be required for the faithful performance of the contract.

The Committee reserve the right to reject any bid if deemed for the public interest.

Dated New York, November 14, 1876.

RUFUS G. BEARDSLEE,  
JAMES M. HALSTED,  
DAVID WETMORE,  
CHARLES PLACE,  
HENRY P. WEST,  
Committee on Supplies.

## LEGISLATIVE DEPARTMENT.

THE COMMITTEE ON PUBLIC WORKS WILL meet every Wednesday, at 1 o'clock P. M.

WM. H. MCCARTHY,  
JACOB HESS,  
HENRY D. PURROY,  
Committee on Public Works

F. J. TWOMEY,  
Clerk

THE COMMITTEE ON STREET PAVEMENTS will meet every Tuesday, at 2 o'clock P. M., in Room No. 9, City Hall.

JOHN W. GUNTZER,  
WILLIAM H. MCCARTHY,  
JOSEPH C. PINCKNEY,  
Committee on Street Pavements

F. J. TWOMEY,  
Clerk

THE COMMITTEE ON ARTS AND SCIENCES will meet every Friday, at 2 o'clock P. M., in Room No. 9, City Hall.

MAGNUS GROSS,  
MICHAEL TUOMEY,  
JOHN J. MORRIS,  
Committee on Arts and Sciences.

FRANCIS J. TWOMEY,  
Clerk

THE COMMITTEE ON SALARIES AND OFFICES will meet every Tuesday, at 3 o'clock P. M., in Room No. 9, City Hall.

WILLIAM L. COLE,  
THOMAS SHELLS,  
JOSEPH C. PINCKNEY,  
Committee on Salaries and Offices.

F. J. TWOMEY,  
Clerk

THE COMMITTEE ON COUNTY AFFAIRS WILL meet every Monday, at 1 o'clock P. M., in Room No. 9, City Hall.

PETER SEERY,  
PATRICK KEENAN,  
J. W. GUNTZER,  
O. P. C. BILLINGS,  
HENRY E. HOWLAND,  
Committee on County Affairs

THE COMMITTEE ON FERRIES AND DOCK Department will meet every Wednesday, at 2 o'clock P. M., in Room No. 9, City Hall.

MAGNUS GROSS,  
MICHAEL TUOMEY,  
WILLIAM WADE,  
Committee on Ferries and Dock Department.

FRANCIS J. TWOMEY,  
Clerk

## POLICE DEPARTMENT.

POLICE DEPARTMENT, CITY OF NEW YORK,  
PROPERTY CLERK'S OFFICE, ROOM 39,  
November 20, 1876.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, 300 Mulberry street, Room 39, for the following property, now in his custody, without claimants:

Silver watch, one boat, rope, coffee, canvas, diamonds, bag and contents, six revolvers, male and female clothing, also several small amounts of money taken from prisoners.

C. A. ST. JOHN,  
Property Clerk.

POLICE DEPARTMENT, CITY OF NEW YORK,  
PROPERTY CLERK'S OFFICE,  
300 MULBERRY STREET,  
NEW YORK, November 9, 1876.

## TWENTY-SECOND AUCTION SALE OF UNCLAIMED GOODS.

JACOB SEEBACHER, AUCTIONEER.

THE TWENTY-SECOND AUCTION SALE OF unclaimed goods will take place Thursday, November 23, 1876, at 10 A. M., at 301 Mott street, Police Headquarters, consisting of miscellaneous articles, boats, male and female clothing, boots, shoes, gold and silver watches, revolvers, lead, rope, zinc, etc.; also, at same time and place, a lot of goods to be sold for cartage.

C. A. ST. JOHN,  
Property Clerk.

## FINANCE DEPARTMENT.

DEPARTMENT OF FINANCE,  
BUREAU FOR THE COLLECTION OF ASSESSMENTS,  
ROTUNDA, NEW COURT-HOUSE,  
NEW YORK, November 16, 1876.

## NOTICE TO PROPERTY-HOLDERS.

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

CONFIRMED NOVEMBER 14, 1876.

Regulating, grading, setting curb, gutter-stones, and flagging One Hundred and Fourth street, from Fifth avenue to Harlem river.

All payments made on the above assessment on or before January 10, 1877, 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 confirmation.

The Collector's office is open daily from 9 A. M. to 2 P. M. for the collection of money, and until 4 P. M. for general information.

NICHOLAS F. BUTENSCHON,  
Collector of Assessments.

## CORPORATION SALE OF THE BUILDING KNOWN AS UNION BELL TOWER, AT THE JUNCTION OF HOUSTON AND SECOND STREETS, AND AVENUE D.

THE COMPTROLLER OF THE CITY OF NEW York will sell at public auction, on Monday, November 27, 1876, at 12 o'clock, noon, at the New County Court-house, the building known as the Union Bell Tower, at the junction of Houston and Second streets, and Avenue D.

### TERMS OF SALE.

Cash, to be paid to the Collector of City Revenue at the time and place of sale. The successful bidder to remove said building within twenty days from the date of sale, and leave the ground on which it stands free from all materials of the building and smoothly and evenly graded.

ANDREW H. GREEN,  
Comptroller.

CITY OF NEW YORK,  
DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE,  
November 15, 1876.

REAL ESTATE BELONGING TO THE CORPORATION of the City of New York, to be leased at auction, on Monday, November 27, 1876.

The leases of the following described property belonging to the Corporation of the City of New York, will be sold at public auction at the New County Court-house, on Monday, November 27, 1876, at 11 o'clock A. M., for the term of three years from December 1, 1876, except as otherwise stated:

Nos. 19 and 21 Elizabeth street.  
No. 49 Leonard street, partly occupied by the Public Administrator.  
No. 70 Barrow street, for the term of three years from May 1, 1877.

### HAMILTON SQUARE MAP.

Nos. 2 to 7, west side of Third avenue, between Sixty-seventh and Sixty-eighth streets.  
Nos. 11 to 16, south side of Sixty-eighth street, between Third and Lexington avenues.

Nos. 22 to 25, east side Lexington avenue, between Sixty-seventh and Sixty-eighth streets.  
Nos. 26 to 30, 31, 32, north side Sixty-seventh street, between Lexington and Third avenues.

### HARLEM MARKET MAP.

Nos. 13 to 15, south side of One Hundred and Twenty-first street, near Third avenue.  
Old school-house, corner of Avenue C and Second street, South Fordham.

### TERMS OF SALE.

Twenty per cent. on the yearly rent bid for each parcel to be paid to the Collector of City Revenue at the time and place of sale; and the successful bidder to be required, at the same time, to have an obligation executed by two sureties, to be approved by the Comptroller, for carrying into effect the terms of the sale.

Twenty per cent., when paid, will be credited on the first quarter's rent; or forfeited, if the lessee does not execute the lease and bond within fifteen days after the sale; and the Comptroller shall be authorized, at his option, to rescind the premises bid off by those failing to comply with the terms as above; and the party so failing to comply to be liable for any deficiency that may result from such resale.

No person will be received as lessee or surety who is delinquent on any former lease from the Corporation. No bid will be accepted from any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as security or otherwise, upon any obligation to the Corporation. (Sec. 99 of Charter of 1873.)

The leases will contain the usual covenants and conditions, reserving to the Corporation the right to cancel the lease whenever the premises may be required by them for public purposes.

All repairs will be made at the expense of the lessees, and no deduction whatever will be allowed for damage by reason of any sickness or epidemic that may prevail in the city during the continuance of the lease.

The lessees will be required to give a bond for double the amount of the annual rent, with two sureties, to be approved by the Comptroller, conditioned for the payment of the rent quarterly-yearly, and the fulfillment on their part of the covenants of the lease.

COMPTROLLER'S OFFICE,  
NEW YORK,  
November 15, 1876.

ANDREW H. GREEN,  
Comptroller.

DEPARTMENT OF FINANCE,  
BUREAU FOR THE COLLECTION OF ASSESSMENTS,  
ROTUNDA, NEW COURT-HOUSE,  
NEW YORK, November 4, 1876.

## NOTICE TO PROPERTY-HOLDERS.

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

CONFIRMED OCTOBER 21, 1876.

Outlet sewer in One Hundred and Sixth street, between Harlem river and Fifth avenue, with branches in First, Second, Third, and Fourth avenues, and in One Hundred and Third street.

All payments made on the above assessment on or before January 5, 1877, 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 confirmation.

The Collector's office is open daily, from 9 A. M. to 2 P. M., for the collection of money, and until 4 P. M. for general information.

NICHOLAS F. BUTENSCHON,  
Collector of Assessments.

DEPARTMENT OF FINANCE,  
BUREAU FOR THE COLLECTION OF ASSESSMENTS,  
ROTUNDA, NEW COURT-HOUSE,  
NEW YORK, November 10, 1876.

## NOTICE TO PROPERTY-HOLDERS.

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

CONFIRMED OCTOBER 21, 1876.

Regulating and grading Fifth avenue, from Eighty-sixth street to Mount Morris square.

All payments made on the above assessment on or before January 10, 1877, 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 confirmation.

The Collector's office is open daily, from 9 A. M. to 2 P. M., for the collection of money, and until 4 P. M. for general information.

NICHOLAS F. BUTENSCHON,  
Collector of Assessments.

DEPARTMENT OF FINANCE,  
BUREAU FOR THE COLLECTION OF ASSESSMENTS,  
ROTUNDA, NEW COURT-HOUSE,  
NEW YORK, October 20, 1876.

## NOTICE TO PROPERTY-HOLDERS.

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

CONFIRMED SEPTEMBER 28, 1876.

One Hundred and Twenty-third street, sewer, between Sixth and seventh avenues.

One Hundred and Twenty-third street, sewer, between Sixth and seventh avenues, connecting with ends of present sewers.

Eighty-second street, basin, northeast corner of Second avenue. Eighty-second street, regulating, grading, etc., from Eighth avenue to Boulevard.

Thirty-third street, regulating, grading, etc., from First avenue to East river.

Mangin street, curbing, guttering, and flagging, west side, from Stanton to Rivington street.

Thirty-seventh street, flagging, north side, from Third to Lexington avenue.

Fifty-seventh street, curbing, guttering, and flagging, from Second to Third avenue.

Sixtieth street, flagging, south side, from Fourth to Fifth avenue.

Eighty-seventh street, flagging, northwest corner of Lexington avenue.

Lexington avenue, crosswalks, between Sixty-sixth and Seventy-first streets.

Lexington avenue, paving, from Sixty-sixth to Seventy-fourth street.

Forty-third street, paving, from First to Second avenue.

Sixty-fourth street, paving, from Second to Third avenue.

Sixty-eighth street, paving, from Third to Fourth avenue.

Eighty-third street, paving, from First to Third avenue.

One Hundred and Eleventh street, paving, from Third to Fourth avenue.

One Hundred and Thirteenth street, paving, from Second avenue to Harlem river.

One Hundred and Twenty-second street, paving, from Avenue A to Second avenue.

Fencing vacant lots south side of Twenty-fifth street, between Tenth and Eleventh avenues.

Fencing vacant lots north side of Seventy-ninth street, between Second and Third avenues.

Fencing vacant lots north side of Forty-third street, 100 feet east of Second avenue.

CONFIRMED OCTOBER 7, 1876.

Little Twelfth street, regulating, grading, etc., from Tenth to Thirteenth avenue.

Eighty-seventh street, regulating, grading, etc., from Eighth to Tenth avenue.

One Hundred and Twenty-ninth street, regulating, grading, etc., from Broadway to Hudson river.

One Hundred and Thirty-first street, regulating, grading, etc., from Tenth avenue to Boulevard.

All payments made on the above assessments on or before December 19, 1876, 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 confirmation.

The Collector's office is open daily from 9 A. M. to 2 P. M., for the collection of money, and until 4 P. M., for general information.

NICHOLAS F. BUTENSCHON,  
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 Sheriff's sales, in 61 volumes, full bound, price, \$100 00  
The same, in 25 volumes, half bound