

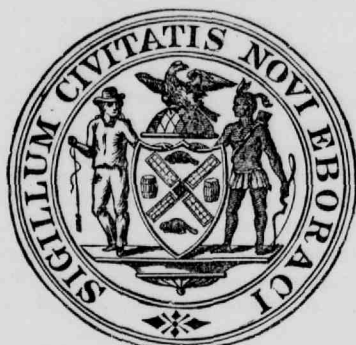
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DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending June 30, 1880.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, August 24, 1880.

Hon. EDWARD COOPER, Mayor:

SIR—Herewith I have the honor to submit to you my report of the transactions of this Department for the three months ending June 30, 1880:

SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn upon the Comptroller during the quarter.)

On account of appropriations raised by taxation	\$576,882 73
On account of assessment fund for street improvements	84,954 74
On account of revenue bonds in anticipation of collection of charges for water-meters ..	6,656 83
On account of funded debt for improvement and extension of water supply	61,151 05
Total	\$729,645 35

Expenditures for the Corresponding Quarter for the past Seven Years.

Second quarter of 1874	\$1,815,339 81
" 1875	1,316,484 95
" 1876	1,392,597 61
" 1877	798,614 37
" 1878	691,207 94
" 1879	480,237 07
" 1880 (as above)	729,645 35

This shows an increase over the corresponding quarter of last year of \$249,408.28.

Expenditures for the First Six Months of 1874, 1875, 1876, 1877, 1878, 1879, and 1880.

Six months ending June 30, 1874	\$3,612,064 74
" " 1875	2,461,362 34
" " 1876	2,280,682 44
" " 1877	1,321,313 82
" " 1878	1,250,714 37
" " 1879	831,146 98
" " 1880	1,201,262 34

Increase over the corresponding six months of last year \$370,115.36.

The above amounts of increase in requisitions on the Comptroller, \$249,408.28 for the quarter, and \$370,115.36 for six months, over the same periods of last year, do not represent an actual increase of expenditures. During the first and second quarters of 1880 the payments of liabilities on appropriations of the previous year were much larger than for the same periods of 1879, as follows:

Payments on liabilities of 1878, for the first quarter of 1879	\$57,910 21
For the second quarter of 1879	12,810 82
Payments on liabilities of 1879, for the first quarter of 1880	\$70,721 03
For the second quarter of 1880	96,068 09
Total	221,066 21

Increase

The actual increase of expenditures for the six months ending June 30, 1880, over the corresponding six months of 1879, is therefore reduced to

This increase is principally due to the larger amount of work done this year, as appears from the following items:	\$219,770 18
Laying Croton pipes, increase of work	\$71,285 73
Laying four-foot pipes for aqueduct purposes, new item	31,045 62
Strengthening the aqueduct	21,435 87
Purchasing water-rights for additional water supply—increase over 1879	7,665 14
Furnishing and setting water meters, new item	14,877 45
Repaving streets, which work last year was not commenced until the third quarter ..	11,806 88

A full and accurate comparison with the expenditures for previous years, will be made at the close of the year.

BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

The Aqueduct.

On the 25th, 26th and 27th of May, the water was shut off from the aqueduct for the purpose of examining the interior of the structure and making repairs. In consequence of the improvements made within the past few years on the outside of the conduit, the engineers and repair force were enabled to discover and repair many interior fissures, which on former occasions became closed as soon as the aqueduct was emptied and the inside pressure withdrawn. In some of the weak places heretofore mentioned in my reports, the interior was found in worse condition than anticipated, showing that, if the exterior had not been strengthened according to the plans pursued since 1876, serious breaks would have occurred. All these places were thoroughly repaired, as well as the other parts of the conduit. With the more adequate appropriation of this year, and a large force of workmen who had been trained to this work on the exterior improvements, the amount of interior repairs accomplished is much greater and more thorough than on any former occasion. When the aqueduct is strengthened and repaired according to the plan adopted at the several embankments where settlement has occurred, the depth of water in the conduit may be increased a few inches, thus increasing the quantity delivered daily three millions of gallons.

Owing to unfavorable weather the exterior repairs were not fully put in operation until the

second week in May, since which time they have been diligently prosecuted. The aggregate quantities of work done up to June 30, are as follows:

- 2,620 lineal feet top-arch masonry and spandrels built.
- 3,451 cubic yards protection walls built.
- 8,364 cubic yards earth removed from the top to the sides.
- 9,180 lineal feet board fence built.
- (Up to the date of this report there has been built this season about 4,600 feet of top arch.)

Procuring Water.

The rain-fall in the Croton basin in May and June was very light. The rain-gauges at the two storage reservoirs show the following record for the quarter:

	APRIL.	MAY.	JUNE.	TOTAL.
At Boyd's Corners Reservoir	3.99 inches.	1.17 inches.	1.28 inches.	6.44 inches.
At Middle Branch Reservoir	3.44 "	1.00 "	1.43 "	5.87 "

At Kensico, on the Bronx river, the rain-fall was, in April, 2.42 inches; in May, 84-100 inch; in June, 1.67 inches; total, 4.93 inches.

The total rain-fall at Boyd's Corners for the six months ending June 30, was 17 87-100 inches; being less than in any of the past fourteen years except 1872, when the rain-fall for the same period was 15 98-100 inches.

Until June 7 the volume of the Croton river was sufficient to fill the aqueduct, since which time drafts were made on stored water, as follows (until June 30):

From Croton Lake	250,000,000 gallons.
From Boyd's Corners reservoir	610,000,000 "
From Middle Branch reservoir	255,000,000 "
From Barret Pond	120,000,000 "
Total	1,235,000,000 "

The cleaning and deepening of the channel of the Muscote river has been continued.

The Bronx River Supply.

The engineer force employed on this work has been engaged on surveys for the exact location and plans for the several works, and the boundary lines of the several parcels of land required. The conduit line from Kensico to Williamsbridge has been located. For a distance 16,500 feet it runs on roads and avenues of the Cities of Yonkers and New York. The City of Yonkers has granted the right to lay the conduit on its roads and avenues, and the contract and specifications for laying the 16,500 lineal feet of pipe have been prepared.

The necessary lands have been purchased and the specifications prepared for building the reservoir dam at Kensico. (At the present writing the two contracts for the dam and 16,500 feet of conduit line have been advertised and let to the lowest bidder, and the bids are in the hands of the Comptroller for examination and approval of the sureties.)

Distribution of Water.

During the quarter the distributing system was extended by laying—

- 2,224 lineal feet of 12-inch pipe.
- 32,947 lineal feet of 6-inch pipe.

Total ... 35,171 lineal feet of pipe, or 6 3/4 miles.

In connection with these pipes, 137 new fire-hydrants were placed.

One contract for laying the pipes for the water supply from the City of Yonkers for the Twenty-fourth Ward has been completed, and house connections with these pipes are being made. Another contract, covering the balance of the appropriation for this purpose, has been entered into.

The new high-service works at Ninth avenue and Ninety-eighth street have been in continuous operation since May 3, and have worked satisfactorily. These works now pump 6,000,000 gallons of water per day, and those at High Bridge 1,500,000 gallons per day. The completion of the tower was delayed through the inability of the contractor to obtain the quality of brick required, but the work is now in progress.

The laying of four-foot pipes, in place of the unreliable six-foot pipes, forming part of the aqueduct from Tenth avenue and Ninety-third street to Central Park, is progressing rapidly, about 1,300 feet of the 4,200 feet of pipe having been laid.

Since last April the pressures in the delivery of water throughout the city have considerably decreased, partly in consequence of shutting off the aqueduct on the 25th, 26th, and 27th of May for examination and repair, when the water in the Park reservoirs was reduced 8 1/2 feet in depth, but principally from increased consumption incident to growth of population, extension of water-service, and the temporary excessive use of water in warm and very dry weather. During the month of April the reservoirs were kept up and a fair pressure maintained throughout the city, the distribution and use daily being the actual amount delivered daily by the aqueduct running nearly to its fullest capacity—about ninety million gallons. The excessive and unusual heat and drought of May and June, however, caused largely increased drafts, by which the head of water throughout the city was reduced so much, according to the report of the Chief Engineer of the Croton Aqueduct, that the water did not rise to within one, and sometimes two, stories of the height it did on April 1.

The number of taps and house connections made from January 1 to June 30, 1880, is 1,300; a larger number than for the same period of any of the preceding ten years. The aggregate area of the taps and connections with the Croton pipes is now about 170 square feet, and the average number of faucets or orifices for drawing water is five to each tap. The area of the aqueduct being only 53 square feet, the continual opening of even one-fourth of the faucets would consume the supply and very seriously affect pressures.

Meters.

During the quarter 532 meters were placed on various kinds of buildings, making the total number in use on the 30th of June 2,344, and at the present date about 3,000, which will be increased to 4,000 by the close of the year. This work will be continued with all practicable speed, until all places coming under the provisions in respect to meters, and where water is supposed to be wasted, are metered. The house inspections to detect leaks and waste have also been continued; 7,672 inspections were made, and 1,592 leaks in fixtures and 261 cases of willful waste were discovered.

The beneficial effect of these measures is now apparent, and though some inconvenience has been felt during the present extremely hot and dry summer from loss of pressure by reason of excessive use or waste, the inconvenience would have been greater but for the introduction of meters and the house inspections. In my last report I showed the saving of water which had been effected at some large hotels. The work of placing meters will be continued with all possible dispatch, and I anticipate from it continuing good results.

The average daily consumption of water in the city is now 93,500,000 gallons, or 78 gallons per capita for the population of 1,208,000, given by the census of this year. Making allowance for the water used in manufactures, for shipping and other business, the consumption for domestic purposes is about 60 gallons daily per capita.

It had long been known to the Department that considerable waste of water occurred in a cer-

tain class of large buildings occupied for various kinds of offices, and containing an unusual number of closets, urinals, and wash-basins for the convenience of the occupants. It was therefore deemed necessary to apply meters in these buildings, but some owners protested against the use of meters, claiming that they did not use water for business purposes, and that the law in reference to the compulsory use of meters did not apply to their buildings. I submitted the matter to the Counsel to the Corporation, who, in a clear and exhaustive opinion, sustains my view that the law authorizes the compulsory use of meters at the expense of the owner on all buildings and places where water is used, except dwellings. He also states that meters may be placed on dwellings where the Commissioner of Public Works believes waste of water to occur; the only difference being that meters on dwellings must be furnished and set at the expense of the city, while in all other cases the expense falls on the owner of the premises and is a lien on the property. The opinion is of special importance and interest at this time, and I therefore give it herewith in full.

LAW DEPARTMENT,
OFFICE OF THE COUNSEL TO THE CORPORATION,
NEW YORK, July 30, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—In your communication, dated July 26, 1880, transmitting two protests signed respectively by Mr. Henry F. Vail, President of the Bank of Commerce, and by Mr. James W. Gerard, my opinion is requested as to the extent of the power of the Commissioner of Public Works to require the use of water-meters, by those using the Croton water.

To satisfactorily answer the question thus presented, it is necessary to consider the provisions of the several statutes and ordinances relative to the Croton Aqueduct system, and the character of the charge imposed for the use of the water, as well as the particular authority vested in the Commissioner of Public Works, to direct the introduction of meters.

The various provisions of law and ordinance, prior to 1871, relative to the subject are as follows:

The act, chapter 225 of the Laws of 1842, authorized the Mayor, Aldermen, and Commonalty of the City of New York to organize a department with full powers for the management of the Croton Water-works and the distribution of the Croton water.

Pursuant to the authority thus conferred the Common Council, upon September 7, 1842, passed "an ordinance to regulate the water-works of the City of New York" (R. O., 1845, p. 175). By the seventh section of the second title of this ordinance (p. 177), the Croton Aqueduct Board was directed to fix from time to time the rate of rents to be paid by the inhabitants for the use of water, and to prescribe rules and regulations relative to their collection, such rates and rules to be subject to the approval of the joint Croton Aqueduct Committee of the Common Council.

The act, chapter 383 of the Laws of 1849, gave legislative approval to the scheme embodied in the ordinance of 1842, and created the Croton Aqueduct Department in the City of New York. The eighteenth section of the act (p. 544) authorized the establishment of a scale of rents to be called "regular rents" apportioned to different classes of buildings in reference to their dimensions, value, exposure to fires, ordinary uses for dwellings, stores, shops, private stables, and other common purposes, number of families or occupants, or consumption of water as near as might be practicable, and authorize the local authorities to modify, alter, and amend and increase such scale from time to time and to extend it to other descriptions of buildings and establishments. The nineteenth section of the act provided that hotels, factories, stables, livery stables, and other buildings consuming extra quantities of water might in addition to the regular rents be charged with additional rents, to be called the "extra rents."

Under this authority, the Common Council, upon May 1, 1850, passed an ordinance establishing a scale of water-rents for the "Croton Aqueduct Department," with some amendments. This ordinance which may be found in the volume known as the Revised Ordinances of 1866, (p. 160), continued to be the scale of water-rents in actual operation until the year 1870. The ordinance, with great detail, prescribes various rates of charge for several sizes and kinds of buildings, and for the different classes of business which are specifically enumerated. It also provides that a charge of not less than one cent for one hundred gallons shall be made to all manufacturing and other business requiring a large supply of water.

All matters not specified in the ordinance are by it reserved for special contract with the Croton Aqueduct Board. Under this ordinance, as well as under that of March 7, 1850, a charge for Croton water was to be made against the public schools.

Under these laws and ordinances (as appears from an opinion of the Corporation Counsel, dated May 15, 1857, if the officers of the Croton Aqueduct Board were of opinion that a water-taker consumed more water than by the prescribed rate he paid for, or permitted its waste, they caused a water-meter to be attached to the distributing pipe, thus ascertaining how much water was dealt out to him so that the charge might be accordingly adjusted. In such cases the meter belonged to the city, and when the object of its use was accomplished it was returned to the city.

From the report of the case of Treadwell & Van Schaick (30 Barb., 444), it appears that the Croton water supplied during the year 1855, to all the large hotels and manufactories in the city (to the number of eighty) was measured by meters, and a charge made therefor at the rate of one cent for one hundred gallons. The proprietors of the St. Nicholas Hotel objecting to this course, it was held by the Supreme Court, both at Special and General Terms, that the only rational interpretation of the whole statute taken together is that the Croton Board has a right to make every such arrangement as to the extra supply of water a matter of agreement, subject to such terms and conditions as the Board shall "deem necessary to impose," and Judge Ingraham was of opinion (p. 457), "that full power exists in the Croton Board, under the statutes and ordinances to make special charges for the use of the water in special cases for which no rate is fixed by law. Accordingly the action of the Croton Aqueduct Board, in proposing to stop the supply of water to the St. Nicholas Hotel, unless payment was made for the quantity of water used as shown by the meters, was affirmed.

In the case of the Trustees of the Cannon Street Baptist Church vs. the Mayor, etc., (Hoffman's Laws, vol. 1, p. 286), it was held that the Croton Aqueduct Board might lawfully impose an extra charge upon the plaintiffs for the use of the Croton water in administering the rite of baptism by immersion.

The court held that religious corporations were not exempt from this charge, because it was not a tax, but a rent for the use of the city's property.

The result of this somewhat voluminous citation of laws, ordinances, and decisions is as follows:

Prior to the year 1871, the Croton Aqueduct Board, with the approval of the Common Council, was fully authorized to make such charge as it saw fit for the use of Croton water, and to receive payment according to the quantity used. To ascertain the quantity actually used, meters belonging to the city were commonly introduced at the discretion of the Board. The charge was held to be, not a tax, but a rent for the use of the city's property.

By the fifth section of the act, chapter 574 of the Laws of 1871, the power to establish scales of rents for the applying of Croton water was vested exclusively in the Commissioner of Public Works, and this power was specifically continued and saved from repeal by section 119 of the Charter (chapter 335 of the Laws of 1873), so that all the authority of the Croton Board and Common Council, with reference to water rents, heretofore considered, is vested in you, exclusive of the operation of any specific provision concerning meters.

Under the laws, already considered, you would be entitled to place meters in every building in which you were of opinion that water was consumed in extraordinary quantities, with a view to ascertaining the actual quantity, and the proper rate of charge. But you probably would not, under those laws, be authorized to compel the consumer to pay for the meter, unless full effect is to be given to the opinion of Judge Ingraham in the case of Treadwell & Van Schaick (supra), that where an extra supply of water is furnished it may be made the subject of such agreement as you may approve.

I may now consider the effect of the particular provision authorizing the compulsory introduction of water-meters.

The thirteenth section of the act, chapter 383 of the Laws of 1870, was as follows:

"The Commissioner of Public Works is hereby authorized, in his discretion, to cause water-meters, the pattern and price of which shall be approved by the Mayor, Comptroller, and Chief Engineer of the Croton Aqueduct, to be placed in all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places in which water is furnished for business consumption

by the Department of Public Works, except private dwellings, so that all water so furnished therein or thereat may be measured and known by the said Department, and for the purpose of ascertaining the ratable portion which consumers of water should pay for the water therein or thereat received and used.

"Thereafter, as shall be determined by the Commissioner of Public Works, the said Department shall make out all bills and charges for water furnished by them to each and every consumer as aforesaid, to whose consumption a meter as aforesaid is affixed, in ratable proportion to the water consumed, as ascertained by the meter on his or her premises or places occupied or used as aforesaid. All expenses of meters, their connections and setting, water-rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied as now provided by law. Nothing herein contained shall be construed so as to remit or prevent the due collection of arrearages or charges for water consumption heretofore incurred, nor interfere with the proper liens therefor, nor of charges, or rates or liens hereafter to be incurred for water consumption in any dwelling-house, building or place which may not contain one of the meters aforesaid."

These provisions, subsequently incorporated in the seventy-third section of the charter of 1873, are the only specific expression of the legislative will upon this particular subject of water-meters.

In view of the condition of the law previous to the enactment of the statute of 1870, it is clear that the object and effect of the statute was not to give to the officer in charge of the Croton water system a new right to attach water-meters to the pipes in the different buildings where water was taken, for that right had for many years been freely exercised with the approval of the courts. In this particular the statute was nothing more than declaratory of powers already possessed by the Croton Aqueduct Board.

The purpose of the act was to authorize the Commissioner of Public Works to compel the water taken to bear the expense of the introduction of the meter.

It seems to have been the opinion of the Legislature, that if water takers were using water in such quantities as to lead the Commissioner of Public Works, in the exercise of his sound discretion, to believe that the ordinary and regular rate of charge insufficiently remunerated the city for the property furnished, then and in that case, the excessive water-taker should furnish the Commissioner with accurate information as to the actual amount of water used, and such information could be best supplied by the use of a water-meter of approved pattern.

Upon this theory of the relations of the parties, it would seem that whenever the Commissioner suspects a waste or excessive draught of water, he may, by requiring the introduction of a water-meter, compel the consumer to inform him as to the amount of water used, and thus he may (except for the provision hereafter considered) cause every water taker to use a water-meter.

The statute, however, limits the full operation of the theory upon which it rests, in a single particular.

The Commissioner's discretion as to the introduction of meters cannot be exercised as to private dwellings. These are specifically excepted, probably because sanitary reasons require that the people should never feel any doubt as to the absolute freedom of water, so far as domestic purposes are concerned. With this single exception, the grant of power to the Commissioner of Public Works is general. He may cause meters "to be placed in all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, by the Department of Public Works, except private dwellings."

The clause "and in all places where water is furnished for business consumption," is in my opinion not a restriction but an extension of the previous words of the grant. After specifying many classes of edifices in which meters should be used, the draftsman adopts an additional phrase so comprehensive in extent, as to require a special exception as to private dwellings to save them from its operation.

Your suggestion that "stores" being specifically enumerated among the buildings subject to the discretion of the Commissioner, it would follow that the law regarded something more than the use of water for manufacturing, mechanical or chemical purposes, seems to me entirely sound. The further specification in the statute of "hotels," "public edifices," and "stables" is confirmatory of this impression. The object of the law was to prevent the unnecessary waste of water, except in private dwellings, and to that end to require payment according to use. It was the extent and not the object of the use which rendered meters necessary.

I have, therefore, no doubt that the words "for business consumption," introduced in the act, were adopted as a general description in all uses which were not specifically those of private dwellings.

A building containing offices for hire to the general public is certainly not a private dwelling; it would clearly seem to be a building for business purposes.

The water supplied to such a building can hardly be said not to be furnished for business consumption, and therefore such a building would not seem to be excluded from the operation of the law, or from your jurisdiction.

To recapitulate, I would say that: Independently of the law of 1870, you have the power to apply water-meters to any distributing pipe and to charge according to the quantity of water consumed.

By the law of 1870 you are authorized to compel the consumers to bear the cost of the meter. The grant of power in this act is general, the limitation specific. Private dwellings only are excepted, and wherever you furnish water for business consumption (in the broadest sense of that term), you may require the introduction of a meter.

I am, therefore, of the opinion that the protests of Mr. Vail and Mr. Gerard (which I herewith return) are not founded upon reasons sufficient to avoid your own construction of the law.

Yours, respectfully,
(Signed) W. C. WHITNEY,
Counsel to the Corporation.

Where meters are not used the charge for Croton water consists: first, of the regular rate, according to the frontage and size of the building; and, secondly, of extra charges for water-closets, baths, extra families, various kinds of business, etc. The regular or frontage rate is a lien on the property, and is payable in advance, a penalty of two per cent. being charged on unpaid bills on the first of August, and five per cent. on the first of November of each year. When meters are put on, the meter rates take the place of all other charges, and due allowance is made for pre-payments under the old rates. Until recently the frontage rate, with penalties when incurred, was charged in bills for water furnished by meter, together with the excess of the meter charges over the frontage rate. This mode of making out and keeping the accounts was found too complicated, leading to misunderstandings, and requiring frequent explanation to the taxpayers. To avoid this, and simplify the matter for the convenience of the persons who are compelled to use meters, I issued the following instructions to the Chief Engineer and the Water Register, dated July 21:

"Hereafter all buildings which are supplied with water through meters will be charged meter rates only, except where the charge by meter at the close of the year amounts to less than the established frontage rate, and in such cases a sufficient amount will be added to make the total charge equal to the full frontage rate. No penalty for non-payment of frontage rates will be charged on houses supplied through meters."

It is proper that the full frontage rate be charged in all cases, even where the charge by meter would be less (there will be very few such cases), as a general tax for extinguishment of fires and other advantages and conveniences from the Croton water system, outside of the actual use of water on the premises.

BUREAU OF WATER PURVEYOR.

Pavements.

At the close of last year four of the contracts for repaving streets remained unfinished, including the following streets:

Fifty-sixth street, between Fifth and Sixth avenues, and between Seventh and Ninth avenues.

Fifty-eighth street, between Sixth and Ninth avenues.

Tenth avenue, between Thirty-first and Forty-second streets.

Fifth avenue, between Seventy-second and Ninety-second streets (Macadam pavement).

They were all completed during the past quarter.

The repaving work for this year was divided into twelve contracts, the bids for which were

received and opened on the 14th of April. The average price for which the repaving work was let out last year was \$1.92 per square yard for granite pavement, and \$1.56 for trap-block pavement; and for this year \$2.11 for granite and \$1.67 for trap-block, showing an advance of about nine per cent.

The streets to be repaved this year were enumerated in my last quarterly report. The contracts for the several works have all been signed, and considerable progress has been made on some of them.

Thirty-two paving gangs, consisting each of two pavers, one rammer, seven laborers, and two carts, were organized in April, and have since been employed in repairing defective places in the pavements in all parts of the city. In addition to this, whole blocks of pavement were relaid by contract in White street, Franklin street, Sixteenth street, Twenty-sixth street, and Sixty-third street. Special attention has also been given to repairing the crosswalks on various streets and avenues, where they had become much worn and settled below the true grade.

The maintenance of the macadam roadways in the upper part of the city has received proper attention. Last year portions of Sixth and Seventh avenues north of the Central Park were covered with a top dressing of sand and clay for the benefit of light pleasure driving, for which the ordinary macadam surface is somewhat too hard and unyielding. This mode of treatment having been successful, it was again applied this season on Seventh avenue, from One Hundred and Tenth street to Harlem river, and on Sixth avenue, from One Hundred and Thirty-fifth street to One Hundred and Forty-fifth street.

The whole question of paving new streets, of repaving old ones, and of repairs to pavements generally, is one of paramount importance, and in several of my previous reports I have discussed the subject very fully. The improved plan and specifications for stone-block pavements adopted about four years since have secured at moderate cost good and substantial causeways, which will facilitate transportation and lessen the cost of repairs, as well as of street cleaning. It is found that with few exceptions the older block pavements were badly laid, the stone being imperfect in shape and size, and poorly rammed upon foundations not always of the best material. Some of them were laid before the filling of the new streets had become well settled. These pavements, after a short time, became quite uneven, rendering carriage travel uncomfortable, carting expensive, and leave depressions in which water settles and stagnates.

In all cases where streets are to be paved for the first time, and where the older streets are to be entirely repaved, under the Law of 1875, the improved plan and specifications above alluded to, with more rigid inspection, are now adopted, and with good success. Although there is a great deal yet to do to render our street pavements creditable or even fairly passable, their condition has been considerably improved within the past four years. There yet remain 84 miles of cobble pavement, which should be replaced as rapidly as appropriations, under the Law of 1875, will permit. That law authorizes an expenditure of \$500,000 annually for this purpose. I have regularly asked, and shall again ask, the Board of Estimate and Apportionment to appropriate this full amount. The sum allowed for the present year is \$300,000. The object to be attained is so useful and necessary that I think there would be a general acquiescence amongst citizens in an appropriation of the full amount authorized by law (\$500,000) for each and every year, until the street pavements throughout the city are thoroughly improved. The demand upon the Department by citizens for the repavement of streets and avenues is most pressing and persistent; but the appropriation of the year limits the extent to which this popular and useful work can be carried. It will require several years, even with the largest expenditure admissible by law, to renovate the street pavements. All that can be done in the meantime with the cobble pavement is to keep them passable by ordinary repairs.

In addition to the appropriation for repavement under the law of 1875, \$150,000 annually is appropriated for "Repairs and Renewals of Pavements." It is of course very important that this sum should be expended in the most judicious and economical manner. There are 330 miles of paved streets south of the Harlem river, and with bad construction originally, and many years of neglect in maintenance, the amount of work to be done to keep this great extent of streets in passable repair is very large. When the streets are all well and substantially paved, the item of repairs will be much reduced.

It is often found, as I have stated above, that whole blocks and streets of the older and more imperfectly laid block or Belgian pavement need extensive repairs. To attempt to patch them up, by raising sunken spots and ruts, is after all but a temporary and imperfect method of repair. It is not practicable nor necessary to entirely repave such streets with new and improved blocks. But a very great improvement can be made by taking up such pavements entirely, from curb to curb, and relaying the same upon a fair bed of sand or gravel, rejecting the smaller and most imperfect of the stone, the whole to be relaid to a true grade and well rammed. I have caused several blocks to be thus relaid within the past two years under small contracts, with good results. Including the additional stone required, such work can be done for about fifty or fifty-five cents per square yard, while an entire new pavement would cost three times as much. I would be glad to do a considerable amount of work in this way, as it is comparatively the best and most economical mode of repair, yet, as it must be paid for out of the repair fund, the present limited amount of that fund will not allow of any considerable extent of such relaying. If the appropriation for repairs could be increased for the next three or four years to \$250,000 per annum, a good deal of improvement could be made in the manner above described, and all such work of relaying could be done by contract. The ordinary repairs of streets must be done by day's work, as it is not practicable to specify the character and extent of such work, and the repair gangs must be shifted from place to place, according to the exigencies of the service. While I believe that the men now employed by the day are doing as good service as can be obtained under that system, I have always been in favor of the contract system whenever and wherever it is applicable.

The question for consideration at the close of this year, when appropriations are to be made for the coming year, will be whether to increase by about \$300,000 the amount heretofore allowed for the restoration of the city's pavements. I believe that in view of the increasing traffic of the city and the general improvement in business it would be true economy to make more rapid progress in this important work.

BUREAU OF SEWERS.

During the quarter six sewer contracts were completed, as follows:

Sewers in Forty-third street, between First avenue and Hudson river.

Sewers in Sixty-ninth and Seventieth streets, between Second and Third avenues.

Sewers in One Hundred and Thirty-second street, from Seventh avenue 300 feet westerly.

Sewers in Front street, between Dover and Roosevelt streets.

Sewers in Cliff street, between Beekman and Ferry streets.

Sewers in Mount Morris avenue, between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets.

Receiving-basins were built on the northeast and southeast corners of Jane street and Thirteenth avenue; on the northeast corner of Front and Montgomery streets; and on the northwest corner of South and Montgomery streets.

Eleven new contracts for sewers were entered into, among the most important of which are:

Sewer in Madison avenue, between One Hundred and Tenth and One Hundred and Thirteenth streets.

Sewer in Lexington avenue, between Sixty-ninth and Seventieth streets.

Sewer in Ninth avenue and New avenue, east of Morningside Park, between One Hundred and Fifteenth and Manhattan streets.

Sewer in Ninety-sixth street, between Fifth and Madison avenues.

Sewer in Fifth avenue, between Fifty-fifth and Fifty-ninth streets.

The sewer in Fifth avenue is to be built at the unusual depth of twenty-five feet below the pavement, in order to give perfect drainage to the houses on its line.

It has been the custom of the Department and of its predecessors in charge of the sewerage, the Croton Aqueduct Board, to make provisions in the contracts and specifications for a fixed price for certain parts of the work, the quantities of which could not be accurately or even approximately estimated, leaving ample room for competition on the other parts of the work. This was found to be necessary to prevent loss to the city and property-owners through the submission of unbalanced bids, whereby the bid which, calculated on the estimated quantities, is apparently the lowest, may, on the completion of the work, turn out to be higher in the aggregate than other bids, on the actual quantities of work done. In some recent cases the courts decided that under the law all parts of the

work must be open to competition. Several contracts for sewers, notably the one for the large collective sewer in West street, between Spring and Eleventh streets, were held in suspense in consequence of this decision, until the difficulty was overcome by an act of the Legislature, confirming such contracts as had theretofore been entered into, whereupon the contractors were directed to proceed with their work.

In the repairing and cleaning of sewers the following quantities of work were done during the quarter:

1,431 receiving-basins and culverts cleaned.

4,645 lineal feet of sewers cleaned.

2,952 cart-loads of dirt removed.

826 lineal feet of sewers rebuilt.

64 lineal feet of culverts rebuilt.

187 lineal feet of spur-pipe laid.

30 receiving-basins repaired.

5 man-holes rebuilt.

144 man-holes repaired.

8 new basin-heads, 6 basin-covers, and 52 man-hole heads and covers furnished and set.

The new work during the quarter comprises—

5,446 lineal feet of sewers.

285 lineal feet of culverts.

9 receiving-basins.

—making the present total length of sewerage on Manhattan Island 373 $\frac{1}{2}$ miles, with 4,540 receiving-basins.

In previous reports I have presented full statements upon the defective condition of many of the old sewers, together with detailed reports of Mr. Stevenson Towle, Engineer of the Sewer Bureau, upon the same subject. The total appropriation for the present year for repairs and cleaning of sewers and basins is \$52,500, and as the cleaning is an imperative, immediate, and constant necessity, the amount applicable to repairs and rebuilding the old sewers is entirely too small, considering their condition. Prior to 1876 there was by law an annual appropriation of \$100,000 for this purpose, raised by the issue of bonds, and in addition to the usual appropriation from taxation. This matter, so vital to health and comfort, should receive favorable consideration from the Board of Estimate and Apportionment. For the defects of past generations in the important matter of sewerage we cannot be held responsible, but it is a present duty to remedy the same by reasonable outlays yearly, until the sewers in the older portions are made safe and of proper capacity. Without repeating the views expressed at considerable length in earlier reports, I shall request for the coming year an increased appropriation for sewers of \$125,000.

BUREAU OF STREET IMPROVEMENTS.

During the quarter work was in progress on eleven contracts for regulating, grading, curbing, guttering, and flagging streets, and one contract, Eighty-first street, from Eighth avenue to Ninth avenue, was completed.

The aggregate quantities of work done under the several contracts is as follows:

4,500 cubic yards earth excavated.

20,896 cubic yards rock excavated.

35,038 cubic yards filling put in embankment.

970 cubic yards rubble range masonry built.

7,284 lineal feet curb-stone set.

6,300 lineal feet gutter-stone laid.

12,072 square feet flagging laid.

6,459 lineal feet picket fence built.

In my last quarterly report I stated that by a recent decision of the Supreme Court it was declared that, where curb, gutter, or flagging had been set in any street by assessment, all subsequent assessments for flagging the unfinished portion of the sidewalk and for paving the roadway would be illegal and void. This caused a practical suspension of all new work on curbing, flagging, and paving. This decision has been reversed by the Court of Appeals, removing the obstacles thus placed in the progress of street improvements.

BUREAU OF STREETS.

The country roadways and unpaved streets and avenues in the upper part of the city have been kept in proper condition for public travel. The roadway of Fifth avenue, from Ninetieth street northward, which is not paved, has been made sufficiently firm and smooth for light driving, thus furnishing, with the Macadam pavement from Fifty-ninth to Ninetieth street, a continuous and pleasant drive along the east side of the Central Park.

BUREAU OF LAMPS AND GAS.

On the 26th of March proposals were received from the several Gas-light Companies for lighting the public lamps for the year commencing May 1, 1880. The prices at which the lamps on Manhattan Island were lighted for the preceding year were as follows:

New York Gas-light Company.....	\$12 00 per lamp.
Manhattan ".....	12 00 "
Metropolitan ".....	18 28 "
N. Y. Mutual ".....	19 00 "
Harlem ".....	17 70 "
Average per lamp, \$14.48.	

The proposals received on the 26th of March were—

New York Gas-light Company.....	\$17 00 per lamp.
Manhattan ".....	17 00 "
Metropolitan ".....	19 50 "
N. Y. Mutual ".....	19 75 "
Harlem ".....	17 70 "

Average per lamp, \$17.80. Showing an advance of \$2.92 per lamp on the prices of the preceding year.

The estimate for the appropriation for "Lamps and Gas" for 1880 was based on the prices paid last year, with a moderate allowance for additional lamps to be erected. It was not sufficient, therefore, to cover the proposals submitted by the gas companies; and if these proposals had been accepted, it would have been necessary to reduce the number of lamps in use to a considerable extent. There appeared to be no reasonable cause for the large advance in prices, and the Gas Commission concluded to reject the proposals and advertise for new ones, to be received and opened on the 26th of April, when the following prices were bid:

The New York, Manhattan, Metropolitan, and New York Mutual Gas-light Companies, each \$15.00 per lamp; the Harlem Gas-light Company, \$17.70 per lamp—average, \$15.45 per lamp—being an advance of 57 cents per lamp on last year's prices. These proposals were accepted. The margin for erecting new lamps is of course diminished by the advance.

The contracts made by the Supervisors of the former towns of Morrisania and West Farms, prior to the annexation of the Twenty-third and Twenty-fourth Wards, for lighting the lamps in these wards, are still in force, but will expire on the 31st of December, next, when a considerable reduction in the prices for lighting these lamps is expected. The Central Gas-light Company now receives \$45.00 per lamp under the old contract, and \$35.00 per lamp for those newly erected under the direction of the Department. The Northern Gas-light Company receives \$50.00 per lamp under the old contract, and \$42.50 per lamp for new lamps.

The total number of public lamps in use at the close of the quarter, was 23,394, being an increase of 163 lamps during the quarter.

BUREAU OF REPAIRS AND SUPPLIES.

Prompt attention has been given to the necessary repairs to the public buildings under the care of the Department, the cleaning of the various offices and courts, and the furnishing of needed supplies of fuel, ice, office furniture, law books, etc.

By chapter 373, Laws of 1880, passed on the 25th of May, the duties of the New Court-house Commissioners were terminated, and this Department was charged with the completion of the building, subject to special appropriation to be made by the Board of Estimate and Apportionment, and the authorization of that Board to proceed with the work. The accounts of the Court-house Commissioners show an unexpended balance of the funds heretofore authorized for the construction of the building of \$16,693 96
Against which there are outstanding liabilities amounting to 2,251 50
The cost of completing the building according to present plans, including heating-apparatus, ventilators, roof, painting, removal of rubbish, etc., is estimated at 12,800 00
The Board of Estimate and Apportionment has been requested to make provision for this expense.

In several of my quarterly reports I have had occasion to call attention to the dilapidated condition of the Fulton market building, and to the fact that mere repairs would not make it creditable in appearance or convenient for a public market. Last year it was generally expected that new buildings would be erected for Fulton market and for Washington market, either by the city or by the lessees of the Market stands, among whom a movement to that effect had been started. Bills were introduced at the last session of the Legislature, and passed by both houses, authorizing the city to erect new buildings for both of these markets, but they did not receive the approval of the Governor, and the whole matter remains in statu quo. In the meantime the Department of Buildings, on the 11th of May, notified this Department that the Fulton market building was in a dangerous condition, and should be taken down from the foundation; and on June 3, I received further notice that the case would be brought into court to determine whether the building shall be repaired and secured or taken down. In anticipation of the construction of a new building, provision was made in the estimates for 1880 for temporary repairs only. The cost of making the entire structure safe and secure is estimated at from twelve to fifteen thousand dollars, by which the building might be used a few years longer. I submitted these facts to the Commissioners of the Sinking Fund for their consideration, and they have requested the new Bureau of Buildings of the Fire Department to make a resurvey of the buildings in conjunction with an architect to be designated by the American Institute of Architects, and a practical builder to be named by this Department.

It is high time that some fixed policy should be determined by the city as to the matter of the public markets. Fulton, Washington and Jefferson markets, all occupying valuable grounds in streets thronged with business, are in a most dilapidated condition, and are discreditable to the city. If they are to be abandoned for public use, or entirely rebuilt, as was proposed last winter, it does not seem wise to be expending large sums upon the present buildings with a view to their restoration. Yet prudence requires as long as they are occupied under lease from the city that their safety at least should be insured. The simplest solution of the matter would seem to be to sell or lease the ground to private parties, leaving them to carry on the market business without city supervision, as has been done in Philadelphia and other cities, and as is done in vast numbers of private markets here.

Considerable repairs have been made at Centre Market, and it is intended, before the close of the present year, to paint the building, by which it will be preserved and its appearance improved.

Free Floating Baths.—The seven public baths were placed in their respective berths and opened to the public on the first of June.

The attendance to June 30th was as follows:

	MALES.	FEMALES.	TOTALS.
Bath at Fifth street, East river.....	129,448	52,821	182,269
" Gouverneur street, East river.....	91,058	30,877	121,935
" Thirty-seventh street, East river.....	65,482	43,152	108,634
" One Hundred and Twelfth street, East river.....	52,124	18,831	70,955
" Bethune street, North river.....	62,382	32,095	94,477

	MALES.	FEMALES.	TOTALS.
Bath at Fifty-first street, North river.....	46,031	34,399	80,430
" the Battery.....	88,570	63,159	151,729
Totals.....	535,392	275,298	810,690

A new bath was completed and placed at the foot of Nineteenth street, East river, early in July.

There is scarcely any public institution of the city which, at such moderate cost, accomplishes so much good as the free baths. They are under good management, and with the aid of the police outside, strict order is maintained amongst the vast numbers who resort to the baths. Accidents or injuries are hardly known; but recently, I regret to say, a child of eleven years old was drowned at the Bethune street bath. The circumstances were detailed at the coroner's inquest, but no blame was attached to the keeper. This is the only case of drowning during the existence of the baths, and out of many millions of bathers.

One of the oldest of the baths will either require renewal or extensive repairs. I propose to ask the Board of Estimate and Apportionment to appropriate money (about \$7,500) for building another bath. The cost is small and the benefit great.

BUREAU OF INCUMBRANCES.

During the quarter this Bureau received 903 complaints of obstructions on streets and sidewalks, and made 291 forcible removals or seizures of the articles constituting the obstructions; it also removed 985 cart loads of refuse material from various streets and avenues. The Bureau received complaints as to the condition of sidewalks, and issued last quarter 630 notices to owners to repair their sidewalks. The number of permits granted for placing building material on streets is 2,442.

The streets leading to the ferries, on which large numbers of people pass, have been much improved by the removal of incumbrances from the sidewalks.

BUREAU OF WATER REGISTER.

The following amounts were collected during the quarter for water rents, penalties and tapping Croton pipes:

Water rents.....	\$475,297 58
Penalties.....	1,216 75
Tapping pipes.....	3,497 50
Total.....	\$480,011 83

The collections from these sources for the six months ending June 30, are \$589,115.90; an increase of \$5,629.59 over the collections for the same period last year.

OTHER REVENUE.

The collections from other sources for the past three and six months are as follows:

	For three months ending June 30.	For six months ending June 30.
For vault permits.....	\$10,275 20	\$14,546 35
For sewer permits.....	6,225 25	10,491 97
From sale of sewer pipe.....	25 46	199 80
From miscellaneous items.....	1,963 92	1,994 17
Totals.....	\$18,464 37	\$27,232 29

Respectfully submitted,

ALLAN CAMPBELL, Commissioner of Public Works.

Document "A."

Showing Titles of Appropriations; Amount of Appropriations and Transfers of 1879; Requisitions on 1879 to April 1, 1880; Requisitions on 1879 in Second Quarter of 1880; Balances of 1879 on July 1, 1880; Appropriations and Transfers of 1880; Requisitions of First Quarter on 1880; Requisitions of Second Quarter on 1880; Balances on July 1, of 1880; with Titles and Conditions of the "Trust Accounts."

TITLES OF APPROPRIATIONS.	Appropriations and Transfers of 1879.	Requisitions on 1879 to April 1, 1880.	Requisitions on 1879 in Second Quarter 1880.	Balances of 1879 on July 1, 1880.	Appropriations and Transfers of 1880.	Requisitions, First Quarter, 1880.	Requisitions, Second Quarter, 1880.	Balances on July 1, 1880.
Aqueduct—Repairs and Maintenance.....	\$111,989 04	\$111,986 04	.....	\$3 00	.....	.....	.....	.....
Aqueduct—Repairs and Maintenance—Salaries.....	13,693 62	13,693 62	.....	.....	.....	.....	.....	.....
Aqueduct—Repairs and Maintenance and Strengthening.....	.....	.....	.....	.....	\$218,500 00	\$15,429 03	\$45,375 66	\$157,695 31
Aqueduct—Repairs and Maintenance and Strengthening—Salaries.....	.....	.....	.....	.....	16,000 00	2,293 32	5,422 17	8,284 51
Boulevard, Roads, and Avenues—Maintenance.....	32,200 00	32,131 26	.....	68 74	46,000 00	5,354 37	13,307 28	27,338 35
Boulevard, Roads, and Avenues—Maintenance—Salaries.....	3,367 24	3,367 24	.....	.....	4,000 00	481 77	1,255 44	2,622 79
Bridge across Fourth avenue at One Hundred and Sixteenth street.....	12,500 00	8,447 74	\$1,674 53	2,377 73	.....	.....	.....	.....
Contingencies—Department of Public Works.....	2,000 00	1,974 54	.....	25 46	2,500 00	147 19	406 33	1,946 48
Contract of P. T. Masterson for Regulating, etc., Twelfth avenue, etc.....	.....	.....	.....	.....	225 69	.....	225 00	69
Croton Water-main Fund—From Taxation.....	150,000 00	71,873 59	3,862 35	74,264 06	.....	.....	.....	.....
Expense of Altering Map of City, west of Eighth avenue.....	1,700 00	1,579 04	.....	120 56	2,500 00	350 00	300 00	1,850 00
Expense of Laying 4-foot Croton Mains, etc.....	.....	.....	.....	.....	75,500 00	.....	31,045 62	44,454 38
Expense of Providing a Supply of Water for the Twenty-fourth Ward.....	12,500 00	7,464 74	.....	.....	.....	.....	.....	.....
Expenses of Grading, Paving, etc., Fort Gansevoort Property.....	25,000 00	22,835 53	5,035 26	2,164 47	.....	.....	.....	.....
Flagging Sidewalks and Fencing Vacant Lots, etc.....	992 77	992 77	.....	.....	2,000 00	.....	1,243 91	756 09
Free Floating Baths.....	2,150 00	2,126 65	.....	23 35	9,850 00	.....	4,619 43	5,230 57
Free Floating Baths—Additional.....	4,446 82	4,431 59	1 85	13 38	.....	.....	.....	.....
Free Floating Baths—Battery.....	9,400 00	9,360 24	.....	39 76	.....	.....	.....	.....
Free Floating Baths—Foot of East Seventeenth street.....	7,800 00	7,179 73	.....	620 27	.....	.....	.....	.....
Free Floating Baths—Salaries.....	10,928 94	10,928 94	.....	.....	17,150 00	450 00	906 50	15,793 50
Janitors—Civil and Police Courts—Salaries.....	9,600 00	9,600 00	.....	.....	3,922 56	1,600 00	2,322 56	2,322 56
Lamps and Gas—Salaries.....	483,000 00	482,911 65	.....	88 35	490,000 00	81,313 45	119,603 43	295,083 12
Laying Croton Pipes.....	5,700 00	5,672 00	.....	28 00	6,000 00	996 00	1,512 00	3,492 00
Public Buildings—Construction and Repairs.....	28,700 00	28,697 74	.....	2 26	35,000 00	5,624 56	39,846 13	204,599 31
Public Buildings—Construction and Repairs—Salaries.....	2,000 00	1,947 12	.....	52 88	.....	6,027 69	6,776 03	22,196 28
Public Drinking-fountains.....	4,200 00	4,199 15	.....	85	5,000 00	546 87	1,447 54	3,005 59
Removing Obstructions in Streets and Avenues.....	1,500 00	1,500 00	.....	.....	3,000 00	704 15	1,038 20	1,257 05
Removing Obstructions in Streets and Avenues—Salaries.....	2,000 00	1,999 32	.....	.....	2,000 00	336 66	557 99	1,105 35
Repairing and Renewal of Pipes, Stop-cocks, etc.....	73,000 00	72,787 79	.....	212 21	75,000 00	19,460 78	27,313 75	28,225 47
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	25,000 00	24,857 45	.....	142 55	29,000 00	5,456 32	13,041 14	10,502 54
Repairs and Renewal of Pavements.....	159,800 00	159,762 34	.....	37 66	150,000 00	4,982 41	60,172 95	84,844 64
Repaving Streets and Avenues under Chapter 476, Laws of 1875.....	298,000 00	194,083 60	85,452 44	18,463 96	300,000 00	1,021 91	7,784 97	288,193 12
Repaving Streets and Avenues under Chapter 476, Laws of 1875—Salaries.....	.....	.....	.....	.....	6,000 00	654 32	2,614 59	2,731 09
Repaving under Chapter 476, Laws of 1875—Salaries.....	5,700 00	5,505 45	.....	194 55	.....	.....	.....	.....
Roads and Avenues—Sprinkling.....	18,000 00	17,999 93	.....	7	.....	.....	.....	.....
Roads and Avenues—Maintenance and Sprinkling.....	.....	.....	.....	.....	22,000 00	1,650 78	7,446 97	12,902 25
Salaries—Department of Public Works.....	92,000 00	91,784 02	.....	215 98	92,000 00	22,107 20	21,998 06	47,834 74
Sewers—Repairing and Cleaning.....	53,200 00	53,149 76	.....	50 24	53,200 00	10,745 28	18,773 62	23,681 10
Sewers—Repairing and Cleaning—Salaries.....	9,300 00	9,298 21	.....	1 79	11,800 00	1,978 83	4,209 62	5,611 55
Sewerage System—Salaries.....	4,700 00	4,699 73	.....	27	15,000 00	1,901 84	2,601 54	10,496 62
Street Improvements—For Surveying, etc.....	273 66	273 66	.....	.....	3,000 00	.....	.....	3,000 00
Supplies for and Cleaning Public Offices.....	65,734 06	65,635 30	.....	41 66	65,000 00	12,759 45	21,063 72	31,176 83
Supplies for and Cleaning Public Offices—Salaries.....	15,816 00	15,730 66	.....	85 34	15,600 00	2,753 30	5,105 99	7,650 71
Supplying Water to Shipping, etc.—Salaries.....	7,989 04	7,989 04	.....	.....	8,000 00	1,349 00	2,658 25	3,992 75
Water Supply for the Twenty-fourth Ward.....	.....	.....	.....	.....	12,500 00	1,909 89	5,150 47	5,439 64
Wells and Pumps—Repairing and Cleaning.....	300 00	186 16	.....	113 84	500 00	.....	117 75	382 25
	\$1,766,181 13	\$1,570,643 34	\$36,068 09	\$99,469 70	\$2,053,748 25	\$210,446 37	\$480,324 61	\$1,362,977 27

MEMORANDUM.—Amount drawn, Second Quarter 1880, on Liabilities of 1878—Repaving under Chapter 476, Laws of 1875, \$490.03.

TITLES OF TRUST ACCOUNTS.	Amounts authorized by Board of Estimate and Apportionment.	Amounts called for by Commissioner of Public Works.	Amounts expended to January 1, 1880.	Amounts of Requisitions, First Quarter, 1880.	Amounts of Requisitions, Second Quarter, 1880.	Total Requisitions to July 1, 1880.	Amounts to Credit on July 1, 1880.
Croton Water Fund.....	\$1,460,000 00	\$1,460,000 00	\$1,331,453 87	\$10,079 76	\$16,618 06	\$1,358,151 69	\$107,848 31
Croton Water-main Fund.....	3,750,000 00	3,750,000 00	3,713,489 83	9,737 02	21,114 95	3,744,341 80	5,658 20
Croton Water-main Fund No. 2.....	1,500,000 00	1,500,000 00	1,370,387 04	46,275 81	23,418 04	1,440,080 89	59,919 11
Street Improvements above Fifty-ninth street.....				4,388 31	6,546 41		
Street Improvement Fund.....				57,470 98	78,408 33		
Meter Stock.....	50,000 00	50,000 00	14,806 02	6,220 62	6,656 83	29,683 47	20,316 53

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

Statement showing all Revenues of the City received through the Department of Public Works during the First Six Months of the Year 1880.

SOURCE OF REVENUE.	FIRST QUARTER, 1880.	SECOND QUARTER, 1880.	TOTAL SIX MONTHS, 1880.
Water Rents.....	\$105,350 47	\$475,297 58	\$580,648 05
Water Penalties.....	1,895 60	1,216 75	3,112 35
Pipe-tapping.....	1,858 00	3,497 50	5,355 50
Sewer Permits.....	4,266 72	6,225 25	10,491 97
Vault Permits.....	4,271 15	10,275 20	14,546 35
Work done for and material furnished to citizens.....	247 85	247 85	495 70
Redemption of street obstructions.....	30 25	37 25	67 50
Sales at Corporation Yards, etc.....		95 53	95 53
Rent of derrick, etc.....		1,583 29	1,583 29
Vitrified stoneware pipe sold.....	199 80		199 80
Total.....	\$117,871 99	\$498,476 20	\$616,348 19
Meter Stock deposit—"Special Fund".....	\$2,616 12	\$1,660 45	\$4,276 57

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

Document "B."

Being a Statement in detail of Liabilities of the City of New York, for which Requisitions were drawn on the Comptroller by the Department of Public Works, during the Quarter ending June 30, 1880.

APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening—		
Building stone.....		\$2,602 50
Castings.....		100 87
Cement and brick.....		3,457 42
Coal.....		3,855 40
Flagging.....		278 28
Lumber.....		379 30
Oil.....		1,126 59
Pay-rolls.....		28,803 94
Repairing tools.....		261 26
Rubber hose.....		165 70
Sawdust.....		35 00
Supplies.....		1,370 00
Tallow.....		48 96
Taxes.....		514 14
Tools.....		1,942 38
Traveling expenses.....		433 92
Total.....		\$45,375 66
Aqueduct—Repairs, Maintenance and Strengthening (Salaries)—		
Pay-rolls, Engineers, etc.....		\$5,422 17
Boulevard, Roads and Avenues, Maintenance of—		
Coal.....		\$18 00
Gravel.....		930 20
Horsekeeping.....		13 50
Lumber.....		113 15
Pay-rolls.....		10,305 36
Rent of office.....		162 50
Repairing harness.....		11 05
tools.....		178 78
Sand and clay.....		595 14
Supplies.....		303 03
Tools.....		358 07
Trees.....		318 50
Total.....		\$13,307 28
Boulevard, Roads and Avenues—Maintenance of (Salaries)—		
Pay-rolls, Engineers, etc.....		\$1,255 44
Bridge across Fourth avenue, at intersection of One Hundred and Sixteenth street—		
Building bridge.....		\$907 87
Filling.....		450 00
Pay-rolls, Engineer, etc.....		316 66
Total.....		\$1,674 53
Contingencies—Department of Public Works—		
Incidentals.....		\$200 00
Traveling expenses.....		206 33
Total.....		\$406 33
Contract of P. T. Masterson, for Regulating, Grading, etc., Twelfth Avenue—		
Inspecting.....		\$225 00
Croton Water-main Fund—Taxation for 1879—		
Laying mains in Eighty-seventh street, etc.....		\$3,862 35
Expense of altering Map of City, west of Eighth Avenue—		
Pay-rolls, Engineers, etc.....		\$300 00
Expense laying 4-foot Croton-mains, etc.—		
Cast-iron pipe.....		\$30,717 62
Pay-rolls.....		328 00
Total.....		\$31,045 62
Expense Providing Supply of Water, Twenty-fourth Ward, for 1879—		
Laying mains.....		\$5,035 26

Flagging Sidewalks and Fencing Vacant Lots in front of City Property—

City Prison.....	\$936 33
Fulton Market.....	307 58
Total.....	\$1,243 91

Free Floating Baths—

Mooring baths.....	\$65 00
Painting baths.....	1,360 00
Repairing baths.....	1,543 18
Storing baths.....	758 80
Towing baths.....	301 00
Supplies.....	591 45
Total.....	\$4,619 43

Free Floating Baths, Additional—

Supplies.....	\$1 85
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Free Floating Baths—Salaries—

Pay-rolls.....	\$906 50
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Janitors, Civil and Police Courts—Salaries—

Pay-rolls.....	\$2,322 56
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Lamps and Gas—

Crossheads.....	\$180 00
Glass.....	473 75
Lamps.....	900 00
Lamp-bolts.....	4 80
Lamp-frames.....	36 00
Lamp-globes.....	533 00
Lamp-irons.....	190 00
Lamp-posts.....	856 50
Lamp tops and reflectors.....	343 75
Lighting Armory, Battery B.....	4 48
" " " K.....	5 03
" " " Separate Troop A.....	28 27
" " " " B.....	18 66
" " " 3d Regiment.....	39 06
" " " 5th ".....	46 65
" " " 7th ".....	136 05
" " " 8th ".....	74 91
" " " 9th ".....	182 62
" " " 11th ".....	36 90
" " " 12th ".....	64 56
" " " 22d ".....	217 58
" " " 69th ".....	63 82
" " " 71st ".....	56 40
" " " Brown Stone Building.....	30 10
" " " City Hall.....	326 50
" " " County Jail.....	200 93
" " " Court, Marine.....	7 33
" " " Special Sessions.....	28
" " " Civil, 2d District.....	12 18
" " " " 4th ".....	1 43
" " " " 5th ".....	3 37
" " " " 6th ".....	1 12
" " " " 8th ".....	1 88
" " " " 9th ".....	1 87
" " " Police, 1st District.....	169 12
" " " " 2d ".....	28 11
" " " " 3d ".....	34 43
" " " " 4th ".....	17 43
" " " " 5th ".....	13 97
" " " Court-house, 3d District.....	96 88
" " " " New.....	771 40
" " " Department of Buildings.....	2 32
" " " Engine-house, High Bridge.....	49 51
" " " " Ninety-eighth street.....	33 25
" " " Market, Catharine.....	33 46
" " " " Centre.....	114 91
" " " " Clinton.....	44 47
" " " " Essex.....	34 49
" " " " Fulton.....	347 34
" " " " Jefferson.....	38 33
" " " " Tompkins.....	76 20
" " " " Union.....	4 87
" " " " Washington.....	354 62
" " " Office Collector Arrears Personal Taxes.....	10 22
" " " " Corporation Attorney.....	38 08
" " " " Engineers, Eighth avenue and One Hundred and Twenty-fifth st.....	12
" " " " Receiver of Taxes.....	106 82
" " " Photometrical Rooms.....	35 65
" " " Rivington Street Yard.....	1 80
" " " South Gate-house.....	5 00
" " " Streets and Parks, Central Gas-light Co.....	19,642 80
" " " " Harlem.....	20,979 95
" " " " Manhattan.....	22,279 86
" " " " Metropolitan.....	18,869 59
" " " " New York.....	11,793 66
" " " " N. Y. Mutual.....	4,025 91
" " " " Northern.....	13,166 76
" " " " Yonkers.....	547 50
" " " Office rent, Photometrical Rooms.....	162 50
" " " Pay-rolls, Lighters Markets.....	316 67
" " " Repairing crossheads.....	26 25
" " " Repairing lamps.....	5 20
" " " Supplies.....	33 80
" " " Tools.....	132 00
" " " Traveling expenses.....	78 40
Total.....	\$119,603 43

Lamps and Gas (Salaries)—

Pay-rolls, Inspectors, etc.....	\$1,512 00
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Laying Croton Pipes—	
Cast-iron pipe	\$19,565 72
Hydrants	4,035 00
Laying mains	9,605 66
Lead	609 26
Pay-rolls	5,100 73
Stop-cock boxes and covers	853 58
Stop-cocks	38 60
Traveling expenses	37 58

Total \$39,846 13

Public Buildings—Construction and Repairs—

Armory, 9th Regiment	\$210 50
Brown Stone Building	136 89
Bureau Repairs and Supplies	207 57
City Hall	523 03
City Prison	69 60
County Jail	1,489 35
Court, 2d District Civil	453 91
“ 6th “	1 95
“ 8th “	55 95
Court-house, 3d District	76 62
“ 5th “	19 19
“ 7th “	77 40
“ 9th “	24 48
“ New	1,585 00
Market, Essex	32 86
“ Fulton	118 08
“ Washington	805 63
No. 25 Norfolk street	10 41
No. 522 West Twenty-fourth street	96 34
Office Corporation Counsel	106 06
Office Register	2 09
Pay-rolls, Carpenters	645 00
Rivington Street Yard	20 92

Total \$6,776 03

Public Drinking Hydrants—

Repairing hydrants	\$1,447 54
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Removing Obstructions in Streets and Avenues—

Carting and labor	\$975 70
Traveling expenses	62 50

Total \$1,038 20

Removing Obstructions in Streets and Avenues (Salaries)—

Pay-rolls, Inspectors	\$557 99
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Repairing and Renewal of Pipes, Stop-cocks, etc.—

Horsekeeping	\$281 46
Hydrant-boxes	265 00
Hydrants	1,207 50
Lumber	786 61
Pay-rolls	19,815 08
Repairing hydrants	525 00
Repairing vaults	307 25
Steel	87 64
Stop-cocks	592 00
Stop-cock boxes and covers	1,786 50
Stop-cock screws, etc.	717 50
Supplies	33 24
Tapping cocks, etc.	486 00
Tools	136 85
Traveling expenses	80 22
Waste-cocks	90 90
Wood and coke	115 00

Total \$27,313 75

Repairing and Renewal of Pipes, Stop-cocks, etc. (Salaries)—

Pay-rolls	\$13,041 14
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Repairs and Renewal of Pavements—

Bridge stone	\$5,130 80
Carting stone	262 70
Glass globes	40 00
Oil	51 00
Pay-rolls	40,970 47
Repairing crosswalks	4,170 00
“ pavements	2,868 81
“ tools	521 40
“ wagon	41 09
Sand	5,012 50
Tin signs	44 00
Tool carts	582 00
Tools	478 18

Total \$60,172 95

Repaving, under Chapter 476, Laws of 1875, for 1878—

Vesey street, between Broadway and West street, J. F. Broderick	\$490 03
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Repaving, under Chapter 476, Laws of 1875—

Water and Madison streets, J. M. Shannon	\$1,368 41
Twenty-first, Twenty-sixth, Thirty-seventh, and Forty-fifth streets, O. Fitzpatrick	1,015 91
Twenty-fourth street and First avenue, O. Fitzpatrick	19,745 26
Fifty-sixth and Fifty-eighth streets, J. F. Hayden	14,891 65
Fifth avenue, between Seventy-second and Ninetieth streets, Wm. Everard	26,210 36
Seventh avenue, between Forty-seventh and Fifty-ninth streets, L. W. Johnson	1,717 84
Tenth avenue, between Thirty-first and Forty-second streets, D. McGrath	20,503 01

Total \$85,452 44

Repaving Streets and Avenues—

Twenty-second street, between Sixth avenue and Hudson river, W. A. Cumming	\$10,784 97
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Repaving Streets and Avenues (Salaries)—

Pay-rolls	\$2,614 59
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Roads and Avenues—Maintenance and Sprinkling—

Broken Stone	\$850 00
Filling	150 00
Laying ridge	79 15
Pay-rolls	4,233 45
Powder and Fuse	17 55
Repairing Tools	154 32
Stone Chips	1,900 00
Traveling Expenses	62 50

Total \$7,446 97

Salaries—Department of Public Works—

Pay-rolls	\$21,998 06
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Sewers—Repairing and Cleaning—

Cement, brick, etc.	\$250 25
Cleaning basins and culverts	2,500 00
Horsekeeping	84 00
Pay-rolls	8,071 12
Repairing basins	326 14
“ manhole	31 85
“ sewers	7,102 46
Lumber	66 00
Setting manhole heads	23 00
Sewer pipe	67 50
Supplies	21 60
Traveling expenses	229 70

Total \$18,773 62

Sewers—Repairing and Cleaning (Salaries)—

Pay-rolls	\$4,209 62
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Sewerage System (Salaries)—

Pay-rolls	\$2,601 54
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Supplies for and Cleaning Public Offices, for 1879—

Armory, 71st Regiment	\$41 66
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Supplies for and Cleaning Public Offices—

Armory, 8th Regiment	\$93 75
“ 9th “	225 00
“ 11th “	39 60
“ 22d “	25 10
“ 69th “	6 50
“ 71st “	24 75
Board of Aldermen	542 91
“ Assessors	9 25
Brown Stone Building	127 08
Bureau Repairs and Supplies	750 85
City Hall	664 21
Court Common Pleas	202 09
“ General Sessions	53 50
“ Marine	28 50
“ Special Sessions	70 50
“ Superior	198 43
“ Supreme	55 00
Court, Civil, 1st District	108 00
“ 2d “	95 50
“ 3d “	74 00
“ 4th “	104 25
“ 5th “	5 00
“ 6th “	62 13
“ 7th “	4 50
“ 8th “	106 30
“ 9th “	8 75
“ 10th “	32 25
Court, Police, 1st	39 80
“ 2d “	19 00
“ 3d “	31 16
“ 4th “	81 85
“ 5th “	233 02
Court-house, 3d District	52 73
“ 7th “	125 00
“ 9th “	12 50
“ New	1,763 61
Department of Buildings	193 18
“ Finance	317 37
“ Public Works	93 98
Dispensary Building	188 52
Office Collector Arrears Personal Taxes	6 30
“ Commissioner of Jurors	4 00
“ Corporation Counsel	475 41
“ “ Attorney	11 52
“ County Clerk	35 00
“ Mayor	53 00
“ Public Administrator	11 13
“ Surrogate	202 31
No. 27 Chambers street	29 41
Pay-rolls, Cleaners	13,366 22

Total \$21,063 72

Supplies for and Cleaning Public Offices (Salaries)—

Pay-rolls	\$5,165 9
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Supplying Water to Shipping and for Building Purposes (Salaries)—

Pay-rolls	\$2,658 25
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Water Supply for the Twenty-fourth Ward—

Cast-iron pipe	\$995 69
Hydrants	30 37
Laying mains	3,156 86
Pay-rolls	276 50
Water	220 80
Water-meters	470 25

Total \$5,150 47

Wells and Pumps, Repairing and Cleaning—

Putting in pump	\$117 75
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RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs and Maintenance, and Strengthening	\$45,375 66
“ “ “ “ Salaries	5,422 17
Boulevard, Roads and Avenues—Maintenance	13,307 28
“ “ “ “ Salaries	1,255 44
Bridge across Fourth avenue at One Hundred and Sixteenth street, for 1879	1,674 53
Contingencies—Department of Public Works	406 33
Contract—P. T. Masterson, for Regulating, etc., Twelfth avenue, etc.	225 00
Croton Water-main Fund—Taxation for 1879	3,862 35
Expense Altering Map of City West of Eighth avenue	300 00
“ Laying 4-foot Croton Mains, etc.	31,045 62
“ Providing Supply of Water, Twenty-fourth Ward, for 1879	5,035 26
Flagging Sidewalks and Fencing Vacant Lots, etc.	1,243 91
Free Floating Baths	4,619 43
“ Additional, for 1879	1 85
“ Salaries	906 50
Janitors, Civil and Police Courts—Salaries	2,322 56
Lamps and Gas	119,603 43
“ Salaries	1,512 00
Laying Croton Pipes	39,846 13
Public Buildings—Construction and Repairs	6,776 03
Public Drinking Hydrants	1,447 54
Removing Obstructions in Streets and Avenues	1,038 20
“ “ “ “ Salaries	557 99
Repairing and Renewal—Pipes, Stop-cocks, etc.	27,313 75
“ “ “ “ Salaries	13,041 14

Sewers.—	
Tenth avenue, between Eighty-third and Ninety-second streets, P. T. Masterson	\$1,822 70
Cliff street, between Beekman and Ferry streets, L. Rock	814 03
Front street, between Dover and Roosevelt streets, M. Gavin	199 65
Front street, between Dover and Roosevelt streets, R. A. Cuning- ham	725 62
Forty-second street, between Third avenue and East river, J. Mul- holland	393 38
Forty-third street, between First avenue and East river, C. J. McKim	3,593 70
Forty-third street, between Second and Third avenues, J. Everard	1,487 85
Sixty-fourth street, between Eighth avenue and Boulevard, P. T. Masterson	2,605 35
Sixty-eighth, Sixty-ninth, and Seventieth streets, between First ave- nue and Avenue A, J. T. McDonald	4,857 48
Sixty-ninth and Seventieth streets, between Second and Third avenues, J. H. McCabe	2,888 14
Seventy-third street, between Eighth and Tenth avenues, J. G. Smith	2,996 28
Ninety-fifth street, between Third and Lexington avenues, J. B. Healy	229 50
One Hundred and Seventh street, between Fourth and Fifth avenues, P. Mulholland	259 80
One Hundred and Tenth street, between Seventh and New avenues, etc., M. Noonan	1,065 75
One Hundred and Fifteenth street, between Fourth and Madison avenues, F. Stollmeyer	109 80
One Hundred and Thirty-second street, between Seventh avenue and 300 feet west, Wm. E. Dean	990 37
One Hundred and Thirty-fifth street, between Fifth avenue and Har- lem river, E. Bradburn	5,371 46
Pay-rolls, Engineers, Sewers	\$35,708 90
“ Inspectors, Paving	4,821 43
“ “ Regulating, Grading, etc.	252 00
“ “ Sewers	1,875 00
Surveyors' Fees	4,125 82
	871 73
Total	\$78,408 33

CROTON WATER FUND.

Expert services.....	\$1,433	00
Horsekeeping, etc.....	212	13
Legal expenses.....	6,013	41
Printing.....	750	50
Rent of mill seat.....	375	00
“ offices.....	67	50
Repairing tools.....	12	50
Rebuilding wall.....	572	50
Sodding.....	240	76
Supplies.....	153	25
Pay-rolls.....	6,447	43
Traveling expenses.....	340	08
Total.....	\$16,618	06

Changing taps.....	\$199 65
Horsekeeping	108 50
Manhole heads and covers.....	505 00
Pay-rolls.....	20,301 80
Total.....	\$21,114 95

Coal.....	\$23 75
Engine.....	2,475 00
Gas-fitting.....	245 00
Hydrants.....	840 00
Laying mains.....	250 89
Oil.....	308 56
Pay-rolls.....	2,419 96
Pumps, Boilers, etc.....	15,200 00
Repairing engine-house.....	448 25
Sand.....	120 80
Scale.....	192 00
Stop-cocks.....	525 00
Tank, etc.....	109 96
Traveling expenses.....	50 34
Supplies.....	217 53

Water-meters	\$2,591 05
“ setting	4,065 78
Total	<u>\$6,656 83</u>

Crosswalks—	
Tenth avenue, at One Hundred and Fifty-second street, G. Palmer.....	\$210 66
Fencing—	
Boulevard, between Seventy-second and Seventy-fourth streets, M. Mahoney	\$49 34
First avenue, southwest corner Sixty-first street, M. Mahoney.....	93 46
Eighth avenue, east side, between One Hundred and Tenth and One Hundred and Fifteenth streets, G. Palmer.....	252 16
Eighth avenue, west side, between One Hundred and Seventh and One Hundred and Fifteenth streets, G. Palmer.....	607 75
Fifty-ninth street, south side, between Fifth and Sixth avenues, G. Palmer.....	78 62
Seventy-second street, between Ninth and Tenth avenues, M. Mahoney	143 93
Seventy-sixth street, between Lexington and Fourth avenues, G. Palmer.....	236 64
One Hundred and Twenty-fifth street, southwest corner Fifth avenue, G. Palmer.....	100 98
One Hundredth street, between Seventh and New avenues, etc., G. Palmer.....	546 65

South side Seventieth street, between Madison and Fifth avenues, Thos. Pearson. . . 75 60

Ninth avenue, between Boulevard and Seventy-seventh street, Assawassuc Granite Co..... 2,450 00

Madison avenue, between Ninety-ninth and One Hundred and Fifth streets, J. Slattery.....	\$3,543 75
Twelfth avenue, between One Hundred and Thirtieth and One Hundred and Thirty-third streets, P. Masterson.....	179 88
Sixty-sixth street, between Eighth avenue and Boulevard, J. Mulholland	1,239 00
Seventieth street, between Eighth and Tenth avenues, J. Brady....	2,450 00
Seventy-third street, between Third avenue and East river, P. Farley	1,827 00
Eighty-first street, between Eighth and Ninth avenues, J. T. Gallagher.....	2,110 70
Ninety-fifth street, between Fifth and Lexington avenues, J. Williams	1,155 00
Ninety-ninth street, between First and Third avenues, J. D. Crimmins	315 00
One Hundred and Second street, between Fifth avenue and Harlem river, J. Walsh	4,938 50

Forty-second street, between First and Second avenues, Edward Freel.....	7,809 76
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Front street, at Smith and Montgomery streets, M. H. Moore	339 07
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Mt. Morris avenue, between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets, L. Rock.....	\$494 32
Avenue B, between Eighty-fourth and Eighty-sixth streets, C. J. McKim	\$3,571 61
Ninth and New avenues, east of Morningside Park, Wm. E. Dean...	1,231 51

STREET IMPROVEMENTS ABOVE FIFTY-NINTH STREET

Morningside avenue, West—		
Pay-rolls.....		\$474 91
Eleventh avenue, between One Hundred and Fifty-fifth street and Kingsbridge road—		
Pay-rolls.....	\$1,407	70
Regulating, Grading, etc.....	2,695	00
		4,102 70
Boulevard Planting—		
Surveying.....	\$1,350	48
Trees.....	14	62
		1,365 10
Avenue St. Nicholas Planting—		
Surveying	\$555	72
Trees.....	47	98
		603 70
Total		\$6,546 41

Croton Water Fund.....	\$16,618 06
Croton Water-main Fund, No. 1.....	21,114 95
" " " 2.....	23,418 04
Meter Stock.....	6,656 83
Street Improvement Fund.....	78,408 33
Street Improvements above Fifty-ninth street.....	6,546 41
Total.....	\$152,762 62

Appropriations	\$576,882	73
Funds and Trust Accounts.....	152,762	62
Grand Total.....	<u>\$729,645</u>	<u>35</u>

Contracts entered into during the Three Months ending June 30, 1880.

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	AMOUNT.
1880.	<i>Sewers.</i>			
Apr. 17	Sewer in Madison avenue, between One Hundred and Tenth and One Hundred and Thirteenth streets..	J. D. Moore, 220 E. 105th street...	Timothy Donovan, 412 E. 114 street.... Edward C. Sheehy, 1453 Third avenue..	\$2,588 25
" 17	Sewer in One Hundred and Twenty-eighth street, between Second and Third avenues.....	P. Mulholland, 1332 Third avenue...	Patrick Sheehy, 251 E. 83d street..... Thomas Regan, 245 E. 37th street....	2,451 00
" 17	Sewer in Lexington avenue, between Sixty-ninth and Seventieth streets, from end of present sewer in Seventieth street	P. Mulholland, 1332 Third avenue...	Patrick Sheehy, 251 E. 83d street.... Thomas Regan, 245 E. 37th street....	988 25
" 17	Sewer in One Hundred and Thirty-second street, between Seventh avenue and a point 300 feet west of Seventh avenue.....	William E. Dean, 531 E. 117th street...	Robert Prior, 2389 Third avenue.. Chas. Lutz, 208 E. 113th street..	1,094 95
" 17	Sewers in Ninth avenue and the New avenue east of Morningside park, between One Hundred and Fiftieth and Manhattan street, and in One Hundred and Sixteenth street, between new avenues next east of Morningside park.....	William E. Dean, 531 E. 117th street...	Robert Prior, 2389 Third avenue.. James Rogers, Foot of 132d street...	13,229 80
May 11	Sewer in Cliff street, between Beekman and Ferry streets.....	Lawrence Rock, 459 W. 40th street...	Patrick Reilly, 324 E. 56th street.... Thomas McManus, 709 Lexington avenue	993 75
" 20	Sewer in Ninety-sixth street, between Fifth and Madison avenues.	Jos. F. Gallagher, 306 E. 112th street...	Timothy Donovan, 412 E. 114th street...	4,425 00
June 4	Sewer in One Hundred and Twenty-second street, between Seventh avenue and summit east of Seventh avenue	William E. Dean, 531 E. 117th street...	James Rogers, Foot of W. 132d st.. Charles Lutz, 208 E. 113th street...	1,649 00
" 4	Sewer in One Hundred and Twenty-second street, between Sixth avenue and summit west of Sixth avenue.....	William E. Dean, 531 E. 117th street...	James Rogers, Foot of W. 132d st.. Charles Lutz, 208 E. 113th street...	844 00
" 5	Sewer in Macdougall street, between West Fourth street and West Washington place, from end of present sewer in West Washington place.....	Albert J. Riss.....	John Mowatt, 103d street and Boulevard..... John Dowling, 83d street and Ave. A	1,043 25
" 5	Sewer in Sixty-seventh street, between Eighth and Ninth avenues.	Patrick Mulholland, 1332 Third avenue...	Patrick Sheehy, 251 E. 83d street.... Thomas Regan, 345 E. 37th street...	3,243 60
" 16	Sewer in Fifth avenue, east side, between Fifty-fifth and Fifty-ninth streets.....	James Baird, 40 E. 50th street.....	William Baird, 310 E. 57th street.... Matthew Baird, 306 E. 57th street....	15,785 00
				\$48,335 85

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DEPARTMENT PUBLIC WORKS,
OFFICE CHIEF ENGINEER, NEW YORK, July 1, 1880.

ALLAN CAMPBELL, Esq., Commissioner of Public Works:

SIR—I have the honor to report that during the quarter ending June 30, 1880, there has been expended in this Bureau, for work done and materials furnished, and for which bills have been transmitted, as follows:

Aqueduct—Repairs, Maintenance, and Strengthening.....	\$45,110 24
Aqueduct—Repairs and Maintenance, "Salaries".....	4,275 51
Bridge across Fourth avenue at One Hundred and Sixteenth street.....	1,680 53
Croton-water Fund.....	16,462 31
Croton Water Main Fund, No. 1.....	837 24
Croton Water Main Fund, No. 2.....	22,515 50
Croton Water Main Fund—From Taxation, 1879.....	3,862 35
Contingencies—Department Public Works.....	20 60
Expenses of Laying Four-foot Croton-mains.....	19,414 34
Expenses of Altering Map of City West of Eighth avenue.....	300 00
Expenses of Providing a Supply of Water for the Twenty-fourth Ward.....	5,035 26
Laying Croton Pipes.....	42,139 40
Meter Stock.....	7,264 08
Repairing and Renewal of Pipes, Stop-cocks, etc.....	6,806 17
Repairing and Renewal of Pipes, Stop-cocks, and Water Inspection, "Salaries".....	6,481 50
Supplying Water to Shipping and for Building Purposes.....	1,947 75
Water Supply for the Twenty-fourth Ward.....	5,150 47
Total.....	\$189,303 25

STORAGE RESERVOIRS.

On the first of June, all the lakes and Boyd's Corners reservoir were full, the reservoir at South East had filled to within four feet of the top of the overflow. Commenced drawing from Boyd's Corners reservoir June 15, and from Barret pond on same date.

	Gallons.
Amount drawn from Boyd's Corners reservoir.....	610,000,000
" Barret pond.....	120,000,000
" Middle Branch reservoir.....	255,000,000
Total to June 30, 1880.....	985,000,000

The roads around the reservoir at South East have been repaired and put in good order. A fence and the necessary grading and filling has been completed around the keeper's house at Boyd's Corners reservoir. The cleaning out of the Muscote river below Lakes Kirk and Mahopac has been continued from last year. The necessary bridges will be placed over same and a dam built to replace an old dam torn away two years since. The Commissioners to appraise lands and damages around Lakes Kirk and Mahopac have made their report, but part of same was returned by the court for certain amendments and divisions, so that the awards have not been paid nor possession taken. The Commission to appraise damages along the Muscote river, from Red Mills, to Croton river, have had several meetings during the quarter.

Rain-fall.

	APRIL.	MAY.	JUNE.	TOTAL.
Boyd's Corners Reservoir.....	3.99	1.17	1.28	6.44
South East Reservoir.....	3.44	1.00	1.43	5.87
Kensico.....	2.42	.84	1.67	4.93

It will be seen by the above table of rain-fall that the past quarter has been unusually dry. Rain-fall from January 1, 1880, to June 30, 1880, at Boyd's Corners, 17 87-100 inches, being the driest season for fourteen years except 1872, when the rain-fall at Boyd's Corners for the same term was 15 98-100 inches.

BRONX RIVER SUPPLY.

The Commissioners for appraising the value of the lands and the damages to same, for a reservoir near Kensico, and for a conduit line from Kensico to between Hartsdale and Scarsdale, Westchester county, were appointed in May, held their first meeting June 12, 1880, and organized and adjourned to July 27, 1880. The entire line of the conduit from the dam at Kensico to Jerome avenue, near Williamsbridge, has been located. The necessary maps for filing are being prepared as fast as the searches as to owners of the property taken are completed. A large amount of work has been done in running property lines around and about the Rye lakes, in order to determine the boundaries of the several parcels of land, and have been carried on as fast as searches and maps could be obtained. Titles and descriptions being very vague, more or less delay will still occur before the maps of these lakes and the property to be flowed can be finished. The plans and specifications are ready for the dam at Kensico. The Common Council of the City of Yonkers have granted to the City of New York the right to lay a conduit pipe through the several roads and avenues in the City of Yonkers, where the location of the conduit pipe is in or under same. The fixing of the grades of these streets and avenues is in the hands of the City Engineer of Yonkers for settlement. We have been over the ground, agreed upon grades, mutually satisfactory, and he will make the necessary maps and file the same. This will allow this Department to lay 16,500 feet of conduit pipe, part on roads laid out and owned by the City of New York, and part on roads laid out and owned by the City of Yonkers. Plans, specifications and estimates for this work will be ready in a few days. The survey of the Bronx river, from West Farms to Kensico, has been completed, and the maps and profiles of same are being made. Land has been purchased from the executors of E. M. Davis. This includes the site of the dam at Kensico. As soon as the specifications and proposals are printed this work on the reservoir on the Bronx river will be advertised.

AQUEDUCT.

The Croton river furnished a full supply to the aqueduct until June 7. From June 7 to June 15 the deficiency was supplied from Croton Lake, amounting to 250,000,000 gallons. Since the 15th the deficiency has been supplied from storage in Putnam County. Wet weather and muddy roads early in the season prevented hauling the supply of materials and delayed active work in strengthening top-arches on embankments until the middle of the second week in May. Since that time good progress has been made in these special repairs, as is shown in the following table. The repairs of the interior of the aqueduct on the 25th, 26th, and 27th of May were unusually successful and thorough. As I had anticipated and stated, the outside repairs of the previous season, made while the conduit was under full pressure, held the cracks open and enabled us to find and repair them, from the inside. This we have never been able to do before on account of the cracks closing up when the aqueduct was relieved of pressure by emptying for inside work. Three embankments where the conduit has been repaired, both outside and inside, were found by the above means to have been in a far more dangerous condition than my report represented during the time they were being reinforced. Both the brick lining and stone side-walls were completely broken up, only held by the feeble support of the outside earth embankments. All of the places where the outside had been strengthened were thoroughly repaired, and at other places more work was done than for several years past, the appropriations allowing a larger force, and having them well-trained on the outside work. On the land purchased for the purpose at Bailey's Brook, a new channel was opened, and the water is now running through it—removing the bed of the brook from dangerous proximity to the aqueduct embankment and has thoroughly drained the foundation. On the Seventh Division, at High Bridge, a considerable amount of pointing has been done, in addition to the routine work. On the Eighth Division the railing of the New Reservoir has been painted, and also the gate-house roofs, wood-work, etc.; the usual work of cleaning stop-cocks, chambers, screws, gates, etc.; a new fence and sidewalk has been placed at the Keeper's house on the Transverse road.

The line of the Aqueduct, from Croton-dam to the city has been cleaned and the grass cut. The following table gives amounts of special work on the first Six Divisions:

DIVISION.	LINEAL FEET OF TOP ARCH MASONRY.	CUBIC YARDS OF DRY PROTECTION WALL BUILT.	CUBIC YARDS OF EARTH REMOVED FROM ROOF OF ARCHES.	BOARD FENCE BUILT, LINEAL FEET.
First.....	380	306	1,320	2,000
Second.....	425	170	1,800	3,500
Third.....	854	295	400	1,440
Fourth.....	325	900	1,333	900
Fifth.....	360	1,740	1,455	1,340
Sixth.....	276	40	2,056	.....
Total.....	2,620	3,451	8,364	9,180

LAYING CROTON PIPES.

Contracts for laying pipes in Walton avenue, between One Hundred and Fiftieth and One Hundred and Fifty-first streets; One Hundred and Third street, between Second and Third avenues; Sixty-seventh street, between Fifth and Madison avenues; Thomas street, between Kingsbridge road and School House; Ogden avenue, between Aqueduct and Jerome avenues; One Hundred and Fifty-seventh street, between Courtland and Fourth avenues; One Hundred and Sixty-fifth street, between Washington and Railroad avenues; One Hundred and Thirty-fifth street, between Sixth and Seventh avenues; Tenth avenue, between Eighty-first and Eighty-third streets, and between One Hundred and Ninth and One Hundred and Tenth streets; One Hundred and Tenth street, between Tenth avenue and Boulevard; Morris avenue, between One Hundred and Fifty-fifth and One Hundred and Sixty-fourth streets; One Hundred and Sixty-first street, between Morris and Railroad avenues, and in Courtland avenue, between One Hundred and Fifty-eighth and One Hundred and Sixty-third streets, have been completed. One contract for furnishing cast-iron water-pipes has been filled and completed. One contract for cast-iron water-pipes; One contract for hydrant stop-cocks, etc., and Two contracts for laying water-pipes have been entered into. On May 3d the Pumping Engineer in the New High-service Works, Ninety-seventh and Ninety-eighth streets, 100 feet west of Ninth avenue, were ready to start, and one or the other of them has been run continuously since that date. They work well, and as soon as the felting and casing is completed the tests called for in the contract will be made. One gang of men has been making the necessary connections, etc., and extending the area of the district supplied with High-service Water west and south of Central Park. We are now pumping at New Works 6,000,000 gallons per day, and at High Bridge 1,500,000 gallons per day, and are supplying double the number of houses. The contractor for the engine and boiler houses is putting in doors, lights, and completing the tower, not being able this spring to obtain Haverstraw brick, which his contract calls for, he was delayed in commencing work on the tower. One gang of men have been to work during the quarter, placing hydrants as called for by the Fire Department.

AMOUNT OF PIPE LAID DURING THE QUARTER.

12-inch pipe.....	2,224 lineal feet.
6-inch pipe.....	32,947 lineal feet.
Total.....	35,171 lineal feet.
Hydrants placed.....	137

SUPPLYING WATER TO THE TWENTY-FOURTH WARD.

The contract for laying pipes in this ward has been completed, and parties are now putting in taps and using the water from Yonkers. Bids were opened on the 24th June for extending this work as far as the limited appropriations for the year would allow.

BRIDGE ACROSS FOURTH AVENUE AT ONE HUNDRED AND SIXTEENTH STREET.

The bridge is completed and open for use, the resetting of the railing on the retaining-walls north and south of same is being prosecuted slowly, and the whole contract will be completed in July.

LAYING 4-FOOT CROTON-MAINS FOR AQUEDUCT PURPOSES.

This work has been relet and is now being prosecuted vigorously, 1,300 feet of same having been laid since the contractor commenced work. The inspection of the pipes and hydrants along the wharves, piers and bulkheads, and of the use of water for shipping and building purposes has been continued. During the quarter there has been issued:

Permits for engines on wharfs, amounting to.....	\$744 30
Permits for shipping, amounting to.....	6,789 61
Permits for building purposes, amounting to.....	6,035 56
Water measured by meter, amounting to.....	19,404 69
Total.....	\$33,034 16

The examinations of buildings, for leaky fixtures and waste, has been continued with a reduced force during the quarter. Exhibit "A" shows the number of houses visited, and leaks, etc., found and repaired. The placing of meters on hotels, stables, etc., has been continued and notices are now being sent to all large stores, office buildings, etc., to place meters. Number of meters placed during the past quarter, 532. Number of meters now in use, 2,344.

USE AND WASTE OF WATER.

During the month of April the Reservoirs were kept up and a fair pressure was obtained throughout the city, the use being the amount brought in by the aqueduct. During May and June the drought and warm weather having continued, the daily consumption has increased to four million of gallons more than the aqueduct will safely carry, and the head of water throughout the city reduced, the water not raising to within one and in some places two stories of the height it did on April 1. While the water was shut off from the aqueduct for repairs, on May 25, 26, and 27, the use of the city from the reservoirs was, on the 25th, 95,000,000 gallons, on the 26th, 88,000,000 gallons, and on the 27th, 85,000,000 gallons, and the depth of water in the reservoirs was decreased 8½ feet. There has been put in since the 1st of January, 1880, 1,300 taps, a larger number than any other year in ten years. The area of the aqueduct is 53 square feet, the area of the taps and connections with our mains is about 170 square feet, and the average number of faucets or places to draw water in the buildings is five to each tap or connection, showing that the appliances in the city to draw water are over four times the capacity of the present aqueduct, and that it only requires one-fourth of them to be opened continually to destroy the pressure of water throughout the city, and have it run only in the basements. By the census of this year the population of the city is 1,208,000, average use of water per day 93,500,000 gallons, or 78 gallons per day per capita. Deducting the use for manufactories, docks, and other business purposes, would reduce the daily per capita to 60 gallons for household and public purposes.

Very respectfully,

G. W. BIRDSALL,
Chief Engineer, Croton Aqueduct.

Report of Examinations made by Inspectors relative to Leaky Fixtures and Waste of Water from April 1 to June 30, 1880.

DISTRICT.	Whole Number of Buildings Inspected.	Number in which Plumbing was Defective or Water Wasted.	FAUCETS.		WATER CLOSETS OR URINALS.		HYDRANTS IN YARDS.		PIPES BURSTED.	BALL COCKS WANTED.
			Leak.	Waste.	Leak.	Waste.	Leak.	Waste.		
Thirteenth.....	1,242	49	65	..	..	..	1	..	..	..
Fourteenth.....	928	7	1	..	3	..	..	..	..	..
Fifteenth.....	1,375	314	802	..	..	..	..	..	1	..
Sixteenth.....	426	127	139	45	25	10	1	..	..	..
Seventeenth.....	836	148	129	..	15	..	3	..	..	..
Eighteenth.....	631	104	39	50	9	12	1	2	..	1
Nineteenth.....	377	30	34	..	4	..	..	..	..	..
Twentieth.....	360	45	52	1	2	..	..	..	..	..
Twenty-first.....	550	120	90	8	27	45	1	5	2	1
Twenty-second.....	191	38	36	..	5	..	2	..	..	..
Twenty-third.....	319	18	21	..	1	..	..	..	..	..
Twenty-fourth.....	465	143	107	..	20	16	..	..	..	..
Total.....	7,672	1,138	1,463	155	85	94	41	10	3	2

Document "E."

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, NO. 4 CITY HALL,
NEW YORK, July 20, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—The following is the report of the Bureau of Water Purveyor for the quarter ending June 30, 1880:

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

The work under this head, performed by the three foremen and their companies of men, each foreman having charge of one of the three districts into which the city is divided, has been very satisfactorily done. Many of the old stop-cocks and fire-hydrants in the lower part of the city, having become so worn as to be nearly or quite useless, have been replaced by new ones. By the prompt action of the foremen in charge of this work all breaks in the pipes and hydrants have been repaired in time to prevent serious results.

REPAIRS AND RENEWAL OF PAVEMENTS.

This work was begun in April by the organization of thirty-two gangs, which were continued during the quarter. Many of these were divided into smaller parties and put to work repairing the slighter irregularities reported by an inspector, by citizens, and by the police. Some of these small parties are continued in the same work, as I regard it as very important in the work of repairs to pavements.

The crosswalks in some of the avenues and many of the streets down town have received more than the usual attention given to them. They have been thoroughly repaired and relaid, when necessary, to the great convenience of the public. I would recommend the continuance of this work until the crosswalks throughout the entire city shall have been put in perfect order.

A judicious expenditure of the appropriations has been made in the work of paving and relaying the pavement in several small blocks in different parts of the city by special contracts; one block in White, Franklin, Sixteenth, Twenty-sixth, and Sixty-third streets has been improved in that way; several other streets are to receive similar treatment the present season.

The pavements in the city are now in very good order, and by the employment of a force sufficient to keep in repair the places that may need immediate attention during the coming two months, and then by thorough repairs to place the pavements in good order for the winter, the work under this head will have been well done.

PUBLIC DRINKING-HYDRANTS.

These hydrants have been kept in good order during the quarter, and several new ones erected in locations where most necessary. There are now 355 of these hydrants in the city, and the benefit they afford cannot be overestimated.

REPAVING, UNDER CHAPTER 476, LAWS OF 1875.

The four contracts, uncompleted last year, have been finished during the past quarter, and work on several of this year's contracts is well under way. They will, undoubtedly, all be completed during the present season within the time allowed on the different contracts.

BOULEVARDS, ROADS AND AVENUES, MAINTENANCE OF.

For a report of the transactions of this branch of the Bureau you are respectfully referred to the statement of Mr. Joseph K. Choate, Engineer in charge, hereto appended.

Number of men employed under charge of Bureau of Water Purveyor, during the months of April, May, and June, 1880, paid from different appropriations, with amounts of pay-rolls:

MONTHS, 1880.	REPAIRS AND RENEWAL OF PAVEMENTS.		CROTON WATER MAIN FUND.		REPAIRING AND RENEWAL OF PIPES, STOP-COCKS, ETC.		REPAIRING STREETS AND AVENUES, CHAP. 476, LAWS OF 1875.	
	No. Men.		No. Men.		No. Men.		No. Men.	
April.....	255	\$7,920 01	134	\$7,079 65	80	\$4,478 89	..	.....
May.....	432	21,486 46	140	7,841 44	76	4,251 20	..	.....
June.....	453	22,498 95	143	7,794 18	74	4,240 71	38	\$443 67
Total.....	1,140	\$51,905 42	417	\$22,715 27	230	\$12,970 80	38	\$443 67

Number of vault permits issued during the quarter was 47.

Amount received for same during the quarter was \$11,766.94.

Respectfully,

DANIEL O'REILLY, Water Purveyor.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER PURVEYOR,
NEW YORK, July 1, 1880.

DANIEL O'REILLY, Esq., Water Purveyor:

SIR—In accordance with your instructions, I respectfully submit the following report of the work done under the immediate care of the Engineer in Charge of Roads and Avenues for the past three months:

The appropriation for the maintenance during 1880 of all the macadamized and gravel boulevards, streets and avenues, is—

For labor, materials, etc..... \$46,000 00

For supervision (salaries)..... 4,000 00

Total..... \$50,000 00

Amount expended to April 1..... \$7,509 92

Amount expended from March 31 to July 1..... 15,867 67

23,377 59

Unexpended balance..... \$26,622 41

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

Sprinkling.....	\$3,590 10
Cleaning roads and gutters.....	3,457 11
Spreading material for road surfacing.....	910 89
Repairing roads.....	1,813 45
Cleaning basins.....	160 55
Repairing monitors and rollers.....	766 15
Building monitors.....	156 00
Maintenance of trees.....	91 93
Material.....	3,130 84
General expenses, including supervision, Foreman's time, Watchman, repairing tools, etc., and other necessary expenses.....	1,790 65
Total.....	\$15,867 67

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

Avenue St. Nicholas, One Hundred and Tenth to One Hundred and Twenty-fifth street.....	\$587 86
Avenue St. Nicholas, One Hundred and Twenty-fifth to One Hundred and Fifty-fifth street.....	949 45
Boulevard south of Manhattan street.....	1,507 17
Boulevard, north of Manhattan street.....	965 00
Sixth avenue, One Hundred and Tenth street north.....	799 86
Seventh avenue, One Hundred and Tenth street north.....	1,897 81
Fifth avenue, Fifty-ninth to Ninetieth street.....	1,468 71
Fifty avenue, One Hundred and Twenty-fourth to One Hundred and Thirtieth street.....	340 25
Other streets and avenues.....	3,087 19
Total.....	\$11,603 30

The macadamizing of Fifth avenue, from Seventy-second to Ninetieth street, was completed June 20, 1880, 21,902 square yards of pavement having been laid since the commencement of the work.

The following amounts were paid during the quarter:

To William Everard, contractor.....	\$26,210 36
To supervision (Engineers, Inspectors, etc.).....	332 95
Total.....	\$26,543 31

The completion of this portion of Fifth avenue opens a continuous drive from Fifty-ninth street to the Engineer's gate, Central Park, at Ninetieth street, which previously was almost impassable, owing to the bad and dangerous condition of the old wooden pavement.

From the large amount of travel passing over it daily it is evidently much appreciated.

Seventh avenue, from One Hundred and Tenth street to the Harlem river, and Sixth avenue, from One Hundred and Thirty-fifth to One Hundred and Forty-fifth street, have each received a coat of sand and clay similar to that used last year with so much success.

Sixth avenue, from One Hundred and Tenth to One Hundred and Thirty-fifth street, One Hundred and Twenty-fourth, One Hundred and Twenty-third, One Hundred and Sixteenth, and Seventy-second streets, west, besides a portion of the boulevard, have each received a coating of Roa-hook gravel, which has had the desired effect of keeping the stone from picking up, and giving a good, smooth driving surface.

A large amount of repairs have been done on all the streets and avenues. All of the elm and maple trees have been carefully pruned, cultivated, and watered, and six new sprinkling trucks or monitors have been built.

The present force consists of 2 foremen, 2 skilled laborers, 39 laborers, 2 carpenters, 1 blacksmith, 1 watchman, 4 carts, 25 two-horse teams.

Respectfully submitted,

JOSEPH K. CHOATE, Assistant Engineer.

Document "F."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF SEWERS, ROOM NO. 21, CITY HALL,
NEW YORK, July 12, 1880.

Honorable 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 June 30, 1880.

Respectfully,

STEVENSON TOWLE, Engineer in Charge of Sewers.

Report of the Transactions of the Bureau of Sewers for the Quarter ending June 30, 1880.

Credits to General Fund—

Amount received for 313 permits for sewer connections..... \$6,225 25

Engineers' Fees—

Amount of Engineers and Surveyors' fees assessed on property benefited, charged on Assessment Lists and credited to Street Improvement Fund..... \$3,350 61

Sewers—Repairing and Cleaning—

Unexpended balance March 31, 1880..... \$38,336 07

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls, Mechanics and Laborers.....	\$8,097 63
Thomas Barrington, cleaning basins, etc.....	2,500 00
Special repairs.....	6,190 53
Materials and sundries.....	630 55
Balance on hand June 30, 1880.....	20,917 36

38,336 07

Salaries—Sewers—Repairing and Cleaning—

Unexpended balance March 31, 1880..... \$8,782 97

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls, Inspectors, etc.....	\$3,171 42
Balance on hand June 30, 1880.....	5,611 55

8,782 97

Salaries—Sewerage System—

Unexpended balance March 31, 1880..... \$12,260 46

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls, Engineers, etc.....	\$2,775 40
Balance June 30, 1880.....	9,485 06

12,260 46

Contingencies—Department of Public Works—

Vouchers transmitted to the Commissioner of Public Works..... \$89 24

Transportation expenses of the Assistant Engineers and General Inspector of Sewers.....	\$89 24
---	---------

89 24

Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works..... \$44,517 00

Pay-rolls of Engineers, etc.....	\$4,726 66
Pay-rolls of Inspectors on Sewers.....	4,513 00
Pay-rolls of Mechanics and Laborers.....	74 82
On contracts for sewers.....	35,202 52

44,517 00

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

1,431 receiving-basins and culverts cleaned.
4,645 linear feet of sewer cleaned.
826 linear feet of sewer rebuilt.
64 linear feet of culvert rebuilt.
187 linear feet of spur pipe laid.
3 receiving-basins rebuilt.
30 receiving-basins repaired.
8 new basin heads and gutter stones put on.
4 basin heads reset.
6 new basin covers put on.
2 new manholes built.
5 manholes rebuilt.
144 manholes repaired.
52 new manhole heads and covers put on.
109 manhole heads reset.
30 new manhole covers put on.
16 linear feet of new flagging laid.
14 linear feet of new curb stone set.
55 linear feet of curb stone reset.
6 linear feet of gutter stone relaid.
15 cubic yards of solid masonry built.
2,701 cubic yards of earth excavated and refilled.
175 square feet of sidewalk relaid.
900 square yards of pavement relaid.
180 cart loads of stone removed.
2,952 cart loads of dirt removed.

Work done by contract—
5,446 linear feet of sewer built.
285 linear feet of culvert built, and
9 receiving-basins built.

Making the present total length of sewerage in the city 1,971,197 linear feet (373 33-100 miles), with 4,540 receiving-basins.

Document "G."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS,
NEW YORK, July 1, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—In compliance with your instructions, I beg to hand you herewith a report of the transactions of the Bureau of Street Improvements, for the quarter ending June 30, 1880.

Respectfully,
GEORGE A. JEREMIAH,
Superintendent Street Improvements.

APPROPRIATIONS.

Street Improvements—For Street Signs, Monumenting, and Numbering of Streets	\$3,000 00
Liabilities	52 00
Balance	\$2,948 00
Flagging Sidewalks and Fencing Vacant Lots in front of City Property	\$2,000 00
Amount of Vouchers drawn	1,243 91
Balance	\$756 09

AMOUNT OF VOUCHERS DRAWN.

On account of regulating, grading, etc.	\$31,591 54
" boulevard and avenues	9,065 41
" salaries—Department of Public Works	154 00
" contingencies—Department of Public Works	50 00
" flagging sidewalks and fencing vacant lots in front of City Property	1,243 91
" special appropriation contract of T. T. Masterson, for regulating, grading, etc., Twelfth avenue, One Hundred and Thirtieth to One Hundred and Thirty-third street	225 00
Total	\$42,329 86

Statement showing the amount of Work done during April, May, and June, 1880.

Earth excavation, cubic yards	4,500
Rock excavation, cubic yards	20,896
Filling furnished, cubic yards	35,038
Cut-stone masonry, cubic yards	58
Rubble range masonry, cubic yards	970
Brick masonry, cubic yards	260
Curb and gutter stones set, lineal feet	6,300
Curb-stones set, lineal feet	984
Flagging laid, square feet	12,072
Fence built, lineal feet	6,459 7/8

WORK DONE IN FRONT OF CITY PROPERTY.

Curb and gutter stones reset, lineal feet	400 1/2
Flagging laid, square feet	6,081 5/8
Flagging relaid, square feet	1,382 8/10

WORKS COMPLETED.

Tree Planting—	
Boulevard, from Fifty-ninth to One Hundred and Fifty-fifth street	\$29,562 04
Avenue St. Nicholas	4,980 61
Regulating, Grading, etc.—	
Eighty-first street, from Eighth to Ninth avenue	\$2,879 81
Flagging—	
South side Seventieth street, Madison to Fifth avenue	79 20
Fencing Vacant Lots—	
Southwest corner First avenue and Sixty-first street	\$110 94
Southwest corner Fifth avenue and One Hundred and Twenty-fifth street	118 73
East side Eighth avenue, from One Hundred and Tenth to One Hundred and Fifteenth street	302 36
West side Eighth avenue, from One Hundred and Seventh to One Hundred and Fifteenth street	728 76
West side Boulevard, from Seventy-second to Seventy-fourth street	61 36
South side Fifty-seventh street, from Second to Third avenue	24 29
South side Fifty-ninth street, from Fifth to Sixth avenue	93 26
Seventy-second street, from Ninth to Tenth avenue, and Tenth avenue, from Seventy-second to Seventy-fourth street	171 13
One Hundred and Tenth street, from Seventh to Ninth avenue	652 86
Seventy-sixth street, from Lexington to Fourth avenue	280 62
Total	\$40,045 97

Statement of Work in Progress in Bureau of Street Improvements on the 30th day of June, 1880.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, Grading, Curb, Gutter, and Flagging—									
Madison avenue, Ninety-ninth street to One Hundred and Fifth street	John Slattery	F. M. Leonard	John Skelly	400 days	\$47,205 13	\$44,543 50	\$13,363 05	\$31,180 45	{ Work not yet commenced.
Sixty-sixth street, Eighth avenue to Boulevard	John Mulholland	"	M. B. Silkman	300 "	14,372 76	4,827 00	1,448 10	3,378 90	
Sixty-eighth street, Third avenue to East river	John Slattery	W. V. Smith	Not yet appointed	30 "	1,572 00				
Seventieth street, Eighth avenue to Tenth avenue	John Brady	M. Lovell	J. J. Fitzgerald	300 "	18,305 00	5,500 00	1,650 00	3,850 00	
Seventy-third street, Third avenue to East river	Patrick Farley	W. V. Smith	John Lawrence	300 "	40,237 00	5,867 00	1,760 10	4,106 90	
Ninety-fifth street, Lexington avenue to Fifth avenue	James Williams	F. E. Towle	Edward Roach	100 "	7,114 50	1,650 00	485 00	1,155 00	
One Hundred and Second street, Fifth avenue to Harlem river	Joseph Walsh	W. V. Smith	M. J. Bannon	400 "	42,421 00	35,555 00	10,966 50	25,588 50	
One Hundred and Third street, First avenue to Fifth avenue	John C. Dowling	"	W. F. McManus	600 "	29,360 00	26,393 50	7,918 05	18,475 45	
Flagging—									
West side Fourth avenue, Sixty-first street to Sixty-fifth street	Edward Dwyer	J. E. Eustis		5 "	1,239 50				
Special Contracts.									
Curb, Gutter, Flagging, and Fencing Vacant Lots—									
Seventy-sixth street, Fourth avenue to Madison avenue	John Mulholland	M. A. Kellogg		20 "	604 10				
East side Fourth avenue, Sixty-second street to Sixty-fifth street	"	J. E. Eustis		20 "	601 64				
Sixtieth street, Tenth avenue to Eleventh avenue	Peter Loonan	E. E. McLean		20 "	70 00				
Boulevard and Avenues—									
Eleventh avenue, One Hundred and Fifty-fifth street to Kingsbridge road	Michael Noonan	J. K. Choate	J. L. Florence	300 "	65,523 20	41,313 45	12,394 03	28,919 42	
Retaining Walls, Arch, etc.—									
Forty-second street, First avenue to Second avenue	Edward Freel	M. Betts	Ralph Ellis	100 "	30,834 00	25,004 40	7,501 32	17,503 08	
Total					\$299,459 83	\$191,653 85	\$57,496 15	\$134,157 70	

Document "H."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS, ROOM 19, CITY HALL,
NEW YORK, July 13, 1880.

ALLAN CAMPBELL, Esq., Commissioner of Public Works:

SIR—In compliance with your instructions I have the honor to submit herewith my report of the quarter ending June 30, 1880, for the Bureau of Streets.

The following are the principal items of work done:

Repairing Eightieth street, between Fourth and Madison avenues.
Repairing One Hundred and Seventh street, between Fifth and Madison avenues.
Repairing One Hundred and Ninth street, between Fifth and Madison avenues.
Repairing One Hundred and Eleventh street, between Fifth and Madison avenues.
Repairing One Hundred and Eighteenth street, between Sixth and Seventh avenues.
Repairing One Hundred and Fifty-fifth street, between Ninth and St. Nicholas avenues.
Repairing Madison avenue, between Eighty-sixth and Ninety-second streets.
Repairing Madison avenue, between One Hundred and Seventh and One Hundred and Fifteenth streets.
Repairing Fifth avenue, between Ninetieth and One Hundred and Ninth streets.
Repairing Old Broadway, from Bonner's lane to One Hundred and Forty-fifth street.
Repairing Depot lane, from Kingsbridge road to Hudson river, with lime stone chips and gravel.
Repairing Inwood lane, from Kingsbridge road to Hudson river, with lime stone chips and gravel.
Repairing Farmers' Bridge road, from Kingsbridge road to Harlem river, with broken stone and gravel.
Repairing Kingsbridge road, from One Hundred and Sixty-second street to Kingsbridge, with broken stone, lime stone chips, and gravel; also ditching the same on both sides of the road.
Repairing culverts on Kingsbridge road to Depot lane.
Repairing culverts at Juvenile Asylum.
Building culverts on Kingsbridge road, 48 feet long.
Building culverts on Depot lane.

Replanking Dykeman's bridge.

Excavating rock at One Hundred and Eighty-first street and Kingsbridge road.

The following is a statement of the condition of the appropriation of "Roads and Avenues, Maintenance of and Sprinkling," and the expenditures of the Bureau for the quarter ending June 30, 1880:

The following is the amount appropriated for "Roads and Avenues, Maintenance of and Sprinkling" for the year 1880.

Balance April 1, 1880	\$20,287 82
Expenditures for the quarter ending June 30, 1880:	
Pay-roll for two weeks ending March 30	\$556 76
" " April 15	701 85
" " April 30	717 05
" " May 15	766 20
" " May 31	758 85
" " June 15	732 74
P. Daly, repairing tools, from March 1 to April 28	92 92
Hazard Powder Co., powder and fuse	17 55
R. A. Cunningham, building stairway, East Forty-third street	79 15
William McDonald, lime stone chips	500 00
" " " "	600 00
" " " "	800 00
" " broken stone	850 00
" " earth filling	150 00
James J. Mooney, traveling expenses	62 50
Total	\$7,385 57
Balance unexpended July 1, 1880	\$12,902 25

Respectfully,
JAMES J. MOONEY, Superintendent of Streets.

Document "I."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, July 7, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—In compliance with your directions, I herein submit a report of the transactions of the Bureau of Lamps and Gas for the three months ending June 30, 1880.

In Exhibit "A" you will find a statement showing the amounts expended for gas to the various public markets, offices, armories, etc., and for fitting up, lighting, and maintaining the public lamps. Exhibit "B" is a summary of the appropriation for "Lamps and Gas," and Exhibit "C" is a summary of the appropriation for "Salaries—Lamps and Gas." In Exhibit "D" will be found a summary of "the Lamp Account," which gives the number of new lamps lighted, old lamps relighted, and lamps discontinued by each gas company during the quarter, the net increase being one hundred and sixty-three. Exhibit "E" is a table showing the lowest, highest, and average illuminating power of the gases supplied by the several gas-light companies during the quarter.

The following table will show the amount of impurities found in the gases of the several companies by the analysis made by the Gas Examiner in the Laboratories of this Department:

OF WHAT COMPANY.	SULPHURETTED HYDROGEN.	SULPHUR. Grs. in 100 cu. ft.	AMMONIA. (Grs. in 100 cu. ft.)
New York Gas-light Co.	Occasionally found	5.53	None.
Manhattan Gas-light Co.	None.	12.80	7.01
New York Mutual Gas-light Co.	Occasionally found	5.76	1.15
Municipal Gas-light Co.	None.	5.27	None.
Metropolitan Gas-light Co.	None.	20.98	6.33
Harlem Gas-light Co.	Frequently found.	40.76	0.55

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

The following will show the average maximum and minimum pressure on the mains of the several gas companies during the quarter, as recorded on the pressure registers in the photometrical rooms:

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
	Inches.	Inches.		Miles.
New York Gas-light Co.	1.50	1.35	Grand and Centre streets.	2.100
Manhattan Gas-light Co.	1.82	1.24	" "	1.100
New York Mutual Gas-light Co.	1.89	1.43	" "	1.700
Municipal Gas-light Co.	3.35	1.33	" "	3.100
Metropolitan Gas-light Co.	2.16	0.90	{ Seventy-ninth street, between } { Second and Third avenues. }	3.100
Harlem Gas-light Co.	3.08	1.69	{ Seventy-ninth street, between } { Second and Third avenues. }	1.100

The following is the specific gravity of the gases:

New York Gas-light Company, specific gravity	.662 to .664
Manhattan Gas-light Company, "	.450 to .500
N. Y. Mutual Gas-light Company, "	.740 to .776
Municipal Gas-light Company, "	.662 to .680
Metropolitan Gas-light Company, "	.538 to .651
Harlem Gas-light Company, "	.440 to .480

All of which is respectfully submitted.

S. McCORMICK,

Superintendent of Lamps and Gas.

EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Armories, Offices, etc., and for Fitting-up, Repairing, and Lighting the Public Lamps, etc., for the Quarter ending June 30, 1880.

Washington Market	\$312 06
Catharine Country Market	17 08
Catharine Meat Market	11 34
Fulton Meat Market	91 50
Fulton Country Market	228 62
Essex Market	30 66
Centre Market	102 54
Clinton Market	58 27
Union Market	4 19
Tompkins Market	58 73
Jefferson Market	33 68
First District Police Court	158 62
Second District Police Court	19 49
Third District Police Court	31 88
Fourth District Police Court	15 84
Fifth District Police Court	9 76
Court of Special Sessions	56
Second District Civil Court	9 24
Fourth District Civil Court	1 35
Fifth District Civil Court	3 08
Sixth District Civil Court	90
Eighth District Civil Court	1 57
Ninth District Civil Court	1 74
Marine Court	5 09
Clock Tower, Third District Court-house	89 70
Court Room, Brown Stone Building	26 74
New Court-house	685 44
City Hall	277 22
Receiver of Taxes' Office	80 36
Arrears of Personal Taxes' Office	5 74
Corporation Attorney's Office	30 24
Pipe Yard, Rivington street	1 35
Department of Buildings' Office	29
County Jail	180 76
South Gate House	4 75
Engine-house, High Bridge	34 64
Engine-house, Ninety-eighth street	57 00
Photometrical Rooms, Grand street	23 33
Photometrical Rooms, Seventy-ninth street	8 88
Armory, Fifth Regiment	35 33
Armory, Seventh Regiment	94 68
Armory, Eighth Regiment	64 65
Armory, Ninth Regiment	142 72
Armory, Eleventh Regiment	27 22
Armory, Twelfth Regiment	46 80
Armory, Twenty-second Regiment	177 76
Armory, Sixty-ninth Regiment	72 98
Armory, Seventy-first Regiment	40 02
Armory, Third Regiment, Cavalry	29 68
Armory, Separate Troop "A"	17 84
Armory, Separate Troop "B"	12 48
Armory, Battery "B,"	4 48
Armory, Battery "K,"	4 13
Public Bath, Battery	4 90
Public Bath, Gouverneur slip	2 66

Public Bath, Fifth street, East river	\$2 85
Public Bath, Bethune street	3 52
Public Bath, Thirty-seventh street, East river	2 28
Public Bath, Fifty-first street, North river	1 98
Public Bath, One Hundred and Twelfth street, East river	4 50
Lighters of Public Markets (pay-rolls)	285 00
Cleaner of Photometrical Room (pay-rolls)	15 00
New lamp-posts	856 50
New street-lamps	900 00
New Boulevard lamps	1,251 75
New cross-heads	206 25
New lamp-irons	280 00
Glass	403 00
Glass, Twenty-third and Twenty-fourth Wards	70 75
Supplies for Photometrical Rooms	625 41
Iron bolts	4 80
Metal frames	36 00
Temporary lamps, One Hundred and Fifty-fifth street	6 67
Repairing public lamps	5 20
Traveling expenses	79 10
Photometrical Rooms, Grand street, rent	87 50
Photometrical Rooms, Seventy-ninth street, rent	75 00
Fitting up new lamps	786 00
Fitting up new lamps, Twenty-third and Twenty-fourth Wards	106 00
Resetting and repairing lamp-posts	995 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards	34 50
Lighting public lamps	76,167 97
Lighting public lamps, Twenty-third and Twenty-fourth Wards	33,216 56
Total	\$120,001 71

Recapitulation.

Gas to public buildings	\$3,507 75
Supplies for public lamps, etc.	5,117 18
Supplies for public lamps, Twenty-third and Twenty-fourth Wards	70 75
Fitting up new lamps	786 00
Fitting up new lamps, Twenty-third and Twenty-fourth Wards	106 00
Resetting and repairing lamp-posts	995 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards	34 50
Lighting public lamps	76,167 97
Lighting public lamps, Twenty-third and Twenty-fourth Wards	33,216 56
Total	\$120,001 71

EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas for 1880," showing the Balance against which no Vouchers have been drawn, with the Amount of Liabilities against the Appropriation, for the quarter ending June 30, 1880.

Amount appropriated for Lamps and Gas for 1880	\$496,000 00
Amount of vouchers drawn during quarter ending March 31	\$83,215 21
Amount of vouchers drawn during quarter ending June 30	120,001 71
	203,216 92
Balance against which no vouchers have been drawn	\$292,783 08

LIABILITIES.

New York Gas-light Co., lighting public lamps, month of June	\$4,618 16
Manhattan Gas-light Co., lighting public lamps, month of June	9,019 80
Metropolitan Gas-light Co., lighting public lamps, month of June	5,708 89
N. Y. Mutual Gas-light Co., lighting public lamps, month of June	1,304 25
Harlem Gas-light Co., lighting public lamps, month of June	6,850 90
Central Gas-light Co., lighting public lamps, month of June	6,589 60
Northern Gas-light Co., lighting public lamps, month of June	4,388 92
Yonkers Gas-light Co., lighting public lamps, month of June	182 50
N. Y. Sand Blast Works, lettering 200 boulevard globes	66 00
N. Y. Sand Blast Works, 2,750 glass street-signs	522 50
J. L. Mott Iron Works, 30 lamp brackets	37 50
J. L. Mott Iron Works, 50 lamp-posts, Twenty-third and Twenty-fourth Wards	487 50
J. L. Mott Iron Works, 75 lamp-irons, Twenty-third and Twenty-fourth Wards	48 75
Alex. Brandon, 100 street-lamps, Twenty-third and Twenty-fourth Wards	300 00
Alex. Brandon, 150 street-lamps	427 50
J. B. & J. M. Cornell, 75 lamp-posts	656 25
	41,209 02
Balance available June 30	\$251,574 06

EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas—Salaries for 1880," showing the Balance against which no Vouchers have been drawn, for the quarter ending June 30, 1880.

Amount appropriated for "Lamps and Gas, Salaries for 1880"	\$6,000 00
Amount of vouchers drawn during quarter ending March 31	\$1,504 00
Amount of vouchers drawn during quarter ending June 30	1,508 00
	3,012 00
Balance available June 30	\$2,988 00

EXHIBIT "D."

Summary of the "Lamp Account," showing the number of New Lamps Lighted, Old Lamps Relighted, and number Discontinued by each Gas Company, during the quarter ending June 30, 1880.

NEW YORK GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1880	3,553
Number of new lamps lighted during the quarter	11
Number of old lamps relighted during the quarter	1
Less lamps discontinued during the quarter	8
Number of lamps burning June 30, 1880	3,557
MANHATTAN GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1880	6,783
Number of new lamps lighted during the quarter	26
Number of old lamps relighted during the quarter	2
Less lamps discontinued during the quarter	4
Number of lamps burning June 30, 1880	6,807
METROPOLITAN GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1880	4,244
Number of new lamps lighted during the quarter	38
Number of old lamps relighted during the quarter	14
Less lamps discontinued during the quarter	4
Number of lamps burning June 30, 1880	4,292

EXHIBIT "A."

Showing the Amount of Expenditures for which Certified Vouchers have been drawn on account of the several Appropriations therein named, and also showing the Buildings, Courts, Departments, etc., to which the same has been charged, from April 1 to June 30, 1880, inclusive.

Names of Buildings, Courts, Departments, etc.	Supplies for and Cleaning Public Offices—1886.	Public Buildings—Construction and Repairs.	Supplies for and Cleaning Public Offices—1879.	Salaries of Janitors of Civil and Police Courts.	Supplies for and Cleaning Public Offices—For Salaries charged to.	TOTALS.
First District Police Court	\$49 30	\$49 30
Second " "	19 00	19 00
Third " "	31 16	\$8 18	39 34
Fourth " "	71 85	71 85
Fifth " "	223 02	223 02
First District Civil Court	108 00	108 00
Second " "	110 50	453 91	564 41
Third " "	122 44	122 44
Fourth " "	104 25	104 25
Fifth " "	5 00	5 00
Sixth " "	62 13	1 95	64 08
Seventh " "	4 50	4 50	4 50
Eighth " "	106 30	55 95	162 25
Ninth " "	8 75	8 75
Tenth " "	32 25	32 25
Supreme Court	55 00	55 00
Superior " "	198 43	198 43
Marine " "	28 00	28 50
Court of Common Pleas	202 09	202 09
Court of General Sessions	53 50	53 50
Court of Special Sessions	70 50	70 50
New Court-house	1,789 61	1,631 75	3,421 36
Third District Court-house	64 85	76 62	141 47
Fifth " "	19 19	19 19
Seventh " "	135 00	82 40	217 40
Ninth " "	12 50	24 48	36 98
Washington Market	130 63	130 63
West Washington Market	675 00	675 00
Centre Market	148 00	148 00
Fulton " "	118 08	118 08
Essex " "	32 86	3 80
Executive Department	53 00	53 00
Legislative " "	542 91	542 91
Department of Public Works	76 54	76 54
Finance Department	291 37	291 37
Law " "	504 36	106 06	610 42
Department of Taxes and Assessments	17 25	17 25
Department of Buildings	193 18	193 18
Bureau of Repairs and Supplies	718 69	270 07	988 76
Bureau of Repairs and Supplies—Pay-rolls	9,993 00	483 00	\$2,161 26	\$3,802 35	16,439 61
Commissioner of Jurors	4 00	4 00
Court Clerk	35 00	35 00
Surrogate	202 31	202 31
City Hall	664 21	523 53	1,187 74
Brown Stone Building	127 08	136 89	263 97
Hall of Records	2 09	2 09
City Prison	169 60	169 60
County Jail	1,255 96	1,255 96
Dispensary Building	188 52	188 52
Rivington Street Yard	26 92	26 92
27 Chambers Street	29 41	29 41
25 Norfolk Street	10 41	10 41
Dog Pound	22 00	22 00
322 West Twenty-fourth Street	96 34	96 34
Shops of Department of Public Works	10 00	10 00
Eighth Regiment	93 75	93 75
Ninth " "	225 00	210 50	435 50
Eleventh " "	35 60	35 60
Twenty-second Regiment	23 10	23 10
Sixty-ninth Regiment	6 50	6 50
Seventy-first " "	24 75	\$41 66	66 41
	\$17,743 96	\$5,772 47	\$41 66	\$2,161 26	\$3,802 35	
	Additional Free Floating Baths.	Free Floating Baths.	Free Floating Baths—For Salaries charged to.			
Free Floating Baths	\$1 85	\$4,600 93	\$3,542 75			

Statement giving the Illuminating Power of the Gas supplied by the several Gas-light Companies during the Quarter ending June 30, 1880, as shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	NEW YORK GAS CO.			MANHATTAN GAS CO.			HARLEM GAS CO.			N. Y. MUTUAL GAS CO.			MUNICIPAL GAS CO.			METROPOLITAN GAS CO.		
	ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.		
Week Ending	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
April 3.....	17.05	18.61	17.04	18.66	20.17	19.19	17.30	17.94	17.54	26.77	27.85	27.40	27.47	29.93	28.82	20.95	21.33	21.11
" 10.....	18.19	19.74	18.87	18.42	19.94	19.00	17.15	17.66	17.45	27.04	29.19	27.60	28.56	31.02	29.81	20.45	21.47	20.40
" 17.....	18.04	19.85	18.97	18.93	20.91	20.00	16.85	17.72	17.10	25.94	27.13	26.58	28.79	31.14	30.00	20.73	22.30	21.01
" 24.....	17.42	19.40	18.50	20.09	20.90	20.42	16.68	17.76	17.35	25.18	28.70	27.85	30.00	31.70	30.53	20.49	21.92	21.53
May 1.....	21.79	24.60	23.22	20.11	20.48	20.29	16.93	17.15	17.07	27.45	27.64	27.54	28.77	31.16	29.96	20.06	21.11	20.72
" 8.....	22.12	25.79	25.03	22.24	22.30	21.29	14.99	16.56	15.80	27.02	28.16	27.75	29.27	30.53	30.26	25.92	26.92	26.54
" 15.....	21.17	26.80	24.40	20.83	21.41	21.19	17.19	17.79	17.40	27.26	27.86	27.57	30.00	31.08	30.47	19.97	21.92	21.13
" 22.....	24.09	26.45	25.07	20.52	21.03	20.73	17.76	19.80	18.25	25.64	28.26	27.04	29.89	30.72	30.42	21.34	22.20	21.74
" 29.....	23.41	27.61	24.93	20.14	20.48	20.29	16.06	10.28	18.77	25.00	26.08	26.43	28.24	29.27	28.82	21.24	22.56	21.88
June 5.....	19.05	24.38	21.93	18.92	19.82	20.44	17.62	18.51	18.03	24.54	25.96	25.49	28.49	29.13	28.80	21.12	22.82	21.71
" 12.....	23.74	25.13	24.32	19.80	21.39	20.63	16.10	18.50	18.28	25.56	27.06	26.74	27.00	28.23	27.40	20.46	22.07	21.48
" 19.....	23.68	24.74	24.23	18.31	20.98	19.52	18.13	19.93	18.33	26.06	27.91	27.17	24.55	28.77	26.62	20.62	22.81	21.69
" 26.....	.....	.....	.....	.....	.....	.....	17.60	18.27	18.04	.....	.....	.....	.....	.....	.....	20.54	22.71	21.48
Distance from Gas Works.	{ 2 4-100 Miles.			{ 83-100 Miles.			{ 75-100 Miles.			{ 79-100 Miles.			{ 64-100 Miles.			{ 33-100 Miles.		

Showing the Number and Amount of Vouchers drawn on account of the Appropriations therein named, from April 1 to June 30, 1880, inclusive.

TITLE OF APPROPRIATION.	NUMBER OF VOUCHERS.	AMOUNT.
Supplies 'or and Cleaning Public Offices, 1870.....	1	\$41 66
" " " 1880.....	83	17,743 96
" " " —For Salaries charged to.....	3	3,802 35
Public Buildings—Construction and Repairs.....	54	6,772 47
Free Floating Baths.....	9	4,600 93
—For Salaries charged to.....	3	3,542 75
Additional Free Floating Baths.....	1	1 85
Salaries of Janitors of Civil and Police Courts.....	4	2,161 26
	158	\$38,667 23

EXHIBIT "C."

Showing the condition of Appropriations therein named, upon which Vouchers have been drawn, from April 1 to June 30, 1880, inclusive.

Supplies for and Cleaning Public Offices, 1879—

Balance March 31.....	\$98 70
Vouchers drawn	41 66
	<hr/>
Liabilities, estimated.....	\$57 04
	None.
	<hr/>
Available balance	\$57 04

Supplies for and Cleaning Public Offices, 1880—

Balance March 31.....	\$48,824 85
Vouchers drawn.....	17,743 96
	<hr/>
Liabilities, estimated.....	\$31,080 89
	2,393 35
	<hr/>
Available balance.....	\$28,687 54

Supplies for and Cleaning Public Offices—For salaries charged to—

Balance March 31.....	\$11,483 06
Vouchers drawn	3,802 35
Available balance.....	\$7,680 71

Public Buildings—Construction and Repairs—

Balance March 31.....	\$28,496 92
Vouchers drawn	6,772 47
Liabilities, estimated	\$21,724 45
Available balance.....	\$4,384 86

Free Floating Baths—

Balance March 31.....	\$9,831 50
Vouchers drawn.....	4,600 93
Liabilities, estimated.....	\$5,230 57
Available balance.....	\$1,202 50

Free Floating Baths—For Salaries charged to—

Balance March 31.....	\$16,467 50
Vouchers drawn	3,542 75
Available balance.....	\$12,924 75

Additional Free Floating Baths—

Balance March 31.....	\$15 23
Voucher drawn.....	1 85
Liabilities.....	\$13 38
Available balance.....	None.

Document "K."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF INCUMBRANCES, ROOM 13, CITY HALL,
NEW YORK, July 10, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—I submit herewith a report of the operations of this Bureau for the quarter ending June 30, 1880, (months of April, May, and June):

Number of complaints received against obstructions and incumbrances on streets and sidewalks, in each of which a notice was served on the offending party for its removal or discontinuance.....	903
Number of removals to the Corporation Yard, or other suitable place, of merchandise, trucks, wagons, stands, stones, dirt, etc.....	291

Expense of such removals, including 985 loads of stones and dirt from various parts of the city.....	\$1,062 25
Total expense for the quarter.....	1,618 24

Received for seized articles, by redemption.....	\$37 25
Received for articles sold at auction at Corporation Yard on May 7, 1880.....	95 53

Total amount received, and paid to City Chamberlain for the quarter.....	\$132 78
--	----------

Number of builders permits issued.....	2,442
Number of special permits issued.....	187
Number of permits to cut down trees.....	20
Number of notices issued to repair sidewalks.....	630
Number of notices issued to repair vault covers.....	3

Respectfully,

JOSEPH BLUMENTHAL,
Superintendent of Incumbrances.

Document "L."

BUREAU OF WATER REGISTER,
ROOM NO. 10, CITY HALL,
NEW YORK, June 30, 1880.

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 June 30, 1880:

	Principal.	Penalties.	Taps.
April.....	\$51,212 74	\$573 50	\$1,284 50
May.....	245,971 78	347 15	1,156 50
June.....	178,113 06	296 10	1,056 50
Total.....	\$475,297 58	\$1,216 75	\$3,497 50

Total..... \$480,011 83

Deposited to the credit of Special Meter Stock, as per Chamberlain's receipts:

April.....	\$1,437 67
May.....	222 78
Total.....	\$1,660 45

Respectfully submitted,

J. H. CHAMBERS, Water Register.

DEPARTMENT OF DOCKS.

At a meeting of the Board of Docks, held August 18, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 11th and 12th instants were read and approved.

A communication was received from the Comptroller, stating that he had decided to remit the penalty imposed upon Stephen L. Merchant, agent, contractor for furnishing 5,000 barrels "Portland" cement, and, being read,

On motion, the following preamble and resolution was adopted:

Whereas, By virtue of the power vested in the Finance Department, by section 31 of chapter 335, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department upon Stephen L. Merchant, agent, for non-delivery of cement within the time agreed upon under his contract for furnishing said material, dated June 14, 1880, and deducted in the sum of \$800 from audited claim No. 6,457 on August 11, 1880; therefore

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$800, being the amount now due said Stephen L. Merchant, agent, under said audited claim, consequent upon the said penalty being remitted and that the bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit estimate No. 1, under said contract, as settled and paid in full in the sum of \$2,787.84.

The following communications were received, read, and,

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

From N. Y. Central & Hudson R. R. Co.—In reference to piles being driven by them between Fifty-ninth and Sixtieth streets, North river, said company requested to present to this Department an application with plans for the improvement intended to be made at the above named premises.

From John J. Burchell—In reference to assignment of lease of pier at Fifty-third street, East river.

From Engineer-in-Chief—In reference to the condition of bulkhead at the north side of Sixty-first street, East river. Engineer-in-Chief directed to have a diagram of the premises prepared.

From Health Department—As to necessity of dredging slip at Pier old 41, North river. Engineer-in-Chief directed to examine and report as to the necessity of dredging at said premises, and the amount of material to be removed.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit:

From Henry H. Goring, Lieut. U. S. N.—For permission to construct landing stage on the southerly side of pier at Ninety-sixth street, North river. Permission granted, provided that he file in this Department the consent of the lessee of said pier for the proposed work, and agrees to remove said structure whenever ordered so to do by this Department, free of expense to the city.

From the Comptroller—Advising approval of sureties for contract with Ross & Sanford, for building pier at Thirty-first street, East river.

Ross & Sanford—Accepting award of contract for building pier at Thirty-first street, East river, under proposals opened the 11th instant.

From Department of Public Charities and Correction—In reference to securing improved facilities for shipping fire apparatus to the Island, from piers on the East river, set apart for that purpose. Secretary directed to advise in reply that the Engineer-in-Chief of this Department is now engaged in preparing plans with the Fire Commissioners for the purpose stated.

From Police Department—Stating that the work of erecting dumping board on Pier old 42, North river, foot of Hoboken street, had been commenced.

From John J. Burchell and others—Remonstrating against the erection of a platform for landing ice on pier at Fifty-fourth street, East river. Secretary directed to advise in reply, that on March 26, 1879 permission was granted to the Mutual Benefit Ice Co., lessees, to erect a platform for the landing of ice on pier at Fifty-fourth street, East river, and that it has been the custom of this Department to grant such permits, where the Harbor Master of the District gave his approval thereto. Under the circumstances, the Board does not consider itself bound, for the reasons stated in their communications to prevent the erection of the platform in question.

From C. W. Vandervoort—In reference to the ownership of water front at the foot of Lincoln avenue, east of Third avenue bridge, Harlem river.

From J. E. Miller & Co.—In reference to obtaining a lease of the bulkhead recently constructed by this Department, between Sixtieth and Sixty-first streets, East river. Secretary directed to advise in reply that this Department is not prepared to lease the same at present, but as soon as a lease of said bulkhead shall be offered at public sale, they will be duly notified.

From Engineer-in-Chief, the following reports—

1. In reference to Beton Blocks manufactured by the New York Stone Contracting Company.

2. In reference to work done in covering the surface of Pier new 1, North river, with an asphalt pavement.

3. In reference to claim of Scully & O'Neill, for demurrage on scows, etc.

4. In reference to condition of bulkhead at Forty-fifth street, East river, Schwartzschild & Sulzberger, lessees, directed to make the necessary repairs to the premises, under the supervision of the Engineer-in-Chief, in accordance with the terms and conditions of the lease held by them.

5. As to repairs needed to pier at Twenty-sixth street, East river. Application of Department of Public Charities and Correction, occupants, to have repairs made to said pier, taken from the table and placed on file, and the Engineer-in-Chief directed to make the necessary repairs, in accordance with his report, at a cost of about \$600.

6. In reference to the repairs needed to the docks at Ward's Island. Application of Department of Public Charities and Correction to have repairs made thereto taken from the table and placed on file, and the Engineer-in-Chief directed to make the necessary repairs to the premises, at a cost of about \$150.

7. As to claim for demurrage on scows under contract with John A. Bouker, amounting in all to \$290.75. Claimant requested to call upon the Secretary in reference to the same.

8. As to material excavated and removed by Chandler H. Loomis, contractor, and the Union Dredging Company in department dredges and scows during the month of July, 1880. Secretary directed to forward bills to the above-mentioned parties respectively for the amounts due for use of such dredges and scows, with the request that they pay said amounts to the Treasurer of this Department.

9. As to notice sent to Ross & Sanford, contractors, to commence building Pier new 21, North river.

10. As to work performed during week ending August 14, 1880.

Captain Briggs, on behalf of the Trustees of the Floating Chapel moored at the inner end of the southerly side of Pier 40, East river, appeared and stated that Phelps Bros., lessees of the pier, are willing that he should postpone the dredging ordered to be done by him at the berth occupied by said Chapel, until such time as they are prepared to dredge the balance of the slip on the southerly side of the pier, and, being heard at length,

On motion, the Secretary was directed to request Phelps Bros., the said lessees, to advise this Board, in writing, if this statement is in accordance with their understanding of the matter.

The Department of Public Works having made a request, orally, to have the wagons, trucks, etc., now encumbering the space lately filled in between Leroy and Clarkson streets, North river, removed, in order to facilitate the work of building sewer thereat.

On motion, the Engineer-in-Chief was directed to cause the removal of said wagons, trucks, etc., to the Corporation yard, first endeavoring to ascertain the owners thereof.

A communication was received from the Engineer-in-Chief relative to the penalty deducted from estimate No. 2, under contract with Robert L. Darragh, for furnishing granite stones, and stating that the delay in the progress of the work of the Department had not been occasioned by the non-delivery of the granite stones at the times stipulated therefor, and, being read,

On motion, it was

Resolved, That this Board hereby certify to the Comptroller that the failure of Robert L. Darragh to deliver the material specified in estimate No. 2 within the times stipulated therefor, under his contract for furnishing granite stones for bulkhead or river wall, dated March 26, 1880, has not caused the Corporation to sustain any loss or damage whatsoever, the work of the Department having been delayed from other causes, and the premises not being in readiness for the setting of the stones.

On motion, Edward Brady and William Van Dusen were appointed dockbuilders, and James Connell, Patrick Mara, Matthew McGuire, and James Keenan as laborers.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, August 25, 1880.

Present—President Vincent C. King, Commissioners John J. Gorman and Cornelius Van Cott. The minutes of meetings held 18th, 19th, 20th, 21st, 23d and 24th instant were read and approved.

Trials.

Fireman William J. Cavanagh, of Engine Co. No. 10, charged with "absence without leave" and "conduct prejudicial to good order." Found guilty and fined three days' pay.

Fireman Frank Leonard, of Engine Co. No. 15, charged with "disrespect to commanding officer." Found guilty and fined ten days' pay.
Fireman Cornelius J. Kingsley, of Engine Co. No. 20, charged with intoxication. Found guilty and fined ten days' pay.

Communications.

From—
Chief of Department, recommending that fire hydrants be placed at locations designated, which had been communicated to the Department of Public Works by the President. Action approved; filed.

Chairman Committee on Apparatus, returning communication from Easy-Starting Whiffletree Co. relative to furnishing whiffletrees for trial, with recommendation. Filed.

Chief of Department, returning report relative to rescue of Lucy Flouest by Privates John Hanlon, of Engine Co. No. 23, and George W. Greer, of Hook and Ladder Co. No. 2, at fire No. 1618 Broadway on 16th instant, with information as directed. Filed, with directions to enter on Roll of Merit.

Same, returning application of Department of Public Charities and Correction, for additional apparatus on islands under their charge, with report. Referred to Committee on Apparatus.

Same, returning complaint of C. W. Fuller, relative to hose-tender in street, with report that directions have been given to have same housed. Filed.

Inspector of Combustibles, report of licenses and permits issued to 24th instant. Filed.

Same, reporting violations of law. Filed, and following resolution adopted:

Resolved, That James Sullivan, 356 East Fourteenth street; James Davidson, 1473 Third avenue; John N. Ehler, 645 First avenue; Francis Schaidler, 19 Stuyvesant street; and Moses Jackson, 504 West Twenty-seventh street, be and are hereby fined \$5 each for violation of section 9, chapter 742, Laws of 1871, and that in each of the above-named cases the Inspector of Combustibles be and is directed to enforce the collection of the penalty.

Inspector of Buildings, requesting that the papers in the following cases, which had been referred to the Attorney of late Department of Buildings, be returned, the cases having been discontinued or provisions of law complied with, viz.: Violation cases Nos. 19 and 350 of 1879, and 158, 177 and 243 of 1880; Unsafe cases No. 723 of 1879 and 85 and 175 of 1880. Compliance directed.

Same, transmitting cases of violation of law for prosecution. Filed, and following resolution adopted:

Resolved, That the Attorney to the Fire Department be and is hereby directed to institute legal proceedings for the removal of violations and recovery of penalties, as recommended by the Inspector of Buildings, in Violation cases Nos. 273, 274, and 316 of 1880.

Attorney to the Fire Department—Statement and condition of pending matters of litigation received from Attorney to late Department of Buildings. Filed, with directions to provide book of record of cases.

Superintendent of Telegraph—Daily reports of work and duty performed by employees. Filed.

Medical Officer, recommending leaves of absence to—

Fireman John Shaller, of Engine Co. No. 39, for twenty days.

Private Richard Attridge, of Engine Co. No. 39, for three days.

Granted, on half pay.

Superintendent of Horses—Weekly report of inspection. Filed.

Same, reporting death of horse in use with Hook and Ladder Co. No. 13. Referred to Chief of Department for report.

Captain in charge of Repair Shops, reporting that new tender built at shops has been sent to Engine Co. No. 16. Filed.

Chief of Department, transmitting reports of inspection by company commanders of buildings and fire escapes, in all 37 reports. Referred to Inspector of Buildings.

Foremen of Engine Companies Nos. 7 and 21—Reports of inspection of buildings No. 21 Ann street and 343 to 347 East Thirty-fourth street. Referred to Inspector of Buildings.

Chief Tenth Battalion—Report relative to public property of late Department of Buildings, in office One Hundred and Seventy-sixth street and Fourth avenue, and of lease of said office. Referred to Attorney to Fire Department to ascertain conditions of lease.

Foreman of Engine Co. No. 10, reporting loss and subsequent recovery of patrol badge by Fireman William J. Cavanagh. Filed.

Assistant Foreman of Hook and Ladder Co. No. 6—Relative to condition of quarters. Referred to Committee on Repairs and Supplies.

Fireman Wright Case, Jr., of Hook and Ladder Co. No. 14, applying for full pay while on sick leave. Filed.

Private John Molloy, of Hook and Ladder Co. No. 13, applying for promotion to rank of Assistant Engineer of Steamer. Referred to Examining Board of Engineers.

Comptroller—Statement of condition of appropriation to 21st instant. Filed.

Counsel to the Corporation—Opinion relative to the duties, etc., which the Attorney to the Fire Department may be called upon to perform. Filed.

Same, stating that furniture, etc., of late Department of Buildings not required for use may be transferred to Bureau of Repairs and Supplies, in Department of Public Works, for reuse. Filed.

C. A. Du Moulin, applying for appointment in Bureau of Inspection of Buildings. Filed.

J. & C. Fisher, commencing Engine Co. No. 19 for efficient service rendered. Filed.

F. B. Greene, requesting examination of premises No. 276 Bowery. Referred to Inspector of Combustibles for inspection.

James L. Jackson, Jr., applying for appointment in Bureau of Inspection of Buildings. Filed.

William A. Liliendahl, directing attention to fire escape. Filed.

A. G. Montgomery, Jr.—Relative to blank forms for appointment in uniformed force. Filed, with directions to reply.

Comptroller, stating that judgment in favor of Thomas W. Relyea will be paid from appropriation for salaries, Fire Department Fund for current year, taken from file. Laid over, with directions to inquire if payments can be made from Department appropriation without the consent and audit of the Board, etc.

Superintendent of Repairs to Buildings—Report of inspection of lot in East Seventy-fifth street, and stating that it is not the lot referred to in notice from Board of Health. Filed, with directions to notify Board of Health.

Supply Clerk—Requisitions for articles required, estimated cost, \$96.10, \$211.25, \$22.50, \$94, \$262, \$248.80, \$169.52, and \$32.78, respectively. Purchase ordered.

Same—Requisitions for repairs to ladders and wagon, estimated cost, \$18 and \$3.50, respectively. Ordered.

Captain in charge Repair Shops, recommending that work be done outside of shops, estimated cost, \$78. Ordered.

Superintendent of Repairs to Buildings—Requisitions for cleaning vault at quarters of Chemical Engine Co. No. 1, and for plumbing work at quarters of Hook and Ladder Cos. Nos. 1, 7, 9 and 10, estimated cost, \$10, \$4, \$24, \$24.75 and \$8, respectively. Ordered.

Same—Requisition for mason work at quarters of Hook and Ladder Co. No. 17, with estimates. Referred to Committee on Repairs and Supplies.

Property Record Clerk—Requisition for buttons, estimated cost, \$22.50. Purchase ordered.

Resolution.

Resolved, That the opinion of the Counsel to the Corporation be requested as to the propriety of giving horses, engines, implements, etc., no longer fit for service and use in this Department, in part payment for new ones; the purpose of pursuing that course being to prevent the sale of condemned horses, engines, implements, etc., at a sacrifice under the method heretofore pursued, and to obtain a better equivalent therefor. Adopted.

Bills

—audited and transmitted to the Comptroller for payment:

For the Current Year—Schedule No. 39.

Barron, James S. & Co., apparatus, supplies, etc.	\$58 50	Norris & Williams, apparatus, supplies, etc.	\$74 00
Brewster & Co., apparatus, supplies, etc.	38 05	Peyser, John, apparatus, supplies, etc.	9 80
Brown, G. F. & C. E. & Co., apparatus, supplies, etc.	29 25	Phelps, Dodge & Co., apparatus, supplies, etc.	40 50
Carlock, Abm. D., apparatus, supplies, etc.	150 00	Stewart, A. T. & Co., apparatus, supplies, etc.	81 64
Chard, R. J., apparatus, supplies, etc.	7 00	Tillotson, L. G. & Co., apparatus, supplies, etc.	91 82
Daniels & Co., " " " "	9 14	Winans, C. T., apparatus, supplies, etc.	14 55
Dunham, Thos. C., " " " "	213 88		
Graham, J. H., " " " "	4 00		
Hart, Geo. W., " " " "	45 27		
			\$867 40

On motion, adjourned.

CARL JUSSEN, Secretary.

AUGUST 27, 1880.

Present—President Vincent C. King, Commissioners John J. Gorman and Cornelius Van Cott.

Resolutions.

By Commissioner Gorman—

Resolved, That the Board of Fire Commissioners tender to August Belmont, Esq., their sincere thanks for his kindness in permitting Engine Company No. 14 to occupy his private stable on Eighth street, near Fifth avenue, as company quarters during the alterations and repairs to the engine-house, and that the Secretary transmit a copy of this resolution to Mr. Belmont. Adopted.

By Commissioner Van Cott—

Resolved, That an extra key to the inner doors of alarm boxes be placed in each company quarters, and that the commanding officers shall be held responsible for the care and use of such keys. Adopted.

On motion, the salary of David Gillies, Laborer in Repair Shops, was fixed at \$1.75 per day from 1st instant.

Communications.

From—

Medical Officer, reporting Private William A. Lines, of Hook and Ladder Co. No. 9, incapacitated for duty. Referred to Chief of Department, with directions to have charges preferred.

Assistant Foreman of Engine Co. No. 10—Report relative to dynamite at Government Pier No. 1, East river. Referred to Inspector of Combustibles.

Comptroller—Circular No. 7, requesting that Departmental Estimate for the year 1881 be furnished prior to September 20. Laid over for consideration.

Counsel to the Corporation—Opinion that the appropriation for the construction of new engine-houses for the current year may be used for the construction of any house. Filed.

Department of Public Works—Relative to repaving of West Sixty-eighth street. Filed.

Supreme Court—Writ of mandamus in the matter of The People, ex rel. John J. Sheehan vs. Board of Fire Commissioners. Referred to Counsel to the Corporation.

On motion, adjourned.

CARL JUSSEN, Secretary.

AUGUST 28, 1880.

Present—President Vincent C. King, Commissioners John J. Gorman and Cornelius Van Cott.

Resolution.

Resolved, That an advertisement be inserted in the CITY RECORD inviting proposals for the erection of an engine-house on the lot in East Seventy-fifth street, two hundred and thirty feet east of Third avenue, for quarters for Engine Co. No. 44. Adopted.

The draft of General Orders No. 8, current series, office Board of Commissioners, was read and approved and promulgation ordered.

Communications.

From—

Chief of Department, transmitting reports of inspection by Company Commanders of buildings and fire escapes, in all fifty-seven reports. Referred to Inspector of Buildings.

Inspector of Buildings, transmitting cases of violation of law for prosecution. Filed, and following resolution adopted:

Resolved, That the Attorney to the Fire Department be and is hereby directed to institute legal proceedings for the removal of violations and recovery of penalties, as recommended by the Inspector of Buildings, in violation cases Nos. 185, 239, 268, 299, 300, 306, 320, 334, 336, 342, 343, and 355, of 1880.

Same, transmitting communication from D. H. Olmstead in the matter of violation case No. 174, and requesting information relative thereto. Referred to the Attorney to the Fire Department for compliance.

Same, requesting instructions as to proper method of procedure in cases of failure to comply with notices served in complaints of unsafe buildings. Referred to Attorney to Fire Department for compliance.

Same, requesting that the papers in violation case No. 115 be returned, the provisions of law having been complied with. Compliance directed.

Same, requesting instructions relative to service of notice on non-residents. Referred to Attorney to Fire Department for advice.

Medical Officer, recommending leave of absence to—

Private William A. Lines, of Hook and Ladder Co. No. 9, for five days.

Granted, on half pay.

On motion, adjourned.

CARL JUSSEN, Secretary.

AUGUST 30, 1880.

Present—President Vincent C. King, Commissioners John J. Gorman and Cornelius Van Cott.

Discharges

—to take effect 31st instant:

John B. Ryer and William H. Dwyer, Harnessmakers, and James Aird, Collarmaker, in Repair Shops.

Appointment.

John M. Haas, as Harnessmaker in Repair Shops, at a salary of \$2.75 per day, 1st proximo.

On motion, adjourned.

CARL JUSSEN, Secretary.

AUGUST 31, 1880.

Present—President Vincent C. King and Commissioner John J. Gorman.

Appointment.

James Sullivan, as Blacksmith's helper in Repair Shops, at a salary of \$1.75 per day, 1st proximo.

Communications.

From—

Inspector of Buildings, forwarding tenders of resignation of Examiners Charles H. Jacobus, Thomas G. Treloar, and John G. McMurray. Filed, and resignations accepted from this date.

Supply Clerk—Requisition for articles required, estimated cost, \$77.75. Purchase ordered.

Captain in charge Repair Shops, recommending that work be done outside of shops, estimated cost \$40. Ordered.

On motion, adjourned.

CARL JUSSEN, Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DAILY MEETINGS, AUGUST 16 TO 21, 1880.

Communications Received.

From Penitentiary—List of prisoners received during week ending August 14, 1880: Males, 51; females, 12. On file.

List of 50 prisoners to be discharged from August 22 to 28, 1880. Transmitted to Prison Association.

From Lunatic Asylum, Blackwell's Island—History of 7 patients received during week ending August 14, 1880. On file.

From N. Y. City Asylum for Insane, Ward's Island—History of 9 patients received during week ending August 14, 1880. On file.

From City Prison—Amount of fines received during week ending August 14, 1880, \$241. On file.

Proposals.

Resolved, That the proposals of Charles H. Webb, to furnish 2,000 yards awning stripes, at 14 90-100 cents per yard.

J. W. Atwater, 24,000 eggs, at 14 45-100 cents per dozen;

A. S. Pratt, 5,000 pounds butter, at 17 20-100 cents per pound;

A. M. Coffin, 200 bushels beans, at \$1.35 per bushel, 30 barrels oat meal, at \$4.75 per barrel, 20 barrels oat meal, at \$4.97 per barrel;

Charles T. Goodwin, 100 barrels crackers, at 3 cents per pound, less 20 cents per empty barrel returned;

—be accepted, and the awards made to them. Adopted.

Resolved, That the proposals of Robert Beatty to furnish 2,000 yards brown muslin, at 7 49-100 cents per yard, 5,000 yards blue denims, at 11 24-100 cents per yard, 2,000 yards calico, at 5 49-100 cents per yard, 250 pounds fine thread, at \$1.19 per pound;

S. T. Willets, 50,000 pounds hard soap, at 4 87-100 cents per pound;

C. P. Woodworth & Co., 250 tons ice, at \$8.75 per ton;

—be referred to the Comptroller for his action on the sureties. Adopted.

Appointments.

August 16. Kate Keating, Attendant, N. Y. City Asylum for Insane.

17. Mary Berghold, Laundress, N. Y. City Asylum for Insane.

18. Mattie M. Broadwell, Nurse, Lunatic Asylum.

19. John O'Hara, Receiving Clerk, Twenty-sixth street Dock.

19. May A. C. Sinclair, Nurse, Randall's Island Hospital.

19. William McNamara, Guard, Branch Work-house.

Resignations.

August 16. Thomas Mulroy, Receiving Clerk, Twenty-sixth street Dock.

16. Robert Skinner, Ticket Agent, Twenty-sixth street Dock.

G. F. BRITTON, Asst. Secy.

BUREAU OF VITAL STATISTICS.

REPORTED MORTALITY* for the week ending August 21, 1980, together with the ACTUAL MORTALITY for the week ending August 14, 1980.

W. DE F. DAY, M. D., *Sanitary Superintendent and Register:*

SIR—There were 601 deaths reported to have occurred in this city during the week ending Saturday, August 21, 1880, which is a decrease of 26, as compared with the number reported the preceding week, and 118 more than were reported during the corresponding week of the year 1879. The actual mortality for the week ending August 14, 1880, was 642, which is 42.4 above the average for the corresponding week of the past five years, and represents an annual death-rate of 27.50 per 1,000 persons living, the population estimated at 1,213,981.

Table showing the Reported Mortality for the week ending Aug. 21, 1880, and the Actual Number of Deaths each day, from the Principal Causes, with the Ages of Decedents, for the week ending Aug. 14, 1880

[illegible]

* Refers to the number of death certificates received
† August 6, at City Prison, executed, Pietro Balbo, aged 23 years and 7 months.

DEATHS FROM ZYMOTIC DISEASES.																				
NEW YORK.—DEATHS FROM SMALL-POX, MEASLES, SCARLATINA, DIPHTEHRIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, TYPHUS FEVER, MALARIAL FEVERS, PUERPERAL FEVER, DIARRHEAL MALADIES, CEREBRO-SPINAL FEVER, AND OTHER ZYMOTIC DISEASES.																				
Actual Mortality during the Week ending August 14, 1880.																				
W ARDS.	AREA IN ACRES.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhus Fever.	Typhoid Fever.	Malarial Fevers.	Puerperal Fever.	All Diarrheal Diseases.	Cerebro-Spinal Fever.	Other Zymotic Diseases.	Total Deaths from Zymotic Diseases.	Total Deaths from all Causes.	Total Deaths, exclusive of those in Public Institutions.	Total Population (in Wards), Census of 1875.	REMARKS.	Total in Institutions.
First.....	154	..	..	..	..	..	..	..	1	..	..	1	..	1	3	10	8	14,200	Castle Garden and Emigrant Depot, ; U. S. Marine Hospital, 2; Trinity Mission,	2
Second.....	81	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,013	Twenty-seventh Precinct Station, ; House of Relief, 160 Chambers street, 2; Newsboys' Lodgings,	2
Third.....	95	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2,878	Fourth Precinct Station, ; Mission Home, ; St. James' Home, .....	..
Fourth.....	83	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20,643	Fifth Precinct Station, ; Trinity Infirmary, 50 Varick street, .....	..
Fifth.....	168	..	..	..	..	..	..	..	..	..	..	4	..	..	4	8	8	15,066	City Prison, ; Home of Industry, ; Centre Street Dispensary, ; Park Street Mission Home, .....	..
Sixth.....	86	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19,880	Seventh Precinct Station, ; Sailors' Home, ; Nursery and Child's Protectory, East Broadway, .....	..
Seventh.....	193	..	..	3	2	..	..	..	..	..	..	..	..	..	13	29	29	45,696	Eighth Precinct Station, .....	..
Eighth.....	163	..	..	3	2	..	..	..	..	..	..	..	..	..	14	29	29	32,488	St. Vincent's Hospital, 8; Home for Old Men and Aged Couples ; Northern Dispensary	8
Ninth.....	322	..	..	1	1	..	1	..	2	..	..	..	..	1	10	22	14	49,447	Essex Street Prison, ; Tenth Precinct Station, ; Ludlow Street Jail, .....	..
Tenth.....	110	..	..	1	1	..	..	..	1	..	..	..	..	..	12	29	29	41,777	St. Francis' Hospital, 1; Eleventh Precinct Station,	1
Eleventh.....	196	..	..	2	..	1	..	1	2	..	..	..	..	..	14	33	33	63,874	Reception Hospital, 99th street, ; Infants' Hospital, 6; Sheltering Arms, ; N. Y. City Asylum for the Insane, 2; Colored Orphan Asylum, ; Ward's Island, 1; Randall's Island, 2; Bloomingdale Lunatic Asylum, ; St. Joseph's Asylum, ; House of Refuge, ; Infirmary of Mercy, ; Idiot Asylum, Randall's Island, ; Union Home and School, ; House of Good Shepherd, 1; Deaf and Dumb Asylum, ; Deborah Nursery, ; Homoeopathic Hospital, 3; Home for Aged and Infirm Hebrews, ; Leake and Watts Orphan Home, ; Unsectarian Home, ; N. Y. Juvenile Asylum, ; St. Luke's Home, 1;	16
Twelfth.....	5,504.13	..	..	2	1	..	..	..	..	..	..	15	..	5	23	45	29	59,629	Thirteenth Precinct Station, .....	..
Thirteenth.....	107	..	..	1	..	1	..	..	..	..	..	10	..	12	26	26	34,028	R. C. Orphan Asylum, ; Lying-in Asylum, ; Fourteenth Precinct Station, ; House of Mercy, .....	..
Fourteenth.....	96	..	..	..	2	..	..	..	..	..	..	5	..	1	8	18	18	26,471	Fifteenth Precinct Station, ; Midnight Mission, ; Prot. Half Orphan Asylum, ; St. Clement's Mission .....	..
Fifteenth.....	198	..	..	..	..	..	..	..	1	..	..	3	..	1	5	10	10	25,543	Samaritan Home for the Aged, ; St. Joseph's Home for the Aged, ; Child's Nursery, .....	..
Sixteenth.....	348.77	..	..	..	..	..	..	..	..	..	..	5	..	5	15	15	15	48,253	Office of Commissioners Charities and Correction, ; Eye and Ear Infirmary, ; 17th Precinct Station, 1;	1
Seventeenth.....	331	..	..	2	..	1	..	1	1	..	..	9	1	..	15	50	49	101,094	Home for Respectable Aged and Indigent Females, ; New York Hospital, 4; New York Infirmary for Women and Children, ; N. Y. Ophthalmic Hospital, ; Reception Hospital,	4
Eighteenth.....	449.89	..	1	1	4	..	1	..	..	..	..	3	..	1	11	36	32	61,207	Presbyterian Home, 2; Presbyterian Hospital, ; German Hospital, 1; Mt. Sinai Hospital, 7; Foundling Hospital, 3; Women's Hospital, ; City Lunatic Asylum, 1; Almshouse, 6; Penitentiary, ; Small-pox Hospital, ; Charity Hospital, 11; Epileptic and Paralytic Hospital, ; Colored Home Hospital, 6; Nursery and Child's Hospital, 1; St. Luke's Hospital, 3; Workhouse, 1; Fever Hospital, ; Roman Catholic Orphan Asylum, ; Hospital for Ruptured and Crippled, ; Home for the Aged (Little Sisters of the Poor), ; Chapin Home for the Aged, ; Hahnemann's Hospital ; Orphans' Home and Asylum (Protestant Episcopal), 49th street and Lexington avenue, ; Hebrew Shelter, ; Maternity Hospital, ; Infirmary, Sisters of Mercy, ; St. Joseph's Infirmary, ; Baptist Home, .....	..
Nineteenth.....	1,480.60	..	..	1	2	..	..	..	1	3	..	17	1	2	27	94	32	117,835	St. Elizabeth's Hospital, ; St. Mary's Hospital, ; Institution for the Blind, ; Twentieth Precinct Station, .....	..
Twentieth.....	444	..	..	1	..	1	1	..	..	..	..	9	2	1	15	40	40	79,671	Bellevue Hospital, 25; in Ambulances, ; Morgue, ; Women's Hospital and College, ; St. Stephen's Home, ; Twenty-first Precinct Station, ; Home of the Friendless, ; Emergency Hospital, 2;	27
Twenty-first.....	411	..	..	..	..	1	..	..	..	1	..	8	..	4	14	58	31	58,883	Roosevelt Hospital, 4; Old Ladies' Home, ; New York Infant Asylum, ; Hahnemann's Hospital, ; .....	..
Twenty-second.....	1,529.42	..	..	1	..	3	..	..	..	..	..	11	..	1	16	58	54	83,549	New York Orphan Asylum, ; Twenty-second Precinct Station, ; M. E. Home,	4
Twenty-third.....	4,267.023	..	..	..	..	..	..	..	1	..	..	1	..	..	2	10	10	24,331	Thirty-third Precinct Station, .....	..
Twenty-fourth.....	8,050.323	..	..	..	..	..	..	..	1	..	2	..	..	3	5	5	5	11,875	House of Rest for Consumptives, ; Home for Incurables, ; Thirty-fourth Precinct Station, ; Thirty-fifth Precinct Station, .....	..
Total.....	24,893.156	..	1	5	21	12	7	..	5	12	..	144	4	19	230	642	535	1,046,037	Total mortality in Public Institutions.....	107

Very respectfully submitted,

JOHN T. NAGLE, M. D., Deputy Register of Recor.'s.

DEPARTMENT OF PUBLIC PARKS.

WEDNESDAY, September 1, 1880.

Regular meeting 9:30 A. M.
Present—Commissioners Wenman (President), Conover, Lane, and Green.
On motion of Commissioner Green, Commissioner Conover was called to the chair.
The minutes of the previous meeting were read and approved.
The following communications were received :
From the Comptroller, requesting to be furnished prior to the 20th day of September next with a departmental estimate for the year 1881, in compliance with a resolution adopted by the Board of Estimate and Apportionment.
On motion of Commissioner Lane, it was referred to the President to prepare the said estimate and present the same to the Board for approval.
The President appeared and took the chair.
From the Topographical Engineer, submitting for filing three similar maps changing and establishing the grades of Spencer place and a portion of Mott avenue.
Laid over.
From C. W. Henry, offering for sale twelve deer.
Referred to the Director of the Menagerie.
From Dwight H. Olmstead, relative to the stable complained of on One Hundred and Thirteenth street, near Morningside Park.
Ordered filed.
From Orson P. Raynor, I. H. Watson, the Harlem and New York Navigation Company, and others, requesting the removal of signs placed on the approaches to Third avenue bridge.
Referred to the Engineer of Construction to report upon.
From the Topographical Engineer, reporting on the complaint made by John H. Brennan James Mulligan, and others relative to the drainage of Third avenue and One Hundred and Thirty fifth street.
Commissioner Wenman moved that it be referred to the Superintendent of Twenty-third and Twenty-fourth Wards to confer with the Topographical Engineer for the purpose of prosecuting the work of cleaning said sewer without delay.
The President put the question whether the Board would agree to said motion, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :
Ayes—Commissioners Wenman, Conover, and Lane—3.
No—Commissioner Green—1.
From C. L. Cooke—In relation to the retaining wall on Sedgwick avenue.
Referred to the Engineer of Construction to report an estimate of the cost of the work of repairing said wall.
From W. A. Conklin, Director of the Menagerie, reporting favorably on the communication from C. M. Geekie desiring to purchase a Zebu bull calf.
Laid over.
From the Topographical Engineer, reporting on the complaint made by H. W. Denicke relative to the drainage in One Hundred and Fifty-third street.
Laid over.
From D. R. Nash, complaining of the drainage of Madison avenue above One Hundred and Seventy-third street.
Referred to the Superintendent of Twenty-third and Twenty-fourth Wards to attend to said complaint.
From the Topographical Engineer, reporting on the communication from the Board of Health relative to drainage in Twenty-third Ward.
On motion of Commissioner Green, laid over.
From Geo. C. Goeller—Relative to the engine at the Third avenue bridge over the Harlem river.
Ordered filed.
From Geo. C. Goeller—Relative to sewer in Third avenue and One Hundred and Thirty-fifth street.
Ordered filed.
From George C. Goeller, relative to trees on the west side of Third avenue.
Ordered filed.
From the Health Department, submitting complaint in relation to dangerous condition of trees on Riverside Drive.
Referred to the Engineer of Construction.
From J. M. Bernard, John Bram, James O'Kane and others, complaining of sewer in Alexander avenue and One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets.
Referred to the Topographical Engineer.
From the Superintendent of Parks, recommending the discharge of Foreman Carlin and reporting the conduct of William Bates, laborer.
Commissioner Wenman offered the following :
Resolved, That the services of Bernard Carlin, foreman, and William Bates, laborer, be and they are hereby dispensed with.
The President put the question whether the Board would agree to said resolution, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :
Ayes—Commissioners Wenman, Conover, Lane, and Green—4.
From R. Stoker, complaining of the sewer in Elton avenue.
Referred to the President.
From Jacob Sheil, in relation to the damage being done his property on One Hundred and Thirtieth street by the drainage from the Riverside Drive.
Referred to the Engineer of Construction to report upon.
From Chrs. Nolan, William Doherty, James Malone and others, complaining of sewer in One Hundred and Forty-seventh street.
Referred to the Topographical Engineer.
From Welch & Barnum, desiring the loan of a steam-pump to use in cleaning out water supply pipes at their mills at Spuyten Duyvil.
Commissioner Wenman moved that permission be granted Messrs. Welch & Barnum to use said steam-pump, the same to be returned in good order in thirty days.
The President put the question whether the Board would agree to said motion, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :
Ayes—Commissioners Wenman, Conover, and Lane—3.
No—Commissioner Green—1.
From Benjamin H. Field, on behalf of the Farragut Monument Association, desiring to present to the city for erection on one of the City parks a bronze statue of the late Admiral Farragut.
Commissioner Lane offered the following :
Resolved, That it be referred to the Executive Committee to report a site suitable for the erection of the statue of Admiral Farragut. That the Committee, consisting of the Presidents of the National Academy of Design, the Metropolitan Museum of Art, and the New York Chapter of the American Institute of Architects, be requested to examine and report upon said statue as regards its merits as a work of art.
Commissioner Green moved that it be referred to the Treasurer, to report upon a site for the same.
The President put the question whether the Board would agree to said motion, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows :
Aye—Commissioner Green—1.
Noes—Commissioners Wenman, Conover, and Lane—3.
The President put the question whether the Board would agree to said resolution, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :
Ayes—Commissioners Wenman, Conover, Lane, and Green—4.
Commissioner Conover, Chairman of the Auditing Committee, presented the following report :
The Auditing Committee beg leave to report that they have examined and audited the following bills, and submit the same to the Board for approval :

Adams, King & Co., sundries.....	Labor, Maint., and Supplies.....	.....	\$39 37
Asiel, Jacob, pavement.....	Laying New and Repairing Old Walks, City Parks.....	.....	600 00
Asiel, Jacob, pavement.....	Laying New and Repairing Old Walks, City Parks, 1879.....	.....	862 91
Bradley & Smith, brooms.....	Labor, Maint., and Supplies.....	.....	2 00
Benoit, A. V., glasses and paints.....	Const. Bridges over H. R.....	.....	9 26
Colgate & Co., laundry soap.....	Labor, Maint., and Supplies.....	\$8 21	.....
	Harlem R. B., Reps., Impt., & Maint.....	71	.....
			8 92
Crook's Band, music.....	Music, Battery and Tompkins square.....	.....	500 00

Crombie, Thos. J., lumber.....	Labor, Maint., and Supplies.....	\$42 05	.....
	Maint. Zoolg. Dept.....	50 46	.....
			92 51
Crombie, Thos. J., oak stakes.....	Fourth Avenue Parks, Impt. of.....	.....	50 80
Devlin, John B., gravel.....	Labor, Maint., and Supplies.....	.....	488 28
Dodworth, Harvey B., music.....	Music, Central Park.....	.....	260 00
Handibode, P., coal.....	Harlem R. B., Reps., Impt., & Maint. Laying New and Repairing Old Walks, Central Park.....	.....	25 00
Russell Pavement Co., pavement.....		.....	850 00
Ward, Geo. W., repairs to aviary.....	Maint. Zoolg. Dept.....	.....	35 00
Wright, Green, labor and materials.....	Regulating and Grading Third ave., from 147th street to Harlem R.....	.....	1,040 00
Wootton, E. H., pavement.....	Tompkins Sq., Rest'n of.....	.....	10,423 35
			\$15,307 40

RECAPITULATION.

Labor, Maintenance, and Supplies.....	\$579 91
Maintenance Zoological Department.....	105 46
Harlem River Bridges—Repairs, Improvement, and Maintenance.....	25 71
Music—Central Park.....	260 00
Music—Battery and Tompkins squares.....	500 00
Laying New and Repairing Old Walks, City Parks.....	600 00
Laying New and Repairing Old Walks, Central Park.....	850 00
Laying New and Repairing Old Walks, City Parks, 1879.....	862 91
Fourth Avenue Parks, Improvement of.....	50 80
Tompkins Square, Restoration of.....	10,423 35
Regulating and Grading Third avenue, from 147th street to Harlem River.....	1,040 00
Construction Bridges over Harlem River.....	9 26
	\$15,307 40

Amounting in the aggregate to the sum of fifteen thousand three hundred and seven dollars and forty cents.

(Signed) SAMUEL CONOVER, } Auditing
SMITH E. LANE, } Committee.

NEW YORK, September 1, 1880.

The above-mentioned bills having been read and passed on separately, the President moved that the Board do now approve them, and that the Secretary be directed to transmit them to the Finance Department for payment.

The President put the question whether the Board would agree to said motion, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :

Ayes—Commissioners Wenman, Conover, and Lane—3.
No—Commissioner Green—1.

Commissioner Green offered the following :

Whereas, It appears that after certain vouchers and certificates were signed and transmitted to this Board, alterations were made therein by the erasion of the title of one of the persons certifying the same :

Resolved, That the Chairman of the Auditing Committee be requested to report at this meeting by whom said alterations were made and whether they were made after his signature to the audit of said bills.

The President put the question whether the Board would agree to said resolution, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows :

Ayes—Commissioners Conover and Green—2.
Noes—Commissioners Wenman and Lane—2.

Commissioner Conover, Chairman of the Auditing Committee, presented the following report :

The Auditing Committee beg leave to report that they have examined and audited the following bills, and submit the same to the Board for approval :

Conover, Samuel, personal expenses.....	Labor, Maint., and Supplies.....	.....	\$125 00
Lane, Smith E., personal expenses.....	Labor, Maint., and Supplies.....	.....	125 00
			\$250 00

Amounting to the sum of two hundred and fifty dollars.

(Signed) SAMUEL CONOVER, } Auditing
SMITH E. LANE, } Committee.

NEW YORK, September 1, 1880.

The above-mentioned bills having been read and passed on separately, the President moved that the Board do now approve them, and that the Secretary be directed to transmit them to the Finance Department for payment.

The President put the question whether the Board would agree to said motion, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :

Ayes—Commissioners Wenman, Conover, Lane—3.
No—Commissioner Green—1.

Commissioner Green offered the following :

Whereas, Commissioner Lane charges that the presentation of certain bills to this Board for passage and payment is a trick and a fraud ; therefore

Resolved, That Commissioner Lane be requested to state the ground he has for making such charges, and to what person or officer he alludes in making said charges.
Commissioner Lane moved that the resolution be laid on the table.

The President put the question whether the Board would agree to said motion, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows :

Ayes—Commissioners Wenman and Lane—2.
Noes—Commissioners Conover and Green—2.

The President put the question whether the Board would agree to said resolution, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows :

Ayes—Commissioners Wenman, Conover, and Green—3.
No—Commissioner Lane—1.

Commissioner Lane answered as follows :

It is illegal for William Van Valkenburgh to certify bills and pay-rolls of this Department, as Property Clerk, an office which he does not hold.
Commissioner Green offered the following :

Resolved, That Commissioner Lane be requested to report in writing the grounds upon which he makes the charges that the presentation of certain bills to the Board is a trick and a fraud, and that he also report in writing to what person or officer he alludes in making these grave charges.

The President put the question whether the Board would agree to said resolution, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows :

Ayes—Commissioners Conover and Green—2.
Noes—Commissioners Wenman and Lane—2.

Commissioner Conover, Chairman of the Executive Committee, presented a report stating that said Committee had considered the subject of the resolution referred to them relative to the appointment of a person to prepare a plan for Morningside Park, and being unable to agree upon any particular person for recommendation to the Board for appointment and referring the matter back to the Board for such action as it may deem necessary.

On motion, said report was received and ordered filed.

In conformity with a resolution of the Board, the Treasurer presented a report showing the amount of gravel ordered by him since proposals for furnishing the same were opened, which was received and ordered filed.

The Treasurer presented the following report, which was ordered entered at length upon the minutes:

Department of Public Parks in account with Samuel Conover, Treasurer.

1880.	Cr.		
Aug. 4	By balance.....	\$20 00	
" 5	By cash received from Mrs. Malherbe.....	10 00	
" 6	" " Carl H. Schultz.....	23 57	
" 7	" " Isidor Isaacs.....	45 22	
" 9	" " John Lucas.....	6 70	
" 10	" " Frederick Folz.....	10 00	
" 10	" " Columbus Ryan.....	707 00	
" 10	" " John McMahon.....	9 27	
" 10	" " William Kyle.....	1 66	
" 10	" " Isaac Hall.....	575 00	
" 16	" " Wesley Farmington.....	10 00	
" 16	" " Jacob Weil.....	10 00	
" 25	" " John Knox.....	10 00	
" 25	" " Fordham Morris.....	10 00	
" 28	" " C. F. White.....	10 00	
" 30	" " John Damm.....	10 00	
" 31	" " Joseph J. Snow.....	4 91	
			\$1,473 33
	Dr.		
Aug. 13	To cash paid into City Treasury.....	\$1,408 42	
Sept. 1	To balance.....	64 91	
			\$1,473 33

(Signed) SAMUEL CONOVER, Treasurer D. P. P.

NEW YORK, Wednesday, September 1, 1880, 9.30 A. M.

A report was received from the Auditing Committee, in relation to the bills of George Roahr for storage of boat, and B. Hufnagle for photographing Riverside Drive, and stating that they were contracted without authority and reporting them back to the Board for such action as it might deem proper.

Commissioner Lane moved that said report be received and the recommendation adopted.

The President put the question whether the Board would agree to said motion, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows:

Ayes—Commissioners Wenman, Conover, Lane, and Green—4.

Commissioner Conover presented a bill of Thomas Rae for rent of office for engineers in the Twenty-third and Twenty-fourth Wards.

Which was referred to the Auditing Committee.

Commissioner Lane offered the following:

Resolved, That under chapter 565 of the Laws of 1880, Jacob Wrey Mould be appointed Architect of the Morningside Park to prepare the plan and design for the improvement of said park authorized and directed by the act aforesaid, and to supervise the work at a salary of two hundred and fifty dollars per month, payable out of the fund authorized to be raised by the said act.

The President put the question whether the Board would agree to said resolution, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows:

Ayes—Commissioners Conover and Lane—2.

Noes—Commissioners Wenman and Green—2.

Commissioner Green offered the following:

Resolved, That Calvert Vaux be employed by this Board to prepare plans for the laying out of Morningside Park, provided that his rate of compensation therefor be first agreed upon between him and the Board.

The President put the question whether the Board would agree to said resolution, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows:

Aye—Commissioner Green—1.

Noes—Commissioners Wenman, Conover, and Lane—3.

Commissioner Lane offered the following:

Whereas, The duties heretofore performed by the Disbursing Clerk in the payment of wages and salaries are now performed by an officer of the Finance Department, so that this Department has no longer any need of a Disbursing Clerk, and has amended its By-laws abolishing such office;

Resolved, That it is hereby proposed to remove William Van Valkenburgh from office, for the causes aforesaid, and that he be informed thereof; and that he be allowed an opportunity of making an explanation at a meeting of the Board to be held on the second day of September, 1880, at three o'clock in the afternoon.

Commissioner Conover moved that said resolution be laid on table.

The President put the question whether the Board would agree to said motion, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows:

Ayes—Commissioners Conover and Green—2.

Noes—Commissioners Wenman and Lane—2.

The President put the question whether the Board would agree to said resolution, and it was determined in the negative, a majority of all the members of the Board not voting in favor thereof, as follows:

Ayes—Commissioners Wenman and Lane—2.

Noes—Commissioners Conover and Green—2.

Commissioner Conover offered the following:

Resolved, That Thomas Greany, laborer, be and he is hereby restored to duty.

The President put the question whether the Board would agree to said resolution, and it was determined in the affirmative, a majority of all the members of the Board voting in favor thereof, as follows:

Ayes—Commissioners Wenman, Conover, Lane, and Green—4.

On motion of Commissioner Conover, at 11.30 o'clock A. M., adjourned.

E. P. BARKER, Secretary.

APPROVED PAPERS.

Resolved, That permission be and the same is hereby given to the Directors of the Academy of Music to erect an inclosure for a waiting room within the stoop-line, also a projecting cover on sidewalk as shown on the accompanying diagram, the work to be done at their own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, August 3, 1880.

Approved by the Mayor, August 18, 1880.

Resolved, That permission be and the same is hereby given to Bernard J. Campbell to place and keep a watering-trough on the sidewalk in front of No. 309 Tenth avenue, the work done and water supplied at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, August 10, 1880.

Approved by the Mayor, August 20, 1880.

Resolved, That lamp-posts be erected and boulevard lamps be put on the same and lighted in Eighty-sixth street, from Eighth avenue to the Grand Boulevard, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, August 10, 1880.

Approved by the Mayor, August 14, 1880.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING WHICH all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts.

EXECUTIVE DEPARTMENT.

Mayor's Office.
No. 6 City Hall, 10 A. M. to 3 P. M.
EDWARD COOPER, Mayor; JAMES E. MORRISON, Secretary; John Tracey, Chief Clerk.

Mayor's Marshal's Office.
No. 7 City Hall, 10 A. M. to 3 P. M.
JOHN TYLER KELLY, First Marshal.

Permit and License Bureau Office.
No. 1 City Hall, 10 A. M. to 3 P. M.
DANIEL S. HART, Registrar.

Sealers and Inspectors of Weights and Measures.
No. 7 City Hall, 10 A. M. to 3 P. M.
WILLIAM EYERS, Sealer First District; ELIJAH W. ROE, Sealer Second District; JOHN MURRAY, Inspector First District; JOSEPH SHANNON, Inspector Second District.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.
No. 8 City Hall, 10 A. M. to 4 P. M.
JOHN J. MORRIS, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS

Commissioner's Office.
No. 19 City Hall, 9 A. M. to 4 P. M.
ALLAN CAMPBELL, Commissioner; FREDERICK H. HAMLIN, Deputy Commissioner.

Bureau of Water Register.
No. 10 City Hall, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.

Bureau of Incumbrances.
No. 13 City Hall, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.

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

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

FINANCE DEPARTMENT.

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

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

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

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

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

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

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

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

LAW DEPARTMENT

Office of the Counsel to the Corporation.
Staats Zeitung Building, third floor, 9 A. M. to 4 P. M.
WILLIAM C. WHITNEY, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.
No. 49 Beekman street, 9 A. M. to 4 P. M.
ALGERNON S. SULLIVAN, Public Administrator.

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

POLICE DEPARTMENT.

Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; SETH C. HAWLEY, Chief Clerk.

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

FIRE DEPARTMENT.

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

HEALTH DEPARTMENT.

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

DEPARTMENT OF PUBLIC PARKS

No. 36 Union square, 9 A. M. to 4 P. M.
JAMES F. WENMAN, President; EDWARD P. BARKER, Secretary.

Civil and Topographical Office.
Arsenal, 64th street a d 5th avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.
Fordham 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

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

DEPARTMENT OF TAXES AND ASSESSMENTS
Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
JOHN WHEELER, President; ALBERT STORER, Secretary.

BOARD OF ASSESSORS.

Office, City Hall, Room No. 12, 9 A. M. to 4 P. M.
THOMAS B. ASTEN, President; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

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

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
PRTER BOWE, Sheriff; JOEL O. STEVENS, Under Sheriff.

REGISTER'S OFFICE.

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

COMMISSIONERS OF ACCOUNTS.

No. 27 Chambers street, 9 A. M. to 4 P. M.
WM. PITT SHEARMAN, JOHN W. BARLOW.

COMMISSIONER OF JURORS.

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

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK.
300 MULBERRY STREET.
NEW YORK, September 2, 1880.

AUCTION SALE UNCLAIMED PROPERTY.
Will be sold at public auction at the Stables of the Bureau of Street Cleaning, foot East Seventeenth street, E. R., on Tuesday, September 14, 1880, at 10 o'clock A. M., by Van Tassel & Kearney, Auctioneers, one horse, one wagon, and lot harness, account Police Life Insurance Fund.

C. A. ST. JOHN,
Property Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK.
300 MULBERRY STREET.
NEW YORK, Sept. 1, 1880.

PUBLIC NOTICE IS HEREBY GIVEN THAT the following described property of this Department, viz.: about 6,000 lbs. of old iron and (about) 2,000 lbs. of old rope, will be sold at public auction at the Stables of the Bureau of Street Cleaning, foot East Seventeenth street, East river, on Tuesday, September 14, 1880, at 10 o'clock A. M. (by Van Tassel & Kearney, auctioneers).

By order of the Board.
S. C. HAWLEY,
Chief Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK.
PROPERTY CLERK'S OFFICE.
No. 300 MULBERRY STREET, Room No. 39.
NEW YORK, August 30, 1880.

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: Boats, rope, lead, iron, clothing (male and female), trunks and contents, bags and contents, watches, boots and shoes, revolvers, cloth (abandoned), jewelry, etc.; also small amount of money taken from prisoners and found by officers of this Department.

C. A. ST. JOHN,
Property Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK.
300 MULBERRY STREET.
NEW YORK, August 30, 1880.

PUBLIC NOTICE.

SEALED BIDS OR ESTIMATES FOR CON- structing a dumping board on the southerly side of Pier (old No.) 42, North river, will be received at the Central Office of the Department of Police, in the City of New York, until 10 o'clock A. M. of the 10th day of September, 1880.

The person or persons making a bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for constructing a dumping board," and with his or her name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the head of said Department and read.

For the amount of work to be done reference is made to the Plans, Specifications, and approved form of contract which may be examined at the office of the undersigned, where blank forms for bid and estimate may also be obtained.

The Police Department reserves the right to reject any or all bids or estimates not deemed beneficial or satisfactory.

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, in the penal sum of five thousand dollars.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect, that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, and stated in the proposals, over and above all his debts of every nature, and over and above his liabilities as bail, surety, and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept to contract within forty-eight (48) hours after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and re-let as provided by law.

Two responsible sureties, freeholders or householders in this city, will be required with each proposal, who must justify in the sum of five thousand dollars each.

The Department reserves the right to reject any or all proposals not deemed beneficial or satisfactory.

Plans may be examined and specifications and blank proposals obtained by application to the undersigned, at his office in the Central Department, on and after the 1st day of September, 1880.

By order of the Board,
S. C. HAWLEY,
Chief Clerk.

ASSESSMENT COMMISSION.

THE COMMISSIONERS APPOINTED BY CHAPTER 550 OF THE LAWS OF 1880, to revise, modify, or vacate assessments for local improvements in the City of New York, give notice to all persons affected thereby that the notices required by said act must be filed with the Comptroller of said city and a duplicate thereof with the Counsel to the Corporation, as follows:

First. As to all assessments confirmed prior to June 9, 1880, on or before November 1, 1880.
Second. As to all assessments confirmed subsequent to June 9, 1880, for local improvements theretofore completed, and as to any assessment for local improvements known as Morningside avenues, within two months after the dates upon which such assessments may be respectively confirmed.

The notice must specify the particular assessment complained of, the date of confirmation of the same, the property affected thereby, and in a brief and concise manner the objections thereto, showing that the assessment was unfair or unjust in respect to said real estate.

Dated New York, July 13, 1880.
EDWARD COOPER, Mayor.
JOHN KELLY, Comptroller.
ALLAN CAMPBELL, Commissioner of Public Works.
GEORGE H. ANDREWS, Commissioner under said Act.
DANIEL LORD, JR., Commissioner under said Act.

LEGISLATIVE DEPARTMENT.

THE COMMITTEE ON PUBLIC WORKS OF THE BOARD OF ALDERMEN will meet every Monday at two o'clock P. M., at Room No. 8 City Hall.

HENRY C. PERLEY,
THOMAS SHELLS,
JOHN MCCLAVE,
HENRY HAFEN,
BERNARD KENNEY,
Committee on Public Works.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, August 28, 1880.

TO CONTRACTORS.

BIDS OR ESTIMATES INCLOSED IN A SEALED ENVELOPE, with the title of the work, and the name of the bidder endorsed thereon, also the number of the work as in the advertisement, will be received at this office until Friday, September 10, 1880, at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read, for the following:

- No. 1. SEWER in Water street, between Roosevelt street and James slip.
- No. 2. SEWER in Sixty-eighth street, between Eighth avenue and the Boulevard.
- No. 3. SEWER in Eightieth street, between Tenth avenue and the Boulevard.
- No. 4. SEWERS in Eightieth and Eighty-first streets, between Avenues A and B, and in Avenue A, east side, between Eightieth and Eighty-second streets.
- No. 5. SEWERS in Eighty-second street, between First avenue and Avenue B, and in Avenue A, east side, between Eighty-second and Eighty-third streets.
- No. 6. SEWER in One Hundred and Fifth street, between Tenth avenue and Boulevard.
- No. 7. REGULATING, grading, and setting curb-stones and flagging sidewalks four feet wide in Fourth avenue, from the centre line of Ninety-fourth street to the south curb line of Ninety-sixth street.
- No. 8. REGULATING, grading, and setting curb stones and flagging sidewalks four feet wide in One Hundred and Twenty-fifth street, from the southerly curb line of Manhattan street to the easterly curb line of the Boulevard.
- No. 9. PAVING Seventy-sixth street, from Third to Fourth avenue, with trap-block pavement, and laying crosswalks at the intersecting streets and avenues, where required.
- No. 10. PAVING Eightieth street, from Second avenue to Avenue A, with trap-block pavement, and laying crosswalks at the intersecting streets and avenues, where required.

Blank forms of bid or estimate, the specifications and agreements, the proper envelope in which to inclose the bids and any further information desired can be obtained at the following offices: Sewers, Room 21; Regulating and Grading, Room 11, and Paving, Room 4, City Hall.

The Commissioner of Public Works reserves the right to reject any or all proposals if, in his judgment, the same may be for the best interests of the City.

ALLAN CAMPBELL,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, August 24, 1880.

TO CONTRACTORS.

PROPOSALS INCLOSED IN A SEALED ENVELOPE, with the title of the work and the name of the bidder endorsed thereon, also the number of the work as in the advertisement, will be received at this office until Monday, September 6, 1880, at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read, for the following:

- No. 1. SEWERS in Lexington avenue, between One Hundred and Sixth and One Hundred and Eighth streets.
- No. 2. SEWERS in One Hundred and Fifth street, between Fourth and Fifth avenues, and in One Hundred and Sixth street, between Madison and Fifth avenues.
- No. 3. REGULATING and grading Fourth avenue, from Ninety-sixth street to One Hundred and Second street.
- No. 4. REGULATING, grading, and setting curb and gutter stones, and flagging sidewalks four feet wide in Fourth avenue, from One Hundred and Fifteenth to One Hundred and Sixteenth street.
- No. 5. REGULATING, grading, setting curb and gutter stones, and flagging Sixty-second street, from Tenth to Eleventh avenues.
- No. 6. REGULATING, grading, and setting curb and gutter stones, and flagging in Seventy-first street, between Fifth avenue and East river.
- No. 7. REGULATING AND GRADING One Hundred and Seventeenth street, between Fifth and Sixth avenues.
- No. 8. RE-REGULATING, RE-GRADING, AND RE-SETTING curb and gutter-stones, and relaying flagging of the sidewalks in Lexington avenue, between One Hundred and Second street and Harlem river, where required.

Blank forms of bid or estimate, the specifications and agreements, the proper envelopes in which to inclose the bids, and any further information desired, can be obtained at the following offices: Sewers, Room 21, Regulating and Grading, Room 11, City Hall.

The Commissioner of Public Works reserves the right to reject any or all proposals, if in his judgment the same may be for the best interests of the city.

ALLAN CAMPBELL,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, August 24, 1880.

TO CONTRACTORS.

PROPOSALS, INCLOSED IN A SEALED ENVELOPE, with the title of the work and the name of the bidder endorsed thereon, will be received at this office until Thursday, September 6, 1880, at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read, for the following:

- No. 1. LAYING CROTON WATER-MAINS in Washington, Beckman, Mail, One Hundred and Fifty-fourth, One Hundred and Sixty-second, One Hundred and Sixty-seventh, One Hundred and Fifty-ninth, One Hundred and Sixty-third, One Hundred and Fifty-fifth, Seventieth, One Hundred and Fiftieth, One Hundred and First streets, Fourth avenue, and in Morris avenue.

- No. 2. PAVING WITH TRAP-BLOCKS now on Fifty-seventh street, Fifty-seventh street, between Fifth and Sixth avenues.

Blank forms of bid or estimate, the specifications and agreements, the proper envelopes in which to inclose the bids, and any further information desired, can be obtained at the following offices: Croton-mains Room 11½, and Paving Room 4, City Hall.

The Commissioner of Public Works reserves the right to reject any or all proposals if in his judgment the same may be for the best interests of the City.

ALLAN CAMPBELL,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER,
ROOM 10, CITY HALL,
NEW YORK, July 15, 1880.

CROTON WATER RATES.

NOTICE IS HEREBY GIVEN THAT ON THE first day of August next five per cent. will be added on all unpaid water rates.

ALLAN CAMPBELL,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER, ROOM 10, CITY HALL,
NEW YORK, April 28, 1880.

CROTON WATER RATES.

NOTICE IS HEREBY GIVEN THAT, ACCORDING TO LAW, Croton water rates for the current year will be due and payable at this office on and after May 1, 1880.

ALLAN CAMPBELL,
Commissioner of Public Works.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
117 AND 119 DUANE STREET
NEW YORK, August 23, 1880.

TO CONTRACTORS.

(No. 120.)

PROPOSALS FOR ESTIMATES FOR DREDGING THE SLIPS BETWEEN THE PIERS AT TWENTY-SIXTH STREET AND TWENTY-EIGHTH STREET, ON THE EAST RIVER.

SEALED PROPOSALS FOR DREDGING AT the above-named places on the East river, indorsed with a statement of the work to which it relates, and with the name or names of the person or persons presenting the same, and the date of presentation, and addressed to "The Board of Commissioners of the Department of Docks," will be received at this office until 12 o'clock M. of

WEDNESDAY, SEPTEMBER 8, 1880,

at which time and place the bids will be publicly opened by the head of said Department and read. The award of the contract will be made as soon as practicable after the opening of the bids.

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of two thousand dollars.

The Engineer's estimate of the quantity of material necessary to be dredged in order to secure at the premises mentioned the depth of ten feet at mean low water, is 19,500 cubic yards.

N. B.—As the above-mentioned quantity, though stated with as much accuracy as is possible, in advance, is approximate only, bidders are required to submit their proposals upon the following express conditions, which shall apply to and become part of every proposal received: (1.) Bidders must satisfy themselves, by personal examination of the location of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing estimate, and shall not, at any time after the submission of a proposal, dispute or complain of such statement nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor per cubic yard to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date thereof, and all the work to be done under the contract is to be fully completed on or before the 15th day of October, 1880; and the damages to be paid by the contractor for each day that the contract or any part thereof may be unfulfilled after the time fixed for the fulfillment thereof has expired, Sundays and holidays not to be excepted, are, by a clause in the contract, fixed and liquidated at fifty dollars per day.

All the material excavated is to be removed by the contractor, and deposited in all respects according to law. Bidders will state in their estimates the price per cubic yard for doing such dredging in conformity with the approved form of contract and specifications therein set forth, by which the bids will be tested. The price is to cover all expenses of every kind involved in or incidental to the completion of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will write out the amount of their estimate for doing this work, in addition to inserting the same in figures.

Should the lowest bidder or bidders neglect or refuse to accept to contract within forty-eight (48) hours after written notice that the same has been awarded to his or their bid or estimate, or if, after acceptance, he or they should refuse or neglect to execute the contract and give the proper security, for forty-eight hours after notice that the same is ready for execution, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without collusion or fraud; and also that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is

directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if said person shall omit or refuse to execute the contract, they will pay to the Corporation any difference between the sum to which said person would be entitled on its completion, and that which the Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, and stated in these proposals, over and above all his debts of every nature, and over and above his liabilities as bail, surety, and otherwise; and that he has offered himself as surety in good faith, and with the intention to execute the bond required by section 6 of chapter 574, Laws of 1871, and by section 27 of chapter VIII of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he is tested to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, after the award is made and prior to the signing of the contract.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

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

The right to decline all the estimates is reserved, if deemed for the interest of the Corporation.

The form of the agreement, including specifications, and showing the manner of payment for the work, is annexed. Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

HENRY F. DIMOCK,
JACOB VANDERPOEL,
Commissioners of the Department of Docks.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, August 28, 1880.

SEALED PROPOSALS FOR DOING THE WORK and furnishing the materials required in the proposed building and erection of an engine-house for Engine Co. No. 44, on the north side of East Seventy-fifth street, 230 feet east of Third avenue, will be received as above until 9 o'clock A. M., Saturday, September 11, 1880, when they will be publicly opened and read.

No proposals will be received or considered after the hour named.

Plans and specifications and the form of contract to be entered into by the successful bidder may be seen, and blank proposals will be furnished on application at these headquarters.

Two responsible sureties will be required with each proposal, who must each justify themselves prior to its presentation, in not less than one-half the amount thereof.

Proposals must be addressed on the envelope "To the Board of Commissioners," with the indorsement, "Proposals for Building and Erecting Engine-house on East Seventy-fifth street," and the name of the bidder.

The Commissioners reserve the right to reject any or all of the proposals submitted, if deemed to be for the interests of the city.

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

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, August 16, 1880.

NOTICE IS HEREBY GIVEN THAT THE office of the Bureau of Inspection of Buildings (late Department of Buildings), will, from and after September 1, 1880, be located at the Headquarters of this Department, Nos. 155 and 157 Mercer street.

VINCENT C. KING,
President.

CARL JUSSSEN,
Secretary.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, August 23, 1880.

THE REMOVAL OF THE OFFICE OF THE Bureau of Inspection of Buildings, of which notice is given above, is postponed to October 1, 1880.

By order of the Board.

VINCENT C. KING,
President.

CARL JUSSSEN,
Secretary.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, November 7, 1878.

NOTICE IS HEREBY GIVEN THAT THE Board of Commissioners of this Department will meet daily at 10 o'clock A. M., for the transaction of business.

By order of the Board.

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

CARL JUSSSEN,
Secretary

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, DRY GOODS, LEATHER, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES.

- 10,000 pounds Dairy Butter. Sample on exhibition September 13.
- 2,000 pounds Cheese.
- 10,000 " Oolong Tea.
- 3,000 " Coffee Sugar.
- 50,000 " Brown Sugar.
- 15,000 " Rio Coffee.
- 50 barrels Hominy.
- 250 bushels Peas.
- 250 " Beans.
- 25,000 Fresh Eggs (all to be candled).

DRY GOODS.

- 3,000 yards Woolen Jeans.
- 1,000 " Shroud Muslin.
- 250 pounds W. Bro. Linen Thread.

LEATHER.

- 250 sides Sole Leather.
- 250 " Waxed Upper Leather.

PAINTS.

- 2,500 pounds White Lead, pure and equal to "Atlantic" lead.

—or any part thereof, will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9 o'clock A. M., of Tuesday, the 14th day of September, 1880. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Dry Goods, Leather, etc.," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the head of said Department and read.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Delivery will be required to be made from time to time, at such times and in such quantities as may be directed by the said Department; but the entire quantity will be required to be delivered on or before thirty (30) days after the date of the contract.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, in the penal amount of fifty (50) per cent. of the estimated amount of the contract.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities, as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept to contract within forty-eight (48) hours after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same respectively, at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

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

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

Payment will be made by a requisition on the Comptroller, issued on the completion of the contract, or from time to time as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a contract awarded to any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The form of the agreement, including specifications, and showing the manner of payment can be obtained at the office of the Department.

Dated New York, August 31, 1880.

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

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, September 2, 1880.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from Twenty-third Precinct Station-house—Unknown man; aged about 35 years; 5 feet 7 inches high; dark brown hair; moustache; hazel eyes. Had on blue check jumper, blue flannel shirt, brown canvas overalls, boots.

Unknown man, from St. Luke's Hospital; aged about 35 years; 5 feet 6 inches high; dark brown hair and moustache; hazel eyes. No clothing.

Unknown woman, from Pier 1, North river; aged 40 years; 5 feet high; gray hair; hazel eyes. Had on dark plaid skirt, black merino sacque, black alpaca jacket, white cotton drawers, white stockings, prunella garters.

At Lunatic Asylum, Blackwell's Island; Sarah Martin; aged 60 years; 4 feet 10 inches high; gray hair; hazel eyes. Had on when admitted calico wrapper, white chemise, stockings, slippers. Nothing known of her friends or relatives.

By Order,
G. F. BRITTON,
Ass't. Secretary.

DEPARTMENT OF PUBLIC PARKS.

DEPARTMENT OF PUBLIC PARKS,
36 UNION SQUARE,
NEW YORK CITY, Sept. 1, 1880.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR LAYING Neufchatel or Trinidad asphalt pavement on the Mall and Concert ground in the Central Park, will be received at the office of this Department until Wednesday, September 15, 1880, at 9 o'clock A. M., at which time such bids or estimates will be publicly opened by the head of said Department and read.

Each bid or estimate must be enclosed in a sealed envelope, endorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates. Bidders are required to state in their estimates, under oath, their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, they shall distinctly state the fact; also, that it is made without any connection with any other person making any bid or estimate for the same work; and that it is in all respects fair and without collusion or fraud; and also that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. Where more than one person is interested, it is requisite that the verification be made and subscribed by all parties interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of said work by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, and stated in the proposals, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; that he has offered himself as a surety in good faith, and with an intention to execute the bond required by section 27, article 2, chapter 8 of the Revised Ordinances of 1859, if the contract shall be awarded to the person or persons for whom he consents to become surety.

The adequacy and sufficiency of the sureties offered to be determined by the Comptroller.

The contract for the work, if awarded at all, will be awarded to the lowest bidder, whose proposal, considering the price, quality, and durability of the pavement which he offers to lay, will, in the opinion of the Department, be most advantageous to the city.

But the Department reserves the right to reject all the bids received in response to this advertisement if it shall deem it for the interest of the city so to do, and to re-advertise until a satisfactory proposal shall be received. But the contract, when awarded, will be awarded to the lowest bidder with adequate security, for the particular kind of pavement which shall be adopted by the Department.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract, within forty-eight hours after written notice that the same has been awarded to his or their bid or estimate; and in case of neglect or refusal so to do, he or they will be considered as having abandoned it and as in default to the Corporation.

The work to be done is the grading and paving of such portions of the walks and foot-paths in said park as the Commissioners of said Department shall designate on the map and ground, and is estimated to amount to about—10,000 square feet.

This estimate is only approximate, and not to be held as entitling the contractor to any claim for damages, should the actual amount of work be greater or less. He understands that he contracts with reference to the actual amount of space to be paved or repaved, so designated on the map or plan of the park and on the ground. Each bidder must furnish with his bid or estimate full and complete specifications for the work, showing the mode of making and laying the pavement he proposes to lay. A copy of the specifications, furnished by the bidder to whom the contract may be awarded, will be annexed to and form part of the contract.

Bidders will state in writing and also in figures, a price per square foot for laying the pavement. This price is to cover the furnishing of all the necessary materials, tools, and labor, the removal of old walks (where there are any), the excavation and grading of the bed for the pavement, and the full and entire performance of the whole work set forth in the contract and specifications. The time in which to complete the whole work will be named in the bid, and attention is called to the claim of the contract, by which the damages for delay beyond that time are fixed and liquidated at \$100 per day.

The amount in which security is required for the performance of the work is ten thousand dollars.

The form of the contract which the successful bidder will be required to execute and with reference to which all bids must be made, can be seen at the office of the Department. Further information as to the nature and amount of the work, the forms of proposals, etc., can be obtained at the same office.

JAMES F. WENMAN,
SAMUEL CONOVER,
SMITH E. LANE,
ANDREW H. GREEN,
Commissioners D. P. P.

F. P. BARKER,
Secretary D. P. P.

SUPREME COURT.

In the matter of the application of the Commissioners of the Central Park, for and in behalf of the Mayor, Aldermen, and Commonalty of the City of New York, relative to the opening of Seventy-fourth street, from Eighth avenue to the Hudson river, in the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

I. That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections, in writing, duly verified, to Frederick Smyth, Esq., our Chairman, at the office of the Commissioners, No. 82 Nassau street (Room No. 22), in the said city, on or before the twelfth day of October, 1880, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said twelfth day of October, 1880, and for that purpose will be in attendance, at our said office, on each of said ten days, at 2 o'clock P. M.

II. That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works in the City of New York, there to remain until the nineteenth day of October, 1880.

III. That the limits embraced by the assessment aforesaid are as follows, to wit: All those certain lots, pieces or parcels of land, situate, lying and being in said City, and which, taken together, are bounded and joined as follows, to wit:

Northerly, by the centre line of the blocks between Seventy-fourth and Seventy-fifth streets; southerly, by the centre line of the blocks between Seventy-third and Seventy-fourth streets; easterly by the centre line of the Eighth avenue, and westerly, by the established bulkhead line of the Hudson river.

IV. That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at the Chambers thereof in the County Court-house in the City of New York, on the 2d day of November, 1880, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, August 27, 1880.
FREDERICK SMYTH,
JACOB F. OAKLEY,
WILLIAM M. TWEED, JR.,
Commissioners.

In the matter of the application of the Department of Public Parks, for and in behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title to that certain continuous road and avenue known as Boston road and Westchester avenue, although not yet named by proper authority, from Third avenue to the eastern line of the City of New York, at the Bronx river.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots, and improved or unimproved lands, affected thereby, and to all others whom it may concern, to wit:

First.—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections, in writing, duly verified, to William H. Wickham, Esq., our Chairman, at the office of the Commissioners, No. 3 Fine street, in said city, on or before the 21st day of September, 1880, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 21st day of September, 1880, and for that purpose will be in attendance at our said office on each of the said ten days, at 2 o'clock P. M.

Second.—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works in the City of New York, there to remain until the 28th day of September, 1880.

Third.—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being within the following described boundaries, viz:

Commencing at a point on the northerly side of Westchester avenue, as the same is now being widened, at a point which would intersect it by a line drawn parallel to and five hundred 500 feet easterly of the easterly line of Third avenue; thence running northerly in a line parallel to Third avenue, until the said line is intersected by a line drawn parallel to and five hundred 500 feet southerly of the Boston road; thence running easterly and always five hundred 500 feet southerly of the southerly line of Boston road to Prospect avenue; thence easterly along Prospect avenue to the Bronx river; thence northerly along the Bronx river, until the same is intersected by a line drawn parallel to and one thousand 1,000 feet northerly of the northerly line of Westchester avenue; thence westerly and southerly and always one thousand 1,000 feet distant from the northerly line of Westchester avenue, and westerly line of Boston road to Woodruff avenue; thence easterly along Woodruff avenue until the same is intersected by a line drawn parallel to and five hundred 500 feet northerly of the northerly line of Boston road; thence westerly and always five hundred 500 feet therefrom until the same is intersected by a line drawn parallel to and five hundred 500 feet westerly of the westerly line of Third avenue; thence southerly and always five hundred 500 feet therefrom to the northerly side of Denman street; thence easterly along the northerly side of Denman street and Westchester avenue as the same is being widened, to the place of beginning, excepting therefrom all the streets, roads, and avenues that are now opened or being opened.

Fourth.—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at the Chambers thereof in the County Court-house, at the City Hall, in the City of New York, on the 12th day of October, 1880, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, August 10, 1880.
WILLIAM H. WICKHAM,
BERNARD SMYTH,
GUNNING S. BEDFORD,
Commissioners.

In the matter of the application of the Department of Public Works, for and on behalf of the Mayor, Aldermen, and Commonalty of the City of New York, relative to the opening of Sixty-seventh street, from Third avenue to the East river, in the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections, in writing, duly verified, to William Cruikshank, our Chairman, at the office of the Commissioners, No. 261 Broadway, Room No. 23, in said city, on or before the 14th day of September, 1880; and that we, the said Commissioners, will hear parties so objecting within ten week days next after said 14th day of September, 1880, and for that purpose will be in attendance at our office on each of said ten days, at three o'clock in the afternoon.

Second.—That the abstract of said estimate and assessment, together with our maps, and also all the affidavits, estimates, and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the city of New York, there to remain until the 15th day of September, 1880.

Third.—The limits embraced by the assessment aforesaid are as follows: All those lots, pieces, or parcels of land situate, lying, and being in the City of New York, included within the following boundaries, viz: Commencing at a point on the easterly line of Third avenue, distant one hundred feet and five inches southerly from the southerly line of Sixty-eighth street; thence easterly and parallel to Sixty-eighth street, and always one hundred feet and five inches southerly of the southerly line thereof to the bulkhead line of East river; thence southerly along said bulkhead line to a point which would be intersected by a line drawn parallel to Sixty-sixth street, and one hundred feet and five inches northerly of the northerly line thereof; thence westerly and parallel to Sixty-sixth street, and always one hundred feet and five inches northerly of the northerly line thereof to the easterly line of Third avenue; thence northerly along the easterly line of Third avenue to the point or place of beginning.

Excepting, however, from all the lands and premises above described so much thereof as is included within the areas of streets and avenues now opened and proposed to be opened by this proceeding.

Fourth.—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the New Court-house in the City of New York, on the 29th day of September, 1880, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that said report be confirmed.

Dated New York, August 2, 1880.
WILLIAM CRUIKSHANK,
GUNNING S. BEDFORD,
ALLEN J. CUMING,
Commissioners.

In the matter of the application of the Commissioners of the Department of Public Parks, or and in behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of Sedgwick avenue, from Fordham Landing road to Boston avenue, in the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots, and improved or unimproved lands affected thereby; and to all others whom it may concern, to wit:

I.—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections, in writing, duly verified, to Jerome Buck, Esq., our Chairman, at the office of the Commissioners, No. 206 Broadway, in the said city, on or before the 26th day of August, 1880; and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 26th day of August, 1880, and for that purpose will be in attendance at our said office on each of said ten days, at 2 o'clock P. M.

II.—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates, and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 8th day of September, 1880.

III.—That the limits embraced by the assessment aforesaid, are as follows, to wit: All those lots, pieces, or parcels of land situate, lying, and being within the following described lines, viz: Commencing at a point on the same is intersected by the easterly line of the New York & Northern Railroad; thence running northerly along the said railroad until it intersects a line drawn parallel to and five hundred feet westerly of the westerly line of Sedgwick avenue; thence northerly along said line and always five hundred feet westerly of the westerly line of Sedgwick avenue until intersected by a line fifteen hundred feet north of the northerly end of Sedgwick avenue, as now being opened; thence easterly along said last mentioned line until the same is intersected by the prolongation of a line drawn parallel to and five hundred feet easterly of the easterly line of Sedgwick avenue; thence southerly along the prolongation of said line, and said line always five hundred feet easterly of the easterly line of Sedgwick avenue until it intersects the northerly line of Fordham Landing road; thence westerly along northerly side of the said Fordham Landing road to the place of beginning. Excepting therefrom all the avenues, streets, and roads within said boundaries.

IV.—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the 14th day of September, 1880, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, July 10, 1880.
JEROME BUCK,
CHARLES W. BATHGATE,
THOMAS J. BROWN,
Commissioners.

THE CITY RECORD.

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

FINANCE DEPARTMENT.

ARREARS OF ASSESSMENTS.

NOTICE TO PROPERTY-OWNERS.

THE COMPTROLLER OF THE CITY OF NEW York hereby gives notice to the owners of real estate, that as provided by chapter 195, passed May 7, 1880, at any time before the first day of September, 1880, any person liable therefor may pay the amount of any assessment for any local improvement in the City of New York, confirmed prior to the passage of said act, and remaining unpaid with interest at the rate of seven per centum per annum, and after said first day of September, and before the first day of December, 1880, any such assessment may be paid as aforesaid, with interest at the rate of nine per centum per annum, from the date of confirmation to the date of payment thereof.

If any such assessment shall not be paid before the first day of December, 1880, the rate of interest thereon will be twelve per centum per annum thereafter, as provided by law, from the date of confirmation to the date of payment. The said act of 1880 is published herewith.

JOHN KELLY,
Comptroller.
CITY OF NEW YORK, DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, July 23, 1880.

CHAPTER 195.

AN ACT in relation to the payment of assessments for local improvements in the City of New York.

Passed May 7, 1880; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. At any time before the first day of September, eighteen hundred and eighty, any person liable therefor may pay, to the officer authorized to receive the same, the amount of any assessment for any local improvement in the City of New York, heretofore confirmed and now unpaid, with interest thereon at the rate of seven per centum per annum from the date of confirmation to the date of payment and at any time on or after said first day of September, and before the first day of December, eighteen hundred and eighty, any such assessment may be paid as aforesaid, with interest at the rate of nine per centum per annum from the date of confirmation to the date of payment.

Sec. 2. Where any installment or installments of any assessments have been paid under the provisions of chapter one hundred and three of the laws of eighteen hundred and seventy-six, or of chapter one hundred and fifty-nine of the laws of eighteen hundred and seventy-seven, or of chapter two hundred and fifty-five of the laws of eighteen hundred and seventy-eight, the amount of such assessment or assessments remaining unpaid may be paid within the same periods prescribed in the first section of this act and upon the same terms and conditions therein prescribed.

Sec. 3. Upon such payment in full, as hereinbefore provided, such assessment or assessments shall cease to be a lien upon the property, and shall be deemed fully paid, satisfied and discharged; and there shall be no further interest or penalty by reason of such assessment or assessments not having been paid within the time heretofore required by law, or by reason of any statute heretofore requiring the payment of any penalty or interest over the rate hereinbefore provided for upon any unpaid assessment.

Sec. 4. No provision of this act hereinbefore contained shall be construed as applicable to or affecting any assessment for the collection of which assessment the property has been sold.

Sec. 5. This act shall take effect immediately.

INTEREST ON CITY STOCKS.

THE INTEREST ON THE BONDS AND STOCKS of the City of New York, due August 1, 1880, will be paid on Monday, August 2d, by the Comptroller, at his office in the New Court-house.

The transfer books will be closed from July 20, to August 2, 1880.

JOHN KELLY,
Comptroller.
FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,
NEW YORK, July 19, 1880.

ARREARS OF TAXES.

NOTICE TO TAXPAYERS.

THE COMPTROLLER OF THE CITY OF NEW York hereby gives notice to owners of Real Estate in said city, that, as provided by chapter 123 of the Laws of 1880, they may now pay any arrears of taxes and Croton water rents levied prior to the year 1877, with interest thereon at the rate of seven per cent. per annum. If, however, such taxes and Croton water rents are not paid before the first day of October next, the property on which they are due will be sold for taxes immediately thereafter, with the addition of accrued interest thereon at the rate of 12 per cent. per annum from the respective dates on which they were levied.

Lists for such tax sale are now being prepared by the Clerk of Arrears.

The time of payment of taxes for the years 1877, 1878, and 1879, with interest thereon at the rate of seven per cent. per annum, is extended to the first day of April, 1881, and if not paid before that date, interest will be payable at the rate of twelve per cent. per annum.

The Act, chapter 123, Laws of 1880, containing these provisions of law, is published below.

JOHN KELLY,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, JUNE 4, 1880.

CHAPTER 123.

AN ACT in relation to arrears of taxes in the City of New York, and to provide for the reissuing of revenue bonds in anticipation of such taxes.

Passed April 15, 1880; three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. At any time after the passage of this act, and before the first day of October, eighteen hundred and eighty, any person may pay to the Comptroller of the City of New York the amount of any tax upon real property belonging to such person, heretofore laid or imposed and now remaining unpaid, together with interest thereon at the rate of seven per centum per annum, to be calculated from the time that such tax was imposed to the time of such payment, provided, also, that the time when such payment may be made on the amount of any such tax laid or imposed in the years eighteen hundred and seventy-seven, eighteen hundred and seventy-eight, and eighteen hundred and seventy-nine shall extend to the first day of April, eighteen hundred and eighty-one. The Comptroller shall make and deliver to the person making any such payment a receipt therefor, and shall forthwith cancel the record of any such tax on the books of the finance department; and upon such payment being made such tax shall cease to be a lien upon the property and shall be deemed fully paid, satisfied and discharged, and there shall be no right to any further interest or penalty by reason of such tax not having been paid within the time heretofore required by law, or by reason of any statute passed requiring the payment heretofore of any penalty or interest over seven per centum per annum upon any unpaid tax.

Sec. 2. Any revenue bond heretofore issued in anticipation of the taxes in the first section specified which may fall due and become payable before said taxes are collected, may be reissued by the Comptroller of said city, in whole or in part, for such period as he may determine, not exceeding one year.

Sec. 3. This act shall take effect immediately.

DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS,
FIRST FLOOR, ROOM NO. 1, NEW COURT-HOUSE,
CITY HALL PARK,
NEW YORK, JUNE 4, 1880.

NOTICE TO PROPERTY-HOLDERS.

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

CONFIRMED APRIL 16, ENTERED APRIL 24, 1880.

Opening of—
156th street, from the westerly line of Kingsbridge road to the easterly line of 11th avenue.
157th street, from the westerly line of the Road or Public Drive near the Harlem river to the easterly line of 11th avenue.
158th street, from the westerly line of Kingsbridge road to the Hudson river.
159th street, from the westerly line of the Road or Public Drive near the Harlem river to the easterly line of 11th avenue.

All payments made on the above assessments on or before August 3, 1880, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of entry.

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

EDWARD GILON,
Collector of Assessments.

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,
NEW YORK, JANUARY 22, 1880.

NOTICE TO OWNERS OF REAL ESTATE IN THE TWENTY-THIRD AND TWENTY-FOURTH WARDS OF THE CITY OF NEW YORK.

THE COMPTROLLER OF THE CITY OF NEW York hereby gives notice to owners of real estate in the Twenty-third and Twenty-fourth Wards, that pursuant to an act of the Legislature of the State of New York, entitled "An act to provide for the adjustment and payment of unpaid taxes due the county of Westchester by the towns of West Farms, Morrisania, and Kingsbridge, lately annexed to the city and county of New York," passed May 22, 1878, the unpaid taxes of said town have been adjusted and the amount determined as provided in said act, and that the accounts, including sales for taxes levied prior to the year 1874, by the Treasurer of the County of Westchester, and bid in on account of said towns, and also the unpaid taxes of the year 1873, known as Rejected Taxes, have been filed for collection in the Bureau of Arrears in the Finance Department of the City of New York.

Payments for the redemption of lands so sold for taxes by the Treasurer of the County of Westchester, and bid in on account of said towns, and payments also of said Rejected Taxes of the year 1873, must be made hereafter to the Clerk of Arrears of the City of New York.

N. B.—Interest at the rate of twelve per cent. per annum is due and payable on the amount of said sales for tax and said rejected taxes.

JOHN KELLY,
Comptroller.

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 1857, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriffs' sales, in 61 volumes, full bound, price \$100 00
The same, in 25 volumes, half bound, price 50 00
Complete sets, folded, ready for binding, price 15 00
Records of judgments, 25 volumes, bound, price 10 00
Orders should be addressed to "Mr. Stephen Angell, Comptroller's Office, New County Court-house."

JOHN KELLY,
Comptroller.