

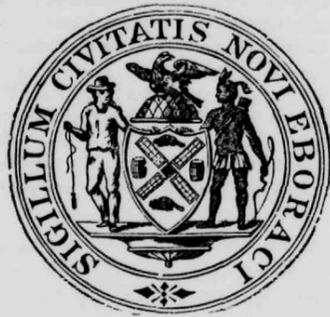
THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. VIII.

NEW YORK, THURSDAY, DECEMBER 9, 1880.

NUMBER 2,286.



DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1880.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19 CITY HALL,
NEW YORK, November 10, 1880.

Hon. EDWARD COOPER, Mayor:

SIR—In compliance with section 27 of the charter, I have the honor to submit herewith my report of the transactions of this Department for the three months ending September 30, 1880.

Summary of Expenditures.

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

On account of appropriations raised by taxation.....	\$713,011 55
On account of assessment fund for street improvements.....	117,656 16
On account of revenue bonds, in anticipation of collection of charges for water meters..	10,970 90
On account of funded debt, for improvement and extension of water supply.....	155,110 12
Total.....	\$996,748 73

Expenditures for the Corresponding Quarter for the past Seven Years.

Third quarter of 1874.....	\$1,907,056 13
" 1875.....	1,720,026 45
" 1876.....	1,132,657 75
" 1877.....	865,443 58
" 1878.....	738,574 76
" 1879.....	599,853 78
" 1880 (as above).....	996,743 73

Increase over corresponding quarter last year..... \$396,889 95

Expenditures for the First Nine Months for the Past Seven Years.

First nine months of 1874.....	\$5,519,120 87
" " 1875.....	4,181,388 79
" " 1876.....	3,413,340 16
" " 1877.....	2,186,757 40
" " 1878.....	1,989,289 13
" " 1879.....	1,431,000 76
" " 1880.....	2,198,011 07

The requisitions for the quarter show an increase of \$396,889.65 over those for the corresponding quarter of last year. The following statement shows the several items or branches of work on which increased expenditure was incurred.

Amounts Expended for various Public Works during the Third Quarter of 1879 and 1880.

NATURE OF WORK.	THIRD QUARTER 1879.	THIRD QUARTER 1880.	INCREASE.
Aqueduct—Repairs and Strengthening.....	\$33,367 03	\$83,228 41	\$49,861 38
Laying new 4-foot Mains in place of broken 6-foot Mains.....	372 80	33,130 73	33,130 73
Laying Croton Pipes to extend the water supply.....	75,609 96	118,296 62	42,686 66
Expenses of surveys and acquisition of lands and water rights for additional water supply from Bronx river.....	4,618 59	36,319 73	31,701 14
Expenses of surveys and acquisition of lands and water rights for additional water supply from Croton basin.....	13,095 79	100,007 24	86,911 45
Expenses of placing water meters.....	372 80	10,970 90	10,598 10
Repairing Streets and Avenues.....	46,625 10	162,955 02	116,329 92
Street Improvements payable by assessments.....	85,651 83	117,656 16	32,004 18
Total increase.....			\$403,323 56

From the above table it will be seen that the increased expenditures during the present year over those of 1879 (which were less than for many years past), have been for the most useful and necessary works, mainly for the maintenance and improvement of the water supply, and for the repavement of streets and avenues.

BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

The Aqueduct.—As seen by the foregoing statement of expenditures, a large amount of work has been done during the quarter in repairing and strengthening the Aqueduct, of which the following are the principal items:

- 5,789 lineal feet additional arch built.
- 2,636 cubic yards retaining and protection walls built.
- 22,889 cubic yards earth removed from top to the side embankments.
- 620 cubic yards stone quarried.

In the prosecution of this work on the exterior of the structure, defects and leaks are discovered of which the interior examination and inspection showed no signs. One of these leaks, near the Croton dam, was of such dimensions that the water had to be shut off for fourteen hours, on July 14, to repair

the bottom and sides, which were badly cracked. Where the Aqueduct crosses the "glen" at Yonkers, the new heavy protection walls have been completed, and a large culvert at Hastings has been extended, for the better protection of the embankment from freshets.

Sources of Supply.—The season has been so exceptionally dry that there were only seven days in the quarter when the natural flow of the Croton river was sufficient to fill the Aqueduct. The rain-fall for the three months was as follows:

	JULY.	AUGUST.	SEPTEMBER.	TOTAL.
	Inches.	Inches.	Inches.	Inches.
At Boyd's Corners Reservoir.....	5.65	3.60	2.69	11.94
At the Middle Branch Reservoir.....	5.49	4.05	2.16	11.70
At Kensico, on Bronx River.....	9.14	3.68	2.74	15.56

This shows a steady decrease of rain-fall since July.

The extraordinary drought of the present season continued nearly to the close of October. The following table shows the amount of rain-fall in each year since 1866, from January 1 to October 29; also the number of days when no water ran over the Croton dam:

YEAR.	INCHES OF RAIN-FALL FROM JANUARY 1 TO OCTOBER 29.	NUMBER OF DAYS FROM JANUARY 1 TO OCTOBER 29, WHEN NO WATER RAN OVER THE CROTON DAM.
1866.....	44.70	50
1867.....	45.05	0
1868.....	43.33	8
1869.....	39.97	80
1870.....	39.29	102
1871.....	42.00	37
1872.....	32.15	34
1873.....	36.05	116
1874.....	37.87	58
1875.....	37.49	71
1876.....	34.93	128
1877.....	36.35	136
1878.....	40.17	54
1879.....	39.33	80
1880.....	30.97	156

The table shows that the rain-fall of the present season has been from four to five inches less than in 1876 and 1877, which were years of extreme drought. The construction of the great reservoir on the middle branch of the Croton, and the purchase of the rights to draw water from various lakes, have enabled us to keep the aqueduct fully supplied, and to meet the extraordinary demand caused by an increase of population and general improvement of business during a season of great heat and unexampled drought, though the draft upon the lakes and reservoirs has been beyond all precedent. It is estimated by the Engineer, that the natural flow of the Croton river for a considerable time did not exceed twenty million gallons a day, leaving nearly four-fifths of the daily consumption to be supplied from the natural and artificial reservoirs.

The quantity of water drawn from the several lakes and reservoirs during the quarter, is as follows:

From Boyd's Corners Reservoir.....	1,290,000,000 gallons.
" Middle Branch Reservoir.....	2,250,000,000 "
" Lake Mahopac.....	400,000,000 "
" Lake Kirk.....	355,000,000 "
" Lake Gilead.....	200,000,000 "
" Lake Gleneida.....	93,000,000 "
" Barrett Pond.....	12,000,000 "
Total.....	4,600,000,000 gallons.

Work is in progress to improve the outlets of Lakes Mahopac and Kirk, and to deepen the channel of the Muscote river, which is the effluent of these lakes, so that a greater quantity of water may be drawn from them. Improvements have also been made at the outlet of Barrett Pond.

BRONX RIVER SUPPLY.

On the 4th of August bids were received for building the reservoir dam at Kensico, and for furnishing and laying the four-foot conduit pipe, from Wadsworth to Bronxville, a distance of 16,500 lineal feet. The lowest bids upon the estimated quantities were—

For the Reservoir Dam.....	\$199,568 00
For the Pipe Conduit.....	245,916 00

The proposal for the pipe conduit is still in the hands of the Comptroller for his approval of the sureties offered. The contract for the reservoir dam has been signed, and work upon it has been commenced.

The maps and searches of titles for the lands required for the reservoirs at Williamsbridge and at the Rye Ponds are completed. An engineer is employed in computing the damages to the mill privileges and water powers on the Bronx river that will result from diverting the water for the City's use.

Distributing System.—During the quarter the distribution of water was extended and improved by laying 28,308 lineal feet, or 5 3/4-100 miles of pipes, and setting 141 new fire hydrants. A new contract was made for furnishing 750 tons of pipes, and two contracts for laying 19,200 lineal feet of pipes.

The high service works are now furnishing nine million gallons of water daily, of which one and a half million gallons are pumped at High Bridge, and seven and a half million gallons at the new works at Ninth avenue and Ninety-eighth street. The necessary pipes have been laid and connections made to supply all the points south and west of the Central Park, which are sixty feet or more above tide water. The pipes for the additional high service supply east of the Park will soon be completed.

The appropriation for laying pipes in the Twenty-fourth Ward for the water supply furnished by the City of Yonkers has been consumed. This service now includes 17,859 lineal feet of pipes. In my departmental estimate for 1881 I have asked for a further appropriation of \$13,000 for this purpose.

Consumption of Water.—The consumption as well as the supply of water is affected by the quantity of rain-fall. In dry weather extra drafts are made upon the Croton service, and the supply at the source is diminished. In July and August, when the average rain-fall in the Croton valley was respectively 5.57-100 inches and 3.82-100 inches, we were enabled to increase the depth of water in the City reservoirs two feet, while in September, when we had only 2.42-100 inches of rain-fall, the depth of water was diminished seven inches.

Population, manufactures and commerce are increasing at a greater rate than for some years past, and the additional demands for water, without a corresponding increase of supply, must necessarily diminish the pressures in the delivery of the water.

To counteract this effect upon the distribution we must rely principally on the suppression of waste, the high service being necessarily limited to a comparatively small territory, embracing the elevated portions of the city. I have several times stated in my reports that the house inspections, the introduction of meters, and the direct and careful supervision of the supply along the water front, have produced very marked effects in the suppression of waste. That this is not a mere conjecture must be evident to every careful observer. Without these checks upon the unnecessary use of water a large part of the city would now suffer much inconvenience from diminished pressures.

Two or three years must yet elapse before the works for the Bronx river supply can be completed, and in the mean time the legitimate demands upon the water service will continue to grow. The further extension of the meter system is therefore an imperative duty and necessity. I have endeavored to make the compulsory use of meters as little objectionable as possible, and the comparatively small number of complaints on that score seems to show that this endeavor has not been in vain. The reduction of the meter rates from two cents to one cent per hundred gallons is fully justified by its effect in making the use of meters acceptable to consumers, and in a great saving of water, while the receipts of Croton water rents show that the revenue of the city will not be impaired.

The number of meters placed during the quarter is 970, and the total number in use on the 30th of September is 3,314.

The whole force of Inspectors has recently been employed in examining buildings south of Canal street, occupied for business purposes, and the Chief Engineer reports that water was found constantly running in at least half the urinals and closets. The Department will continue to place meters in all such buildings, and in stables as rapidly as possible.

The law authorizing the Department to compel the use of water-meters, prohibits their application to private dwellings, though it is well known that great waste takes place in such buildings from defective plumbing and neglect to close faucets at night. In the winter season, water is often purposely left running at night to prevent freezing in the pipes. I have, in previous reports, alluded to the waste-water gauge devised by Mr. B. S. Church, Resident Engineer of the Croton Aqueduct, for ascertaining the extent of waste going on at any house, by applying the instrument to the service-pipe near the curb-stone. In order to test the feasibility of the system, the necessary stop-cocks, etc., have been attached to the service-pipes in front of fourteen houses, in different parts of the city. From the observations made at these places, with the portable gauge during the night (from 12.30 A. M. to 3 A. M.), it was found that water was being wasted in several of these houses at the rate of from ten up to sixty gallons per hour, the average waste at the fourteen houses being about seventeen gallons per hour. Observations will be made during the coming winter, and I propose to apply the test as soon as possible to one hundred houses in different districts. A liberal and even abundant supply of water should be furnished by the city for domestic consumption, but waste from negligence and inferior and unprotected plumbing must be suppressed. The effect will be to improve the pressures which have been decreased by the rapid extension of water-mains to keep pace with the growth of the city.

BUREAU OF WATER PURVEYOR.

Pavements.

The progress of the work of repairing streets is in pleasing contrast with the delays and obstacles encountered in former seasons. At the close of the quarter six of the twelve contracts were finished, and the others were sufficiently advanced to insure their completion before the close of the season. The new pavement in Fulton street, from Broadway to the East River, is of granite blocks, laid on a foundation of concrete. This style of pavement has shown exceptional qualities of firmness and durability under the most severe traffic on Broadway, and has for that reason been selected for this part of Fulton street, where the traffic is hardly less severe. It will prove a valuable improvement to this important thoroughfare. The work has been well done, and though some inconvenience was felt by the partial interruption of business during its progress, the benefit to commerce will be of lasting advantage.

The following are the streets where the repavement has been completed :

- Front street, between Whitehall street and Old Slip.
 - Walker street, between Baxter street and West Broadway.
 - Tenth avenue, between Twenty-second and Thirty-first streets.
 - Gold street, between Frankfort and Liberty streets.
 - Forty-second street, between Second and Third avenues.
 - Twelfth street, between Fifth and Sixth avenues.
 - West street and Tenth avenue, between Eleventh and Fourteenth streets.
 - Fulton street, between Broadway and South street.
 - Seventh avenue, between Eleventh and Fourteenth streets.
 - Greenwich avenue, between Sixth and Eighth avenues.
 - Eleventh street, between Third and Fourth avenues.
 - Thirteenth street, between Eighth avenue and Gansevoort street.
 - Gansevoort street, from Thirteenth street to Twelfth avenue.
 - Twenty-first street, between First and Third avenues.
 - Jay street, between Hudson and West streets.
- New pavements, to be paid for by assessments on adjoining property, were laid in—
- Forty-second street, between First avenue and East river.
 - Forty-third street, between First avenue and East river.
 - Forty-seventh street, between Madison avenue and Harlem railroad.
 - Sixty-fifth street, between Eighth and Ninth avenues.
 - Seventy-sixth street, between Second and A avenues.
 - One Hundred and Fifteenth street, between Third and Fourth avenues.

The area of new pavements laid during the quarter is as follows :

Repavements.....	78,224 square yards
Assessment work.....	17,801 " "
Total.....	96,025 square yards

In July and August a force of over 300 workmen was employed in repairing pavements in all parts of the city, but in order to keep within the appropriation, the force had to be reduced about 100 men in September. The repairs of crosswalks have continued to receive special attention, and considerable improvement in their condition has been effected.

The pavements in the following streets were entirely relaid by contract, the best stone blocks taken from Fulton street being used to replace cobble and inferior Belgian blocks :

- Pearl street, between Broadway and Whitehall streets.
- William street, between Beaver and Broad streets.
- Moore street, between Pearl and South streets.
- Stone street, between William and Broad streets.
- Old Slip, between Pearl and South streets, covering an area of 8,341 square yards.

In my report for the second quarter of 1879 I published a draft of an ordinance requiring plumbers and others, when obtaining permits for opening street surfaces for the purpose of making or repairing house connections with sewers and water-pipes, to pay a certain sum for the restoration of the pavement and sidewalks over the excavations, and directing this department to make the restoration of the pavements and sidewalks, the expense to be paid out of the fund created by such payments. The necessity of such an ordinance had long been felt. As a rule the pavements over openings in the streets made by private individuals were replaced in an unworkmanlike and slovenly manner, and the result was a series of transverse ridges or depressions in every street where such excavations had been made. A similar ordinance had been in force in the City of Brooklyn for some years, with very beneficial results to the condition of the pavements and satisfaction to all parties.

The ordinance was at last adopted by the Common Council July 20th, and approved by the Mayor August 3d ultimo. To carry out its provisions, the following rules were established and promulgated by this Department :

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE—ROOM 19, CITY HALL,
NEW YORK, August 31, 1880.

Rules for the work required preparatory to restoring the pavement, curb and flagging, when disturbed under a permit from the Department of Public Works, in compliance with the following ordinance :

AN ORDINANCE to secure the proper repavement of streets, avenues, and places in the City of New York, after excavations for whatever purpose, except those directly authorized by law.

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

Section 1. It is hereby made the duty of the Commissioner of Public Works and the Commissioners of the Department of Public Parks, each in their respective jurisdictions, whenever granting a permit for any excavation, opening, or disturbance of the pavement of the carriageway of any street, avenue, or public place in the City of New York, or sidewalk thereof, except in cases where such opening, excavation, or disturbance shall be directly authorized by law, to require of the person or persons by whom or for whose benefit any excavation or opening is to be made for any purpose whatever, a deposit of such sum as shall be deemed sufficient to cover and pay all the expenses on the part of the Department of Public Works or of the Department of Public Parks, as the case may be, of furnishing such material, doing such work, and taking such means as shall be required to properly restore and secure against sinkage the street and sidewalk, pavement, curb and flagging necessary to be replaced in consequence of making such excavation, opening, or disturbance; which deposit shall be a full discharge of all liability and claim against the person or persons making such deposit and payment for the work herein provided for and required of the Department of Public Works and Department of Public Parks.

Sec. 2. The Commissioner of Public Works or the Commissioners of the Department of Public Parks shall deposit weekly with the City Chamberlain all moneys received under the first section hereof, an account of which moneys shall be kept separate and distinct from all other accounts and funds whatsoever by the Commissioner of Public Works and the Commissioners of the Department of Public Parks and the City Chamberlain, who shall receive the same as a "special fund" in respect to each Department separately which is hereby created and established, subject to such payments as are hereinafter provided for.

Sec. 3. Whenever any pavement, sidewalk, curb, or gutter in any street, avenue, or public place shall be taken up, it shall be the duty of the Commissioner of Public Works or Commissioners of the Department of Public Parks to restore such pavement, sidewalk, curb, or gutter to its proper condition as soon thereafter as is practicable, requiring the person or persons by whom or for whose benefit the same is removed to deposit the material composing the superstructure without breaking or injuring the same, and in a manner which will occasion the least inconvenience to the public, and to fill in any excavation made, and to leave the same properly packed, rammed, and prepared for the repaving required. And the said Commissioner of Public Works or the Commissioners of the Department of Public Parks are hereby authorized to establish such rules and regulations as in their judgment shall be deemed necessary for the purpose of carrying out the provisions of this ordinance.

Sec. 4. Such sums as shall be certified by the Commissioner of Public Works or the Commissioners of the Department of Public Parks to have been necessarily expended by him or them for any repaving done pursuant to this ordinance shall be paid from the special fund hereby created, upon the requisition of said Commissioner or Commissioners, as the case may be, after examination, audit, and allowance of the accounts by the Finance Department, in the same manner that payments are or shall be required by law to be made from the City Treasury, provided that the amount so certified and paid shall not exceed the aggregate amount of such special fund.

Sec. 5. This ordinance shall take effect on the 31st day of August, 1880.

Adopted by Board of Aldermen July 20, 1880.

Approved by the Mayor August 3, 1880.

No street or public place shall be opened for any work, within the jurisdiction of the Department of Public Works, as above mentioned, without the written permission of the Commissioner of Public Works. No permit shall be granted for such purpose, unless application therefor be made in writing, signed by a properly authorized person; such application to state the number, location and size of the openings to be made. No permit shall be deemed to authorize anything not stated in the application, and the applicant will be required to confine his work within such limits that the necessary work of repavement may be as small as possible.

Ten dollars (\$10) shall be charged for each opening for sewer connection.

Six dollars (\$6) shall be charged for each opening for repairing sewer connection.

Six dollars (\$6) shall be charged for each opening for water connection.

Four dollars (\$4) shall be charged for each opening for repairing water connection.

When an opening is to be made for any other purpose than water or sewer connection; or when the opening for any water or sewer connection is of extraordinary nature or extent, the Commissioner of Public Works shall fix such charge as he may deem sufficient for the purpose, as specified in the foregoing ordinance.

The pavement, flagging and curb, with the foundations, over the excavation to be made, shall be carefully removed to such place adjacent to the work as the Commissioner of Public Works shall direct.

The ground shall be excavated to the necessary width and depth in open trench. The sides of the excavation, whenever necessary, shall be supported by suitable planking and shoring, which are to be withdrawn, when required, as the work progresses; and all the work of excavation, making connection or repairs and refilling, must be prosecuted with as much vigor as is practicable.

When a line of water-main intersects the trench, any rock excavation within five feet of such main shall be removed without blasting, and the water pipe protected from any possible injury at the expense of the party holding the permit.

In refilling, the earth or sand shall be faithfully rammed, as the work progresses, in layers of not more than nine inches in thickness. The refilling, in all cases, shall be of good, clean loam, sand or gravel, free from stones of more than four inches in diameter, and not containing in any place stones in larger proportion than one part of stone to three of earth or loam. Under no circumstances will frozen earth be allowed in refilling.

After the trench is refilled to the proper height to receive the pavement, curb and flagging with the proper foundations, all surplus earth, stone or other material must be removed from the ground. The pavement, flagging and curb, and sand previously removed, are immediately thereafter to be laid down temporarily, so as to avoid the possibility of accident, and not to obstruct or hinder a free passage; and immediately after so doing, notice to that effect must be sent to the Department of Public Works.

Should there be any paving blocks, curb stones, flags or other materials injured or stolen, other like materials are to be furnished by the party to whom the permit is issued, to take the place of those so injured or stolen.

BUREAU OF REPAIRS AND SUPPLIES.

The principal repairs to public buildings during the three months, include the painting of the roofs of the Hall of Records and the brown stone Court-house; and repairing the brown stone work on the exterior of Centre Market. The building No. 31 Chambers street, having been leased for a term of five years by the Commissioners of the Sinking Fund, at an annual rental of \$12,000, is now being prepared for offices for the use of this Department. To make it suitable for this purpose, alterations are being made under the direction of the Department, at the expense of the owner of the building, to the amount of \$18,500. Any additional work required in the interior arrangements and the fitting up of the various rooms will be paid out of the appropriation for "Public Buildings, Construction and Repairs," and "Supplies for and Cleaning Public Offices." The building will be ready for occupancy about the middle of November. The rooms now occupied by this Department on the second floor of the City Hall, are assigned to the Marine Court, and this arrangement will bring all the several parts of that Court into that building.

FREE FLOATING BATHS.

The public baths were fully patronized during the bathing season, which extended from June 1st to October 15. At the opening of the season we had seven baths, and another was completed and placed in position early in July. The attendance for the entire season was as follows:

Table with 4 columns: Bath location, Males, Females, Totals. Rows include Bath at Fifth street, East river; Gouverneur street, East river; Nineteenth street; Thirty-seventh street; One Hundred and Twelfth street, East river; Battery; Bechune street, North river; Fifty-first street.

Bureau of Incumbrances.

The number of complaints against obstructions on streets and sidewalks received during the quarter is 716.

Notices to remove the obstructions were issued in each case, and in 168 cases the objects of complaint were seized and taken to the Corporation yard.

Stones and dirt amounting to 481 cart loads were removed from various streets.

The Bureau issued 1,741 permits to place building material on streets, 131 permits of miscellaneous character, and 358 notices to repair defective sidewalks.

The means and force at the disposal of the Bureau of Incumbrances are inadequate to enforce its directions and notices to keep the streets and sidewalks clear of obstructions, especially of movable articles. General obedience to the laws and ordinances in this respect and to the notices and directions of this Department can only be accomplished by the active co-operation of the police force. I intend to place this subject before you more fully in a special communication at an early day.

Bureau of Water Register.

The receipts for Croton water rents, penalties, and permits to tap Croton-pipes, were as follows:

Table with 2 columns: Item, Amount. Rows include For water rents, For penalties, For tapping pipes, Total.

Miscellaneous Receipts.

Table with 2 columns: Item, Amount. Rows include For permits to construct street vaults, For permits to make sewer connections, For redemption of articles seized as obstructions, For restoration of pavements and sidewalks over excavations, For sales of old materials at Corporation yard, For expenses of furnishing and setting meters, Total.

Very respectfully,

ALLAN CAMPBELL,

Commissioner of Public Works.

Document "A."

Showing Titles of Appropriations; Balances of 1879 on July 1, 1880; Requisitions of 1879, with Transfers in Third Quarter, 1880; Balances of 1879 on October 1, 1880; Appropriations, including Transfers of 1880; Requisitions, First Six Months of 1880; Requisitions, Third Quarter of 1880; Balances on October 1, 1880, Statement of a Special Account; and Titles of Trust Accounts, with their Condition on October 1, 1880.

Main table with 8 columns: Titles of Appropriations, Balances of 1879 on July 1, 1880, Requisitions on 1879 with Transfers in Third Quarter, 1880, Balances of 1879 on October 1, 1880, Appropriations, including Transfers of 1880, Requisitions, First Six Months of 1880, Requisitions, Third Quarter of 1880, Balances on October 1, 1880. Rows include Aqueduct-Repairs and Maintenance, Public Buildings, etc.

Special.

Restoring and Repaving—Special Account—Department of Public Works.

Totals: \$99,469 70, \$13,854 95, \$85,614 75, \$2,059,765 60, \$690,770 98, \$698,229 60, \$670,765 02

MEMORANDUM.—Amount drawn, Third Quarter 1880, on Liabilities of 1878—Repaving under Chapter 476, Laws of 1875, \$2,993.54

Table with 7 columns: 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 Six Months, 1880, Amounts of Requisitions, Third Quarter, 1880, Total Requisitions to October 1, 1880, Amounts to Credit, October 1, 1880. Rows include Croton Water Fund, Croton Water-main Fund, Street Improvements above Fifty-ninth street, etc.

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

Repairing and Renewal of Pipes, Stop-cocks, etc.—	
Cement	\$13 50
Coke	30 00
Gauge-cocks	412 50
Horse-feed	22 70
Horse-shoeing	25 13
Hydrant-boxes	1,265 00
Hydrant-covers	40 00
Hydrants	992 50
Lead	9 40
Meter-counters	200 00
Pay-rolls	15,345 63
Replacing pipe	16 50
Stop-cocks	650 00
Supplies	83 75
Tapping cocks	975 00
Tools	158 76
Traveling expenses	69 85
Total	\$20,310 22
Repairing and Renewal of Pipes, Stop-cocks, etc. (Salaries)—	
Pay-rolls	\$6,297 32
Repaving, under Chapter 476, Laws of 1875, for 1878—	
Second avenue, between Twenty-third and Forty-second streets, J. Pollock	\$2,993 54
Repaving, under Chapter 476, Laws of 1875, for 1879—	
Bridge stone	\$402 50
Flagging stone	2,062 50
Great Jones, Ninth, Seventeenth, and Nineteenth streets, Thos. Gearty	1,472 01
Mercer, Clarkson, and Fifteenth streets, Thos. Gearty	1,582 77
New and Church streets, etc., Thos. Gearty	1,805 70
Total	\$7,326 08
Repaving Streets and Avenues—	
Bridge stone	\$195 00
Pay-rolls	1,683 02
Seventh and Greenwich avenues, L. W. Johnson	6,362 30
Tenth avenue, between Twenty-second and Thirty-first streets, D. McGrath	23,688 78
Centre and Marion streets, J. G. Smith	19,393 22
Fletcher, between Pearl and South streets, Thos. Gearty	381 01
Front and Walker streets, J. G. Smith	16,349 97
Fulton street, etc., J. Everard	21,691 32
Gold, Forty-second, and Twelfth streets, J. Loomam	18,685 96
Hanover and Del'uyster streets, T. Gearty	477 22
Platt street, between William and Pearl, Thos. Gearty	507 60
West street and Tenth avenue, J. H. Perkins	23,261 25
Twenty-second street, between Sixth avenue and Hudson river, W. A. Cumming	12,746 05
Repaving repairs	4,753 95
Sand	2,275 00
Trucking stone	183 75
Total	\$152,635 40
Repaving Streets and Avenues (Salaries)—	
Pay-rolls	\$1,517 82
Repairs and Renewal of Pavements—	
Asphalt pavement	\$1,170 50
Bridge stone	4,326 72
Curbing	69 82
Pay-rolls	41,080 02
Repairing crosswalks	3,760 00
" pavements	588 60
" tools	658 90
" wagon	16 84
Sand	5,000 00
Trucking stone	323 70
Total	\$57,004 10
Restoring and Repaving—Special Fund—	
Restoring pavement	\$192 00
Roads and Avenues—Maintenance and Sprinkling—	
Lumber	\$98 79
Pay-rolls	4,951 07
Repairing tools	98 42
Stone chips	1,800 00
Tools	313 61
Traveling expenses	62 50
Total	\$7,224 39
Salaries—Department of Public Works—	
Pay-rolls	\$23,154 88
Sewers—Repairing and Cleaning—	
Brick and cement	\$123 50
Cement tester	150 00
Cleaning basins and culverts	2,100 00
Horse-keeping	84 00
Manhole heads and covers	203 58
Pay-rolls	7,994 72
Removing basin heads	7 00
Repairing basins	206 55
" culverts	36 00
" instruments	28 15
Supplies	19 30
Traveling expenses	213 35
Total	\$11,166 15
Sewers—Repairing and Cleaning (Salaries)—	
Pay-rolls	\$2,469 00
Sewerage System (Salaries)—	
Pay-rolls	\$3,776 28
Supplies for and Cleaning Public Offices—	
Bureau Repairs and Supplies	\$315 00
City Hall	264 96
City Prison	30 40
Court Common Pleas	25 50
" General Sessions	7 75
" Marine	22 50
" Superior	230 50
" 2d District Civil	62 63
" 3d	48 44
" 4th	21 75
" 5th	8 25
" 6th	7 89
" 7th	7 75
" 8th	16 32
" 9th	21 25

Supplies for and Cleaning Public Offices—	
Court 1st District Police	\$54 00
" 2d	27 50
" 3d	14 60
" 4th	5 25
Court-house, 3d District	69 95
" 7th	28 46
" 9th	28 60
" 10th	9 00
" New	482 24
Dog pound	90 24
Department of Finance	245 80
" Law	5 10
" Public Works	39 60
" Taxes and Assessments	8 00
Office of Commissioner of Jurors	2 70
" District Attorney	15 38
" Mayor	14 00
" Surrogate	105 90
No. 49 Beekman street	21 20
Pay-rolls	9,884 13
Total	\$12,242 54
Supplies for and Cleaning Public Offices (Salaries)—	
Pay-rolls	\$3,352 38
Supplying Water to Shipping and for Building Purposes (Salaries)—	
Pay-rolls	\$1,802 25
Water Supply for the Twenty-fourth Ward—	
Hydrants	\$242 00
Inspecting pipe	280 00
Laying pipe	1,161 45
Water	220 80
Total	\$1,904 25
Laying Croton Pipes—	
Cast-iron pipe	\$62,693 63
Demurrage on pipe	60 00
Hydrants	5,201 00
Laying—Elm and Washington streets	1,184 27
" Randal's Island, etc	7,236 07
" Ninth avenue, Eighty-first street, etc	2,352 75
Lead	517 05
Pay-rolls	9,642 91
Pipe-yarn	230 70
Stop-cocks, etc	7,911 65
Tools	72 00
Traveling expenses	46 19
Total	\$97,178 22
Wells and Pumps—Repairing and Cleaning—	
Repairing	\$74 73

RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance, etc.	\$83,228 41
" Salaries	4,706 48
Boulevard, Roads, etc.—Maintenance	16,650 03
" Salaries	1,319 97
Bridge across Fourth avenue at One Hundred and Sixteenth street, for 1879	2,300 28
Contingencies—Department of Public Works	589 34
Expense of Laying 4-foot Croton-mains	33,130 73
Expense of Regulating and Paving Fort Gansevoort Property, for 1879	2,102 05
Flagging and Fencing Vacant Lots, etc.	30 00
Free Floating Baths	1,404 57
" Salaries	12,423 50
Janitors, Civil and Police Courts—Salaries	2,438 70
Lamps and Gas	125,531 83
" Salaries	1,512 00
Laying Croton Pipes	97,178 22
Public Buildings—Construction and Repairs	9,285 27
Public Drinking Hydrants	2,192 05
Removing Obstructions in Streets and Avenues	826 80
" Salaries	557 99
Repairing and Renewal of Pipes, Stop-cocks, etc	20,310 22
" Salaries	6,297 32
Repairs and Renewal of Pavements	57,004 10
Repaving, under Chap. 476, Laws 1875, for 1878	2,993 54
" 1879	7,326 08
Repaving Streets and Avenues	152,635 40
" Salaries	1,517 82
Restoring and Repaving (Special)	192 00
Roads and Avenues—Maintenance and Sprinkling	7,324 39
Salaries—Department of Public Works	23,154 88
Sewers—Repairing and Cleaning	11,166 15
" Salaries	2,469 00
Sewerage System—Salaries	3,776 28
Supplies for and Cleaning Public Offices	12,242 54
" Salaries	3,352 38
Supplying Water to Shipping, etc.—Salaries	1,802 25
Water Supply for the Twenty-fourth Ward	1,904 25
Wells and Pumps—Repairing and Cleaning	74 73
Total	\$713,011 55

FUNDS AND TRUST ACCOUNTS.

CROTON WATER FUND.

Building dam	\$285 00
Cast-iron pipe	491 70
Cement	266 90
Commissioners' fees	17,040 00
Counsel fees	10,705 15
Damage for test pits	25 00
" draining water	150 00
Gates	32 45
Horse-keeping	157 38
Instruments	258 30
Land for reservoir, etc.	93,916 29
Lead	489 96
Lumber	67 76
Pay-rolls	9,906 71
Printing	638 45
Rent of mill seat	375 00
" offices	67 50
Repairing tools	135 06
Steel, etc	40 80
Stop-cocks	142 49
Supplies	41 00
Tools	25 50
Traveling expenses, etc.	267 02
Water privilege	280 55
Total	\$135,895 97

CROTON WATER-MAIN FUND, NO. 1.

Table with 2 columns: Description and Amount. Includes Horsekeeping, Pay-rolls, and Repairing and changing taps.

CROTON WATER-MAIN FUND, NO. 2.

Table with 2 columns: Description and Amount. Includes Building engine-house, platform, Horsekeeping, Laying mains, Lumber, Pay-rolls, Repairing pavement, Supplies, and Traveling expenses.

METER STOCK.

Table with 2 columns: Description and Amount. Includes Setting water-meters and Water-meters.

STREET IMPROVEMENT FUND.

Large table with 2 columns: Description and Amount. Includes Curb, Gutter and Flagging, Fencing Vacant Lots, Flagging, Paving, Receiving Basins, Regulating, Grading, etc., Retaining Wall, and Sewers.

Sewers—

Table with 2 columns: Description and Amount. Includes One Hundred and Twenty-seventh street, One Hundred and Twenty-ninth street, and One Hundred and Thirtieth street.

STREET IMPROVEMENTS ABOVE FIFTY-NINTH STREET.

Table with 2 columns: Description and Amount. Includes Eleventh avenue, between One Hundred and Fifty-fifth street and Kingsbridge road.

Morningside avenue, west—

Table with 2 columns: Description and Amount. Includes Pay-rolls.

RECAPITULATION OF TRUST ACCOUNTS AND FUNDS.

Table with 2 columns: Description and Amount. Includes Croton Water Fund, Croton Water-main Fund, Meter Stock, Street Improvement Fund, and Street Improvements above Fifty-ninth street.

GENERAL SUMMARY.

Table with 2 columns: Description and Amount. Includes Appropriations and Trust Accounts.

Contracts Completed during the Three Months ending September 30, 1880.

Table with 3 columns: DATE, TITLE, and COST. Lists various construction contracts with dates, descriptions, and costs.

RECAPITULATION.

Table with 2 columns: Description and Amount. Includes Sewer contracts, Paving contracts, Regulating, grading, etc., contracts, Repairing (under chapter 476, Laws of 1875) contracts, Fencing contracts, Fencing contracts, Miscellaneous contracts, and Superstructure.

Document "C."

Contracts made during the Three Months ending September 30, 1880.

Table with columns: DATE, TITLE, CONTRACTOR, SURETIES, ESTIMATED COST. Contains multiple rows of contract details for various engineering and construction projects.

RECAPITULATION.

Summary table of contract types and costs, including Sewer contracts, Regulating, grading, etc., contracts, Paving contracts, etc.

Document "D."

DEPARTMENT OF PUBLIC WORKS, OFFICE CHIEF ENGINEER, 11 1/2 CITY HALL, NEW YORK, September 30, 1880.

ALLAN CAMPBELL, Esq., Commissioner of Public Works:

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

Table listing various public works items and their costs, such as Aqueduct—Repairs, Maintenance, and Strengthening, Bridges across Fourth Avenue, etc.

STORAGE RESERVOIRS.

Water has been drawn from storage reservoirs and lakes during the whole quarter, except seven days in July.

Amount of Water Drawn during the Quarter.

Table showing water drawn from various reservoirs like Boyd's Corner Reservoir, Middle Branch Reservoir, etc., in gallons.

The Muscote river has been cleaned out for three miles through the worst swamps below the junction of the outlets of Kirk and Mahopac; these outlets have been more or less opened, and a force is now at work, deepening, widening, paving and walling the outlets of these lakes, so that a large amount of water can be drawn as required, from same, the city having acquired by commission and paid for full rights to the water of these lakes.

At Barret Pond the following work has been done: A new bulkhead of stone masonry. A pipe laid from same into the lake and the outlet pond and walled, making it complete and in first-class order as a storage reservoir; the necessary fences and cattle paths have also been made at the several farm lines on this pond between high and low water mark.

Rain-fall.

Table showing rainfall in inches for July, August, September, and Total for Boyd's Corners Reservoir, Middle Branch Reservoir, and Kensico Station.

This has been an unusually dry season, more water having been drawn from stored water than in any previous year to date, and for the year ending September 30, 1880, only 37 5/100 inches of rain fell in the Croton basin, being the least amount since 1866, except the year ending September 30, 1877.

BRONX RIVER SUPPLY.

The Commission for appraising the value of the lands and the damages to same for a reservoir at Kensico and for part of the conduit pipe-line, have viewed all the pieces of property required, and have had several sessions taking testimony in regard to same.

The maps showing the location of the balance of the conduit pipe-line from Hartsdale to Jerome avenue, the lands required for same for a reservoir at Williams ridge, and for a reservoir at Rye Ponds are about completed, the searches will be finished in a few days and then the maps will be filed.

Bids for the work for the dam and reservoir at Kensico and for the conduit pipe, between Woodlawn and Bronxville, was advertised and opened on August 4, 1880. The contract for the dam and reservoir has been awarded and signed, and the contractor is now putting up the necessary buildings for his force and opening a quarry.

The contract for the conduit pipe, owing to informalities in the proposals, has not as yet been signed.

The engineering force have been at work laying out the work advertised and preparing detail plans for same.

Land has been purchased of Harriet Davis (61 acres), which immediately adjoins the dam, and allows this Department to start the road work around the reservoir at Kensico.

An engineer has been appointed to make the necessary examinations as to the several water powers, mill privileges, water rights, etc., taken, or that may be damaged in diverting the waters of the Bronx river for a supply for the city, make the necessary calculations as to such rights and their values, and damages, preparatory to settling with the owners of same, or having the same appraised by a commission appointed by the Supreme Court.

LAYING CROTON PIPES.

One contract for furnishing water-pipes and two contracts for laying pipes have been made during the quarter.

Amount of Pipes laid during the Quarter.

Table showing the amount of pipes laid during the quarter, categorized by size (20-inch pipe, 12-inch pipe, etc.) and total length in lineal feet.

74 small hydrants placed. 67 large " "

The pumps and engines at the new high service works have steadily performed their work. The tests called for in the contract for same will be made next month. The contractor for engine-house tower, etc., has been building the tower around the stand-pipe, and will complete same in about a month. All of the district above 60 feet above city datum west and south of Central Park is now connected with the high service works.

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

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.	
Regulating, Grading, Curb, Gutter, and Flagging—										
Lexington avenue, Ninety-sixth street to Ninety-seventh street.....	Albert J. Riss.....	F. E. Towle.....	C. Flynn.....	50 days.	\$872 70	.....	.....	.....	.....
Sixty-sixth street, Eighth avenue to Boulevard.....	John Mulholland.....	F. M. Leonard.....	M. E. Siskman.....	300 "	14,372 76	\$4,827 00	\$1,448 10	\$3,378 90	.....
Seventieth street, Eighth avenue to Tenth avenue.....	John Brady.....	M. Lovell.....	J. J. Fitzgerald.....	300 "	18,305 00	9,500 00	2,850 00	6,850 00	.....
Seventy-third street, Third avenue to East river.....	Patrick Farley.....	W. V. Smith.....	J. Lawrence.....	300 "	40,237 00	10,891 00	3,268 20	7,623 80	.....
Ninety-fifth street, Lexington avenue to Fifth avenue.....	James Williams.....	F. E. Towle.....	E. Roach.....	100 "	7,114 50	4,972 50	1,491 75	3,480 75	.....
Ninety-seventh street, Eighth avenue to Boulevard.....	Albert J. Riss.....	Wm. M. Dean.....	John Shelley.....	170 "	14,162 50	.....	.....	.....	.....
Ninety-eighth street, Eighth avenue to Boulevard.....	Thomas L. Butler.....	".....	G. Cohen.....	150 "	8,242 50	.....	.....	.....	.....
One Hundred and First street, Ninth avenue to New avenue.....	Charles Devlin.....	".....	John Brophy.....	300 "	4,922 40	.....	.....	.....	.....
One Hundred and Second street, Fifth avenue to Harlem river.....	Joseph Walsh.....	M. A. Kellogg.....	M. J. Paicn.....	400 "	42,421 00	41,080 00	12,324 00	23,750 00	.....
One Hundred and Third street, First avenue to Fifth avenue.....	John C. Dowling.....	W. V. Smith.....	W. F. McManus.....	600 "	29,360 00	27,918 50	8,375 55	19,542 95	.....
One Hundred and Fourth street, Fourth avenue to Fifth avenue.....	Joseph F. Gallagher.....	".....	J. J. Finley.....	100 "	2,955 00	.....	.....	.....	.....
One Hundred and Fourteenth street, Tenth avenue to Morningside ave.	T. F. Curran & N. Rogers.....	Frank E. Towle.....	T. Browne.....	70 "	1,953 30	.....	.....	.....	.....
One Hundred and Twenty-fifth street, Manhattan street to Boulevard.	John Phelan.....	W. V. Smith.....	T. H. Kedney.....	450 "	17,911 47	.....	.....	.....	.....
Special Contracts.										
Flagging Sidewalks—										
Ninth avenue, Seventy-first street to Seventy-second street.....	M. Mahoney.....	F. E. Towle.....	.....	20 "	554 88	.....	.....	.....	.....
Sixty-third street, Ninth avenue to Tenth avenue.....	".....	H. V. M. Dennis.....	.....	20 "	153 00	.....	.....	.....	.....
Fencing Vacant Lots—										
Lexington avenue, Seventy-fifth to Seventy-sixth street.....	".....	E. E. McLean.....	.....	20 "	104 24	.....	.....	.....	.....
Seventy-third street, Ninth avenue to Tenth avenue.....	".....	J. E. Eustis.....	.....	20 "	170 66	.....	.....	.....	.....
Seventy-seventh street, Eighth avenue to Ninth avenue.....	".....	E. E. McLean.....	.....	20 "	238 12	.....	.....	.....	.....
Boulevard and Avenues—										
Eleventh avenue, One Hundred and Fifty-fifth st. to Kingsbridge road	M. Noonan.....	J. K. Choate.....	J. L. Florence.....	300 "	65,523 20	46,172 35	13,851 70	32,320 65	.....
					Total.....	\$269,884 23	\$145,364 35	\$43,609 30	\$101,755 05	

Statement showing the amount of Work done during July, August, and September, 1880.

Earth excavation, cubic yards.....	6,391
Rock excavation, cubic yards.....	15,456
Filling furnished, cubic yards.....	25,111.54
Cut-stone masonry, cubic yards.....	48
Rubble range masonry, cubic yards.....	508
Brick masonry, cubic yards.....	310
Pointing stone-work, square yards.....	434
Surfacing brick-work, lineal feet.....	100
Wrought-iron railing, lineal feet.....	999
Curb and gutter stone set, lineal feet.....	9,911.33
Curb-stones set, lineal feet.....	1,004
Flagging laid, square feet.....	16,019.24
Fence built, lineal feet.....	1,500 1/2

AMOUNT OF VOUCHERS DRAWN.

On account of Regulating, Grading, etc.....	\$54,511 77
" Boulevard and Avenues.....	4,554 84
" expenses of Grading, Paving, etc., Fort Gansevoort Property.....	2,162 05
" Salaries—Department of Public Works.....	234 00
" Contingencies—Department of Public Works.....	86 40
" Flagging Sidewalks and Fencing Vacant Lots in front of City Property..	30 00
" Street Improvements—For Street Signs, Monumenting, and Numbering of Streets.....	115 0
Total.....	\$61,694 06

APPROPRIATIONS.

Street Improvements—For Street Signs, Monumenting, and Numbering of Streets...	\$3,000 00
Liabilities.....	\$52 00
Amount of Vouchers drawn.....	115 00
Balance.....	\$2,833 00
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....	\$2,000 00
Amount of Vouchers drawn up to June 30.....	\$1,243 91
Amount of Vouchers drawn during last quarter.....	30 00
Balance.....	\$726 09
Expense of Grading, Paving, etc., Fort Gansevoort Property, 1879.....	\$25,000 00
Amount of Vouchers drawn in 1879.....	\$22,835 53
Amount of Vouchers drawn in 1880.....	2,162 05
Balance.....	2 42
	\$25,000 00

WORKS COMPLETED.

Retaining Walls, Arch, Steps, Railing, etc—	
Forty-second street, from First to Second avenue.....	\$45,929 90
Regulating, Grading, etc—	
Madison avenue, from Ninety-ninth to One Hundred and Fifth street	\$51,226 46
Sixty-eighth street, from Third avenue to East river, except between	2,809 94
First avenue and East river.....	54,036 40
Curb, Gutter, and Flagging—	
Seventy-sixth street, from Fourth to Madison avenue.....	677 73
Flagging—	
West side Fourth avenue, from Sixty-first to Sixty-fifth street.....	\$240 12
East side Fourth avenue, from Sixty-second to Sixty-fifth street.....	490 49
	730 61
Fencing Vacant Lots—	
West side Broadway, from Fifty-fifth to Fifty-sixth street.....	\$38 11
Northwest corner Ninth avenue and Seventy-fifth street, etc.....	242 18
Sixtieth street, from Tenth to Eleventh avenue.....	116 22
South side Sixty-ninth street, commencing 200 feet west of Tenth	180 50
avenue and extending to Eleventh avenue.....	577 01
Total.....	\$101,951 65

GEORGE A. JEREMIAH,
Superintendent of Street Improvements.

NEW YORK, September 30, 1880.

Document "G."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF SEWERS, ROOM NO. 21, CITY HALL,
NEW YORK, October 18, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—Please find inclosed a report of the transactions of the Bureau of Sewers for the quarter ending September 30, 1880.

Respectfully,

STEVENSON TOWLE, Engineer in Charge of Sewers.

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

Credit to General Fund—	
Amount received for 367 permits for sewer connections.....	\$8,636 18
Restoring and Repaving—Special Fund, Department Public Works—	
Amount received for 120 permits for street openings.....	\$1,169 00
Vouchers transmitted to the Commissioner of Public Works—	
For restoring pavements, etc.....	\$192 00
Of which the sum of \$97.00 was for restoring pavement, etc., over openings for water connections and repairs to water connections.....	\$95 00
Balance on hand September 30, 1880.....	1,074 00
	1,169 00
Engineers' Fees—	
Amount of Engineers' or Surveyors' fees assessed on property benefited—charged on Assessment Lists and credited to Street Improvement Fund.....	\$3,031 50
Contingencies—Department of Public Works—	
Vouchers transmitted to the Commissioner of Public Works.....	\$155 55
Transportation of Assistant Engineers, etc.....	155 55
Salaries—Sewers—Repairing and Cleaning—	
Unexpended balance, June 30, 1880.....	\$5,611 55
Vouchers transmitted to the Commissioner of Public Works—	
Pay-rolls of Inspectors, etc.....	\$2,469 00
Balance on hand September 30, 1880.....	3,142 55
	5,611 55
Sewers—Repairing and Cleaning—	
Unexpended balance June 30, 1880.....	\$20,917 36
Vouchers transmitted to the Commissioner of Public Works—	
Pay-rolls of Mechanics and Laborers.....	\$5,230 98
Thomas Barrington, cleaning basins, etc.....	2,100 00
Special repairs.....	242 55
Materials and sundries.....	856 88
Balance on hand September 30, 1880.....	12,486 95
	20,917 36
Salaries—Sewerage System—	
Unexpended balance June 30, 1880.....	\$9,485 06
Vouchers transmitted to the Commissioner of Public Works—	
Pay-rolls of Engineers, etc.....	\$4,040 25
Balance on hand September 30, 1880.....	5,444 81
	9,485 06
Street Improvement Fund—	
Vouchers transmitted to the Commissioner of Public Works.....	\$51,795 72
Pay-rolls of Engineers, etc.....	\$4,146 62
Pay-rolls of Inspectors on Sewers.....	4,041 00
On contracts for sewers.....	43,608 10
	51,795 72
Work done by Mechanics and Laborers, William Webb, Foreman—	
1,354 receiving-basins and culverts cleaned.	
4,785 linear feet of sewer cleaned.	
140 linear feet of sewer rebuilt.	
89 linear feet of culvert rebuilt.	
105 linear feet of spur-pipe laid.	
2 receiving-basins rebuilt.	
24 receiving-basins repaired.	
5 new basin heads and gutter stones put on.	
5 basin heads reset.	
4 new basin covers put on.	
1 manhole rebuilt.	
207 manholes repaired.	
183 manhole heads reset.	

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

- 25 new manhole heads and covers put on.
24 new manhole covers put on.
499 cubic yards of earth excavated and refilled.
121 square feet of sidewalk relaid.
12 square feet of crosswalk relaid.
16 linear feet of gutter stone relaid.
19 linear feet of new curb stone set.
447 square yards of pavement relaid.
2,825 cart loads of dirt removed.
Work done by Contract—
8,871 linear feet of sewer built.
751 linear feet of culvert built.
24 receiving-basins built.
Making the present total length of sewerage in the city 1,980,819 linear feet (375 15-100 miles), with 4,504 receiving-basins.

Document "H."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS, ROOM 19, CITY HALL,
NEW YORK, October 19, 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 transactions of the Bureau of Streets for the quarter ending September 30, 1880.
The principal roads, avenues, and unpaved streets in the upper part of the city have been maintained in a fair condition for travel, which is shown in detail by the examination of the following statements:

- Repairing Fifth avenue, from Ninety-eighth to One Hundred and Twenty-second street.
Repairing Eighth avenue, from One Hundred and Forty-fourth to One Hundred and Fifty-fifth street.
Repairing Ninth avenue, from Sixty-fourth to Sixty-fifth street.
Repairing Tenth avenue, from Eightieth to One Hundred and Twentieth street.
Repairing Eleventh avenue, from Sixty-fifth to Sixty-eighth street.
Repairing Depot lane, from Kingsbridge road to Hudson river.
Repairing Inwood street, from Kingsbridge road to Hudson river.
Repairing Farmers' Bridge road.
Repairing Sixty-fourth street, from Tenth to Eleventh avenue.
Repairing Sixty-fifth street, from Ninth to Twelfth avenue.
Repairing Sixty-sixth street, from Ninth to Eleventh avenue.
Repairing Sixty-seventh street, from Ninth to Eleventh avenue.
Repairing Eighty-first street, from Ninth avenue to Boulevard.
Repairing Eighty-second street, from Ninth avenue to Boulevard.
Repairing Eighty-third street, from Eighth avenue to Boulevard.
Repairing Eighty-fourth street, from Ninth to Tenth avenue.
Repairing Eighty-sixth street, from Eighth to Ninth avenue.
Repairing Eighty-seventh street, from Fourth to Fifth avenue.
Repairing Eighty-eighth street, from Fourth to Fifth avenue.
Repairing Eighty-ninth street, from Fourth to Fifth avenue.
Repairing Ninety-sixth street, from Tenth avenue to Boulevard.
Repairing One Hundred and First street, from Boulevard to Riverside drive.
Repairing One Hundred and Fourth street, from Lexington to Fifth avenue.
Repairing One Hundred and Ninth street, from Lexington to Fourth avenue.
Repairing One Hundred and Ninth street, from Boulevard to Tenth avenue.
Repairing One Hundred and Eleventh street, from Fourth to Fifth avenue.
Repairing One Hundred and Fifty-second street, from Boulevard to Hudson river.
Repairing One Hundred and Fifty-fourth street, from Eighth avenue to McComb's Dam road.
Repairing One Hundred and Fifty-fifth street, from Eighth avenue to McComb's Dam road.
Repairing One Hundred and Fifty-fifth street, from Ninth avenue to Avenue St. Nicholas.
Repairing Lexington avenue, from Eighty-fifth to Ninety-second street.
Refilled large holes on Kingsbridge road, at One Hundred and Sixty-fourth street.
Refilled large holes on One Hundred and Forty-eighth street and Eighth avenue.
Graveled upper end of Kingsbridge road.
Opened and rebuilt culverts on Kingsbridge road.

The following is a statement of the appropriation and expenditures of the Bureau for the quarter ending September 30, 1880:

Table with financial data: Amount appropriated for 1880: \$22,000 00; Expended for the first quarter: 1,702 18; Balance, April 1: \$20,287 82; Expended for the second quarter: 7,385 57; Balance, July 1: \$12,902 25; Amount expended for the quarter ending September 30, 1880: \$819 51; Morgan & Herrick, hardware: 313 61; William McDonald, limestone chips: 900 00; Church E. Gates & Co., lumber and spikes: 98 79; P. Daly, repairing tools, etc.: 98 42; James J. Mooney, traveling expenses: 62 50; Total: 7,324 75; Balance, October 1, 1880: \$5,577 50.

Respectfully,
JAMES J. MOONEY, Superintendent of Streets.

Document "I."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, October 12, 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 September 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 of the public lamps being eighty-one. 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 our Gas Examiner in the laboratories of this Department:

Table with 4 columns: OF WHAT COMPANY, SULPHURETTED HYDROGEN, SULPHUR (Grs. in 100 cu. ft.), AMMONIA (Grs. in 100 cu. ft.). Rows include New York Gas-light Co., Manhattan Gas-light Co., N. Y. Mutual Gas-light Co., Municipal Gas-light Co., Metropolitan Gas-light Co., Harlem Gas-light Co.

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 this Department:

Table with 4 columns: OF WHAT COMPANY, AVERAGE MAXIMUM PRESSURE, AVERAGE MINIMUM PRESSURE, WHERE TAKEN, DISTANCE FROM GAS-WORKS. Rows include New York Gas-light Co., Manhattan Gas-light Co., N. Y. Mutual Gas-light Co., Municipal Gas-light Co., Metropolitan Gas-light Co., Harlem Gas-light Co.

The following is the specific gravity of the gases:

- New York Gas-light Company, specific gravity, .640 to .656.
Manhattan Gas-light Company, specific gravity, .436 to .480.
N. Y. Mutual Gas-light Company, specific gravity, .740 to .808.
Municipal Gas-light Company, specific gravity, .637 to .662.
Metropolitan Gas-light Company, specific gravity, .540 to .605.
Harlem Gas-light Company, specific gravity, .430 to .474.

All of which is respectfully submitted,

S. McCORMICK, Supt. 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 September 30, 1880.

Large table listing expenses for various locations: Washington Market, Catharine Country Market, Catharine Meat Market, Fulton Meat Market, Fulton Country Market, Essex Market, Centre Market, Clinton Market, Union Market, Tompkins Market, Jefferson Market, First District Police Court, Second District Police Court, Third District Police Court, Fourth District Police Court, Fifth District Police Court, Court of Special Sessions, Second District Civil Court, Fourth District Civil Court, Fifth District Civil Court, Sixth District Civil Court, Eighth District Civil Court, Ninth District Civil Court, Clock Tower, Third District Court-house, Court Room, Brown Stone Building, New Court-house, City Hall, Receiver of Taxes' Office, Corporation Attorney's Office, Pipe Yard, Rivington street, Department of Building's Office, County Jail, South Gate House, Engineer of Boulevards' Office, Engine-house, High Bridge, Engine-house, Ninety-eighth street, Photometrical Room, Grand street, Photometrical Room, Seventy-ninth street, Armory, Fifth Regiment, Armory, Seventh Regiment, Armory, Eighth Regiment, Armory, Ninth Regiment, Armory, Eleventh Regiment, Armory, Twelfth Regiment, Armory, Twenty-second Regiment, Armory, Sixty-ninth Regiment, Armory, Seventy-first Regiment, Armory, Third Regiment, Cavalry, Armory, Separate Troop "A", Armory, Separate Troop "B", Armory, Battery "B", Armory, Battery "K", Public Bath, Battery, Public Bath, Gouverneur slip, Public Bath, Bethune street, Public Bath, Fifth street, East river, Public Bath, Nineteenth street, East river, Public Bath, Thirty-seventh street, East river, Public Bath, Fifty-first street, North river, Public Bath, One Hundred and Twelfth street, East river, Lighters of Public Markets, Pay-rolls, Cleaner of Photometrical Room, Pay-rolls, New lamp-posts, New lamp-posts, Twenty-third and Twenty-fourth Wards, New street lamps, New street lamps, Twenty-third and Twenty-fourth Wards, New boulevard lamps, New crossheads, New lamp-irons, New lamp-irons, Twenty-third and Twenty-fourth Wards, New lamp brackets, Glass street signs, Supplies for Photometrical Rooms, Iron bolts, Granite base, Cast-iron fenders, Traveling expenses, Photometrical Room, Grana street—Rent, Photometrical Room, Seventy-ninth street—Rent, Fitting up new lamps, Fitting up new lamps, Twenty-third and Twenty-fourth Wards, Resetting and repairing lamp-posts, Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards, Lighting public lamps, Lighting public lamps, Twenty-third and Twenty-fourth Wards. Total: \$124,721 79.

RECAPITULATION.

Summary table: Gas to public buildings: \$2,831 95; Supplies for public lamps, etc.: 6,103 44; Supplies for public lamps, Twenty-third and Twenty-fourth Wards: 836 25; Fitting up new lamps: 997 43; Fitting up new lamps, Twenty-third and Twenty-fourth Wards: 56 00.

Resetting and repairing lamp-posts.....	\$1,666 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	117 00
Lighting public lamps.....	78,812 59
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	33,301 13
Total.....	\$124,721 79

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
Amount of vouchers drawn during quarter ending September 30.....	124,721 79
Total.....	327,938 71

Balance against which no vouchers have been drawn..... \$168,061 29

LIABILITIES.

New York Gas light Co., lighting public lamps, month of September.....	\$4,831 61
Manhattan Gas-light Co., lighting public lamps, month of September.....	8,920 24
Metropolitan Gas-light Co., lighting public lamps, month of September.....	5,837 54
N. Y. Mutual Gas-light Co., lighting public lamps, month of September.....	1,324 88
Harlem Gas-light Co., lighting public lamps, month of September.....	6,865 87
Central Gas-light Co., lighting public lamps, month of September.....	6,601 35
Northern Gas-light Co., lighting public lamps, month of September.....	4,388 92
Yonkers Gas-light Co., lighting public lamps, month of September.....	182 50
J. L. Mott Iron Works, lamp cluster.....	57 00
Saulpaugh & Cochran, setting granite base.....	42 33
Hotchkiss, Field & Co., 75 lamp-posts.....	656 25
Bartlett Lamp Manufacturing Co., 250 square lamp-irons.....	162 50
Total.....	39,870 99

Balance available September 30..... \$128,190 30

EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas—For Salaries charged to, for 1880," showing the Balance against which no Vouchers have been drawn, for the Quarter ending September 30, 1880.

Amount appropriated for "Lamps and Gas—For Salaries charged to".....	\$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
Amount of vouchers drawn during quarter ending September 30.....	1,512 00
Total.....	4,524 00

Balance available September 30..... \$1,476 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 September 30, 1880.

NEW YORK GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	3,557
Number of new lamps lighted during the quarter.....	11
Number of old lamps relighted during the quarter.....	4
Less lamps discontinued during the quarter.....	3,572
Number of lamps burning September 30, 1880.....	4

MANHATTAN GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	6,807
Number of new lamps lighted during the quarter.....	21
Number of old lamps relighted during the quarter.....	4
Less lamps discontinued during the quarter.....	6,832
Number of lamps burning September 30, 1880.....	6

METROPOLITAN GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	4,292
Number of new lamps lighted during the quarter.....	44
Number of old lamps relighted during the quarter.....	5
Less lamps discontinued during the quarter.....	4,341
Number of lamps burning September 30, 1880.....	12

NEW YORK MUTUAL GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	1,045
Number of new lamps lighted during the quarter.....	1
Number of old lamps relighted during the quarter.....	1
Less lamps discontinued during the quarter.....	1,046
Number of lamps burning September 30, 1880.....	4

HARLEM GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	4,694
Number of new lamps lighted during the quarter.....	15
Number of old lamps relighted during the quarter.....	9
Less lamps discontinued during the quarter.....	4,718
Number of lamps burning September 30, 1880.....	12

CENTRAL GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	1,836
Number of new lamps lighted during the quarter.....	7
Number of old lamps relighted during the quarter.....	7
Less lamps discontinued during the quarter.....	1,843
Number of lamps burning September 30, 1880.....	2

NORTHERN GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	1,090
Number of new lamps lighted during the quarter.....	1,090
Number of old lamps relighted during the quarter.....	1,090
Less lamps discontinued during the quarter.....	1,090
Number of lamps burning September 30, 1880.....	1,090

YONKERS GAS-LIGHT COMPANY.	
Number of lamps burning June 30, 1880.....	73
Number of new lamps lighted during the quarter.....	73
Number of old lamps relighted during the quarter.....	73
Less lamps discontinued during the quarter.....	73
Number of lamps burning September 30, 1880.....	73

Total number of lamps burning September 30, 1880..... 23,475

RECAPITULATION.

Number of lamps burning June 30, 1880.....	23,394
Number of new lamps lighted during the quarter.....	98
Number of old lamps relighted during the quarter.....	23
Total.....	121
Less lamps discontinued during the quarter.....	23,515
Total number of lamps burning September 30, 1880.....	40
Total.....	23,475

EXHIBIT "E."

Statement giving the Illuminating Power of the Gas supplied by the several Gas-light Companies, during the Quarter ending September 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.			MUNICIPAL GAS CO.			N. Y. MUTUAL GAS CO.			METROPOLITAN GAS CO.			MANHATTAN GAS CO.			HARLEM GAS CO.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July 3.....	22.87	23.91	23.51	23.24	25.54	24.13	26.30	28.21	27.33	20.60	22.30	21.36	18.07	20.70	19.32	18.22	19.36	18.80
" 10.....	22.30	24.80	24.01	23.21	25.10	24.35	25.81	27.62	26.90	20.06	21.75	21.34	18.41	18.87	18.64	17.68	18.33	18.03
" 17.....	22.14	25.27	23.14	22.35	25.17	23.33	27.49	23.70	28.05	20.40	21.26	20.89	18.12	19.31	18.60	17.86	18.64	18.16
" 24.....	23.10	25.27	24.31	25.03	27.03	26.45	26.11	29.17	27.08	19.34	20.54	20.11	18.33	19.28	18.80	17.81	18.20	18.04
" 31.....	22.92	24.68	23.75	27.63	28.14	28.01	26.09	28.88	27.99	21.61	20.87	20.28	18.42	19.60	19.07	16.81	18.10	17.88
Aug. 7.....	20.68	21.54	22.90	27.20	28.68	28.07	26.09	27.61	26.87	20.28	21.67	20.91	18.58	19.53	19.02	17.31	18.33	17.89
" 14.....	22.91	26.48	23.67	27.34	28.78	28.15	27.07	28.62	27.66	20.70	21.21	20.95	18.16	19.76	19.31	17.63	18.46	18.08
" 21.....	23.94	27.86	25.12	27.42	28.24	27.82	25.51	23.14	22.95	20.30	22.34	21.32	19.05	20.25	19.35	18.00	18.30	18.19
" 28.....	21.01	24.90	24.09	27.88	29.40	28.39	25.60	27.79	26.50	19.00	21.64	20.80	16.11	21.08	20.15	18.13	18.32	18.17
Sept. 4.....	23.87	25.38	24.35	27.40	29.34	28.22	25.83	28.22	26.82	20.16	20.99	20.71	18.04	19.66	18.91	17.91	18.45	18.20
" 11.....	23.81	24.30	24.17	28.22	29.34	28.57	27.72	29.23	28.39	20.63	21.20	20.60	19.40	20.25	19.71	18.47	18.91	18.69
" 18.....	23.45	25.29	24.33	27.81	29.39	28.38	26.42	28.00	27.07	20.10	22.38	21.10	18.54	19.60	19.04	18.10	18.78	18.41
" 25.....	22.28	25.97	24.50	27.33	28.90	27.88	27.14	29.53	21.61	21.50	22.27	21.95	18.60	19.91	19.41	18.54	19.87	18.96

Distance from Gas Works.....	2 1/2 Miles.	3 1/2 Miles.	1 1/2 Miles.	3 1/2 Miles.	1 1/2 Miles.	1 1/2 Miles.
Testing burner.....	Bray's Slit Union No. 7.	Bray's Slit Union No. 7.	Bray's Slit Union No. 7.	Bray's Slit Union No. 6.	Empire, 5 feet.	Empire, 5 feet.
Gas.....	{ Water gas (Tessie du Motay).	{ Water gas (Tessie du Motay).	{ Pine wood and naphtha.	{ Coal and naphtha.	{ Coal gas.	{ Coal gas.

Document "J."

CITY OF NEW YORK—DEPARTMENT OF PUBLIC WORKS, BUREAU OF REPAIRS AND SUPPLIES, SUPERINTENDENT'S OFFICE, CITY HALL, ROOM 18, NEW YORK, October 7, 1880.

ALLAN CAMPBELL, Esq., Commissioner of Public Works:

SIR In compliance with your request, I submit a report of the transactions of this Bureau for the three months ending September 30, 1880.

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

The larger operations during the quarter were: repairing the brown stone on Centre Market fronts; painting roofs of Hall of Records and Brown Stone Building No. 32 Chambers street; painting and kalsomining the walls and ceiling of last-mentioned building; altering and improving ventilation of prisoners' box in Court of General Sessions, and improving sanitary plumbing in County Jail.

Respectfully,

THOMAS KEECH, Superintendent Repairs and Supplies.

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 July 1 to September 30, 1880, inclusive.

COURTS, BUILDINGS, DEPARTMENTS, ETC.	Supplies for and Cleaning Public Offices.	Public Buildings—Construction and Repairs.	Free Floating Baths.	Supplies for and Cleaning Public Office—for Salaries Charged to.	Free Floating Baths—for Salaries Charged to.	Salaries of Janitors of Civil and Police Courts.	TOTALS.
First District Police Court.....	\$59 70	.....	.....	.....	.....	.....	\$59 70
Third " " " ".....	14 60	.....	.....	.....	.....	.....	14 60
Fourth " " " ".....	5 25	.....	.....	.....	.....	.....	5 25
Fifth " " " ".....	4 00	.....	.....	.....	.....	.....	4 00
Second District Civil Court.....	50 13	.....	.....	.....	.....	.....	50 13
Fourth " " " ".....	21 75	.....	.....	.....	.....	.....	21 75
Fifth " " " ".....	8 25	.....	.....	.....	.....	.....	8 25
Sixth " " " ".....	7 89	.....	.....	.....	.....	.....	7 89
Seventh " " " ".....	7 75	.....	.....	.....	.....	.....	7 75
Eighth " " " ".....	59 82	.....	.....	.....	.....	.....	59 82
Ninth " " " ".....	21 25	.....	.....	.....	.....	.....	21 25
Superior Court.....	230 50	.....	.....	.....	.....	.....	230 50
Marine " " " ".....	22 50	.....	.....	.....	.....	.....	22 50
Court of Common Pleas.....	25 50	.....	.....	.....	.....	.....	25 50
Court of General Sessions.....	7 75	.....	.....	.....	.....	.....	7 75
Court of Special Sessions.....	15 20	.....	.....	.....	.....	.....	15 20
New Court-house.....	482 24	\$1,731 05	.....	.....	.....	.....	1,614 29
Third District Court-house.....	97 45	132 52	.....	.....	.....	.....	229 97
Fifth " " " ".....	90 55	.....	.....	.....	.....	.....	90 55
Seventh " " " ".....	83 46	80 50	.....	.....	.....	.....	163 96
Ninth " " " ".....	28 60	.....	.....	.....	.....	.....	28 60
Tenth " " " ".....	9 00	.....	.....	.....	.....	.....	9 00
Centre Market.....	.....	1,349 37	.....	.....	.....	.....	1,349 37
Fulton " " " ".....	.....	271 86	.....	.....	.....	.....	271 86
Tompkins " " " ".....	.....	105 75	.....	.....	.....	.....	105 75
Ess. x " " " ".....	.....	15 97	.....	.....	.....	.....	15 97
Clinton " " " ".....	.....	722 75	.....	.....	.....	.....	722 75
Executive Department.....	17 50	.....	.....	.....	.....	.....	17 50
Department of Public Works.....	43 60	.....	.....	.....	.....	.....	43 60
Bureau Repairs and Supplies, Department of Public Works.....	300 00	425 37	.....	.....	.....	.....	725 37
Bureau Repairs and Supplies, Department of Public Works, Pay-rolls.....	9,884 13	474 00	.....	\$3,352 38	.....	\$1,800 00	15,510 51
Finance Department.....	215 80	.....	.....	.....	.....	.....	215 80
Law " " " ".....	26 30	.....	.....	.....	.....	.....	26 30
Commissioner of Juror's Office.....	2 70	.....	.....	.....	.....	.....	2 70
District Attorney's Office.....	15 38	.....	.....	.....	.....	.....	15 38
Surrogate's Office.....	134 55	.....	.....	.....	.....	.....	134 55
City Hall.....	204 96	143 33	.....	.....	.....	.....	408 29
Crown Stone Building.....	1,990 20	.....	.....	.....	.....	.....	1,990 20
Hall of Records.....	82 80	.....	.....	.....	.....	.....	82 80
County Jail.....	193 49	.....	.....	.....	.....	.....	193 49
City Arsenal.....	1,019 64	.....	.....	.....	.....	.....	1,019 64
49 Beechman Street.....	91 14	.....	.....	.....	.....	.....	91 14
31 Chambers Street.....	14 15	.....	.....	.....	.....	.....	14 15
Dog Pound.....	5 75	.....	.....	.....	.....	.....	5 75
Seventy-first Regiment.....	92 24	.....	.....	.....	.....	.....	92 24
Free Floating Baths.....	.....	473 00	.....	.....	.....	.....	473 00
Total.....	\$12,293 50	\$8,813 44	\$1,404 57	\$3,352 38	\$9,554 75	\$1,800 00	\$37,218 64

EXHIBIT "B."

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

Table with 3 columns: TITLE OF APPROPRIATION, NUMBER OF VOUCHERS, AMOUNT. Rows include Supplies for and Cleaning Public Offices, Public Buildings—Construction and Repairs, Free Floating Baths, Salaries of Janitors of Civil and Police Courts, and Totals.

EXHIBIT "C."

Showing the Condition of Appropriations upon which Vouchers have been drawn, from July 1 to September 30, 1880, inclusive.

Table with 3 columns: TITLE OF APPROPRIATION, NUMBER OF VOUCHERS, AMOUNT. Rows include Supplies for and Cleaning Public Offices, Public Buildings—Construction and Repairs, Free Floating Baths, and Supplies for and Cleaning Public Offices—For salaries charged to—.

Document "K."

DEPARTMENT OF PUBLIC WORKS, BUREAU OF INCUMBRANCES, ROOM 13, CITY HALL, NEW YORK, October 9, 1880.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR - I submit herewith report of this Bureau for the quarter ending September 30, 1880 (months of July, August, and September). Number of complaints received, and notices issued therefor, against obstructions and incumbrances on streets and sidewalks. 716

Respectfully, JOSEPH BLUMENTHAL, Superintendent.

Document "L."

BUREAU OF WATER REGISTER, ROOM NO. 10, CITY HALL, NEW YORK, October 1, 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 September 30, 1880.

Table with 4 columns: Month, Principal, Penalties, Taps. Rows for July, August, September, and Total.

Table with 2 columns: Month, Amount. Rows for Deposited to the credit of Special Meter Stock: June, July, August, September, and Total.

"Restoring and Repaving" (Special Fund): Repairing streets and sidewalks, September. \$818 00

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

POLICE DEPARTMENT.

The Board of Police met on the 3d day of December, 1880. Present—Commissioners French, Mason, and Smith.

Leaves of Absence Granted.

Patrolman Theodore Miller, Ninth Precinct, five days, without pay. " James C. Montgomery, Twelfth Precinct, two days, without pay.

Parade referred to the Superintendent.

Polish Independent Sharpshooters, December 5. Funeral.

Death Reported.

Patrolman Robert Stevenson, Steamboat Squad, at 11.30 A. M., 1st instant.

N. Y. SUPREME COURT.

The people, ex rel. John Johnston, against The Board of Police. Writ of Certiorari.

Referred to the Council to the Corporation for proper action. Communication from the Superintendent, transmitting a check for \$100, received from Sixth Avenue Railroad Company for the Police Pension Fund, was referred to the Treasurer to pay over to said Fund.

Commissioner Nichols here entered. Application of Patrolman John Tennis, Twenty-second Precinct, for promotion, was referred to the Superintendent to cite for examination.

Application of John J. Kavanagh, for appointment as patrolman, was ordered on file. The following applications for detail were referred to the Superintendent: Patrolman John McCormick, Seventh Precinct.

" James Reardon, Seventh Precinct. Communication from Wm. R. Grace, Mayor-elect, asking information in regard to the business of the Police Department, was referred to the Chief Clerk to answer.

On reading and filing a communication from J. A. Dinkey, it was resolved, that the resolution passed on the 30th ultimo, directing the Property Clerk to deliver a gold watch to Jane Clark, be and is hereby reconsidered.

Resolved, that whenever the Board shall be satisfied as to the ownership of the watch taken from Jane Clark and claimed by J. A. Dinkey, the Property Clerk be directed to deliver the same to the owner.

Resolved, that the following bill be approved, and the Treasurer authorized to pay the same—all aye: Charles F. Field, steamboat. \$300 00

Resolved, that the bill of the Gold and Stock Telegraph Co., for election returns, as per agreement, amounting to \$75, be and is hereby referred to the Comptroller for payment.

James A. Lucas appeared before the Board and submitted a statement; whereupon the following preamble and resolution were adopted—all voting aye:

Whereas, Notice was served upon James A. Lucas that his services were no longer required on account of physical disability; it is

Resolved, that for the reasons aforesaid, and in pursuance of the Statute in such case made and provided, James A. Lucas be and is hereby removed from the office of Telegraph Operator; and that his name be dropped from the pay-roll of the Department.

Judgments—Dismissal.

Patrolman John Burns, Eighteenth Precinct.

Fines Imposed.

- Patrolman James Collins, Fourth Precinct, one day's pay. " Michael E. Giroux, Fourth Precinct, two days' pay. " George W. Blunk, Seventh Precinct, one day's pay. " John S. Patterson, Seventh Precinct, one day's pay. " Andrew Kelly, Eleventh Precinct, three days' pay. " Joseph R. Kettner, Eleventh Precinct, three days' pay. " Jefferson Deevy, Twelfth Precinct, ten days' pay. " James J. Connor, Fourteenth Precinct, half day's pay. " James Fahey, Twenty-first Precinct, two days' pay. " Lawrence McGovern, Twenty-first Precinct, half day's pay. " Bernard O'Rourke, Twenty-first Precinct, half day's pay. " Bernard Reilly, Twenty-first Precinct, half day's pay. " William Walsh, Twenty-first Precinct, one day's pay. " Anthony J. Parret, Twenty-third Precinct, half-day's pay. " Theodore A. Moritz, Twenty-third Precinct, one day's pay. " James Mackey, Twenty-seventh Precinct, half day's pay. " James Coyne, Twenty-eighth Precinct, one day's pay. " Isaac Evans, Twenty-ninth Precinct, half-day's pay.

Reprimands by Inspector.

Table with 4 columns: Name, Precinct, Name, Precinct. Rows include Patrolman John Crean, Edward Flood, John Maguire, John Henly, George W. Kiernan, James Gaffney, Patrolman John Dickey, Dennis McCarthy, Dennis Cronin, Alfred Anderson, David Martin, William Gonigle.

Complaints Dismissed.

Table with 4 columns: Name, Precinct, Name, Precinct. Rows include Patrolman Charles S. Baker, James Collins, William Darke, David H. Jackson, John B. Hintzinger, Joseph Coughlin, John S. Patterson, Henry Hersche, Charles L. Albertson, Robert K. Hart, Jacob M. Hendricks, Patrick H. Ryan, Frederick Gilmore, Patrick Masterson, Patrick Masterson, Doorman Samuel McCamman, Patrolman George A. Whitley, Patrolman David H. Taylor, Hugh O'Rourke, James C. Flood, Cornelius D. Westbrook, Robert Dunlop, Philip Farley, Cornelius J. McCarthy, Cornelius J. McCarthy, Lawrence McGovern, Francis Secore, Peter Clarkin, John Kelly, Henry Crezier, Henry A. Kennedy, John W. Campbell, Richard Barrett.

S. C. HAWLEY, Chief Clerk.

The Board of Police met on the 6th day of December, 1880. Present—Commissioners French, Nichols, and Mason.

Resolved, that the following transfers be ordered: Patrolman John Conovan, from Thirty-first Precinct to Fourth Precinct. " Michael Brooks, from Twenty-second Precinct to Sixteenth Precinct.

Application of Sophia Latham, widow of late Patrolman George Latham, for pension, was referred to the Committee on Pensions. Adjourned.

SECOND MEETING.

DECEMBER 6, 1880.

Present—Commissioners Nichols, Mason, and Smith.

Resolved, that the pay-rolls of the Bureau of Street Cleaning for the month of November, 1880, amounting to \$41,920.58, as per schedule, be and are hereby ordered to be paid by the Treasurer—all aye.

Adjourned.

S. C. HAWLEY, Chief Clerk.

BUREAU OF VITAL STATISTICS.

REPORTED MORTALITY* for the week ending November 27, 1880, together with the ACTUAL MORTALITY for the week ending November 20, 1880.

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

SIR—There were 638 deaths reported to have occurred in this city during the week ending Saturday, November 27, 1880, which is an increase of 92, as compared with the number reported the preceding week, and 81 more than were reported during the corresponding week of the year 1879. The actual mortality for the week ending November 20, 1880, was 607, which is 150.6 above the average for the corresponding week for the past five years, and represents an annual death-rate of 26.16 per 1,000 persons living, the population, according to the last U. S. Census, being 1,206,577.

Table showing the Reported Mortality for the week ending Nov. 27, 1880, and the Actual Number of Deaths each day, from the Principal Causes, with the Ages of Decedents, for the week ending Nov. 20, 1880.

Main table with columns for METEOROLOGY, CAUSES OF DEATH, AGE BY YEARS, and SEX. Includes sub-tables for 'ACTUAL NUMBER OF DEATHS EACH DAY DURING THE WEEK ENDING SATURDAY, NOVEMBER 20, 1880' and 'Total Actual Mortality during the week ending November 20, 1880'.

* Refers to the number of death certificates received.
† One case was that of an immigrant who arrived at Quarantine, November 7, 1880, on steamship "Castali," and died at Riverside Hospital.
‡ This person was an immigrant who arrived at Quarantine, on bark "King's County," November 1, 1880, and died at Riverside Hospital.

DEATHS FROM ZYMOTIC DISEASES. NEW YORK—DEATHS FROM SMALL-POX, MEASLES, SCARLATINA, DIPHtheria, CROUP, WHOOPING COUGH, TYPHOID FEVER, TYPHUS FEVER, MALARIAL FEVER, PUERPERAL FEVER, ALL DIARRHOEAL DISEASES, CEREBRO-SPINAL FEVER, OTHER ZYMOTIC DISEASES, AND OTHER ZYMOTIC DISEASES. Actual Mortality during the Week ending November 20, 1880.

Very respectfully submitted,

JOHN T. NAGLE, M. D., Deputy Register of Records.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DAILY MEETINGS, NOVEMBER 22 TO 27, 1880.

Communications Received.

From Penitentiary— List of prisoners received during week ending November 20, 1880: Males, 34; females, 11. On file. List of 34 prisoners to be discharged, from November 23 to December 4, 1880. Transmitted to Prison Association. From New York City Asylum for Insane, Ward's Island—History of 7 patients received during week ending November 20, 1880. On file. From Lunatic Asylum, Blackwell's Island—History of 11 patients received during week ending November 20, 1880. On file. From City Prison—Amount of fines received during week ending November 20, 1880, \$142. On file. From his Honor the Mayor, transmitting resolution No. 900 of Board of Aldermen, relative to furnishing coal to out-door poor.

Proposals.

Resolved, That the proposals of R. A. Lanning to furnish 7,395 pounds chickens, at 10 1/4 cents per pound; J. M. Evans, 6,535 pounds turkeys, at 11 97-100 cents per pound; —be accepted, and the awards made to them, their sureties having been approved by the Comptroller. Adopted. Resolved, That the proposal of Hollister & Co. to furnish 15,000 barrels flour, No. 1, at \$5.74 per barrel, 1,000 barrels flour, No. 2, at \$5.59 per barrel, less 16 cents per empty barrel returned, —be accepted, and the contract awarded to them, their sureties having been approved by the Comptroller. Adopted. Resolved, That the proposals of R. M. Masterton to furnish 15,000 lbs. brown sugar, at 6 30-100 cents per lb.; W. D. Hare & Co., 15,000 eggs, at 24 97-100 cents per dozen; D. D. Mangum, 250 bags fine meal, at \$1.28 per bag; G. P. Trigg & Co., 250 quintals codfish, at \$3.93 per quintal; Schlutz & Southwick, 250 sides sole leather, at 20 29-100 cents per lb; Duryee & Ludlam, lumber for new boiler-house at Penitentiary, for \$108.25; —be accepted, and the awards made to them. Adopted. Resolved, That the stallion known as "Kildare," also, a black horse at Central Office stable, and one dark brown horse at Blackwell's Island, be sold at public auction, as they are of no further use to this Department. Adopted.

Appointments.

- November 22. Michael McKenna, Attendant, New York City Asylum for Insane. 23. Louis A. Adams, Attendant Lunatic Asylum. 23. Thomas Mallin, Attendant, New York City Asylum for Insane. 23. Mary E. Kitchell, Attendant, Branch Lunatic Asylum. 23. John Hurley, Keeper, Branch Work-House. 27. Geo. Hill, Cook, Homoeopathic Hospital. 27. Ann Hill, Laundress, Homoeopathic Hospital.

Resignations.

- November 22. Nelson Boyce, Apothecary, New York City Asylum for Insane. 23. Catharine White, Attendant, Branch Lunatic Asylum.

Dismissals.

- November 22. Margaret Macdonald, Attendant, Lunatic Asylum. G. F. BRITTON, Assistant Secretary.

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 EYBERS, 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. Bureau of Sewers. No. 21 City Hall, 9 A. M. to 4 P. M. STEVENSON TOWLE, Engineer-in-Charge. Bureau of Chief Engineer. No. 11 1/2 City Hall, 9 A. M. to 4 P. M. GEORGE W. BIRDSALL, Chief Engineer. Bureau of Street Improvements. No. 11 City Hall, 9 A. M. to 4 P. M. FORGE A. JEREMIAH, Superintendent. Bureau of Repairs and Supplies. No. 18 City Hall, 9 A. M. to 4 P. M. THOMAS KEECH, Superintendent. Bureau of Water Purveyor. No. 4 City Hall, 9 A. M. to 4 P. M. DANIEL O'REILLY, Water Purveyor. Keeper of Buildings in City Hall Park. JOHN F. SLOPER, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office. Nos. 19 and 20 New County Court-house, 9 A. M. to 4 P. M. JOHN KELLY, Comptroller; RICHARD A. STORIS, 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 CADY, Clerk of Arrears. Bureau for the Collection of Assessments. No. 16 New County Court-house, 9 A. M. to 4 P. M. EDWARD GILON, Collector. Bureau of City Revenue. No. 6 New County Court-house, 9 A. M. to 4 P. M. EDWARD F. FITZPATRICK, Collector of City Revenue. Bureau of Markets. No. 6 New County Court-house, 9 A. M. to 4 P. M. OSHUA M. VARIAN, Superintendent of Markets.

LAW DEPARTMENT

Office of the Counsel to the Corporation. Staats Zeitung Building, third floor, 9 A. M. to 5 P. M. Saturday, 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. VINCENT C. KING, President; CARL JUSSEN, Secretary. Bureau of Chief of Department. ELI BATES, Chief of Department. Bureau of Inspector of Combustibles. PETER SEERY, Inspector of Combustibles. Bureau of Fire Marshal. GEORGE H. SHELDON, Fire Marshal. Bureau of Inspection of Buildings. WM. P. ESTERBROOK, Inspector of Buildings. Office hours, Headquarters and Bureaus, from 9 A. M. to 4 P. M. (Saturdays to 3 P. M.)

Fire Alarm Telegraph. J. ELLIOT SMITH, Superintendent of Telegraph. Repair Shops. Nos. 128 and 130 West Third street. JOHN McCABE, Captain-in-Charge, 8 A. M. to 5 P. M. Hospital Stables. No. 199 Christie street. DEDERICK G. GALE, Superintendent of Horses.

HEALTH DEPARTMENT.

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

DEPARTMENT OF PUBLIC PARKS

No. 36 Union square, 9 A. M. to 4 P. M. JAMES F. WENMAN, President; EDWARD P. BARKER, Secretary. Civil and Topographical Office. Arsenal, 64th street and 43rd avenue, 9 A. M. to 5 P. M. Office of Superintendent of 23rd 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 STORR, 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. PRYER 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.

COUNTY CLERK'S OFFICE.

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

DISTRICT ATTORNEY'S OFFICE.

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

THE CITY RECORD OFFICE,

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

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 HAFFEN, BERNARD KENNEY, Committee on Public Works.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

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

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR FURNISHING and laying Submarine Telegraph Cables, will be received by the Board of Commissioners of the Department of Public Charities and Correction, at the office of said Department, No. 66 Third Avenue, New York City, until 9 o'clock A. M., of December 15, 1880. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, which envelope shall be indorsed 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, to the head of said Department, at 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. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation. The contract, if awarded, will be awarded as soon as practicable after the opening of the bids, to the bidder whose proposal or bid, considering the price, quality, and durability of the cables which he offers to lay, will, in the opinion of the said Department, be most advantageous to the city. But the Department will reject all bids or estimates received if it shall deem it for the interest of the city to do so, and may readvertise until a satisfactory proposal or estimate shall be received. And the contract, when awarded, will be awarded to the lowest bidder for the particular kind of Cable which is or shall be adopted by the said Department. The entire work to be completed within thirty (30) days after award of contract. The following is a statement, as near as possible, in advance, of the quantity and quality of the supplies and nature and extent of the work required, to wit: Three Submarine Telegraph Cables to be furnished and laid, in all about 2,500 feet in length, viz.: From at or near the foot of East Fifty-sixth street, New York, to Blackwell's Island, about 1,250 feet; From at or near the foot of East One Hundred and Twenty-second street, New York, to Randall's Island, about 650 feet; and From Randall's Island across Little Hell Gate to Ward's Island, about 600 feet.

The Cables are to be Submarine Cables of three conducting wires, each consisting of not less than four No. 19 Copper Wires twisted. The insulation to be not less than nine thirty-eighths of an inch in diameter, with bedding of woven binding and hemp, tarred, and arm r to be of not less than fifteen No. 5 Galvanized Iron Wires, spirally laid. The weight of the cables to be about 8,200 pounds to the mile.

The Cables to be furnished with proper and sufficient cable boxes, posts, connections with the land lines, lightning arresters, keys, and sounders.

The amount in which security is required for the performance of the contract is Two Thousand Dollars.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any collusion or fraud; and that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof or Clerk thereof, 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 will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract shall be awarded 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 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 let as provided by law.

Bidders are cautioned to examine the specifications for particulars of the work, etc., require, before making their estimates.

Bidders will state a price per linear foot for furnishing and laying and in all respects completing Cables, by which price the bids will be tested. This price is to include the furnishing, setting, and placing of all the cable-boxes, the posts therefor, the lightning arresters, the keys and sounders, the connections with the land lines, and all the latest improvements.

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.

The form of the agreement, including specifications, will be furnished at the office of the Department.

Dated New York, December 2, 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, November 30, 1880.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the rights 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 Work-house, Blackwell's Island—William Durelle, aged 49 years. Committed November 7, 1880. Nothing known of his friends or relatives.

At Hart's Island Hospital—Hugh McCabe; aged 40 years; 5 feet 7 inches high; dark hair and eyes. Had on when admitted dark coat and pants, shoes. Nothing known of his friends or relatives.

Alice Green; aged 53 years; 5 feet 2 inches high. Had on when admitted old cloak, skirt, dress, shoes. Nothing known of her friends or relatives.

By Order, G. F. BRITTON, Assistant Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION, No. 66 THIRD AVENUE, New York, November 29, 1880.

NOTICE IS HEREBY GIVEN THAT ONE (1) stall on and two (2) horses will be sold to the highest bidder, for cash, at Nos. 110 and 112 East Thirteenth street, on Friday, December 10, 1880, at 12 o'clock M., by Van Tassel & Kearney, auctioneers. TOWNSEND COX, THOMAS S. BRENNAN, JACOB HESS, Commissioners.

THE CITY RECORD.

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

BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN BY THE BOARD of Street Opening and Improvement of the City of New York, in accordance with a resolution of said Board, passed the 30th day of November, 1880, to all persons that may be interested in the widening of Gansevoort street on the north side, from Washington street to West Thirteenth street, and the widening of West Thirteenth street on the south side, from Gansevoort street to Eighth avenue, that a meeting of said Board of Street Opening and Improvement will be held at the Mayor's Office at 3 o'clock P. M., on Wednesday, the 8th day of December, 1880, to hear any and all objections to the widening of the same.

Dated New York, December 1, 1880. EDWARD COOPER, Mayor. JOHN KELLY, Comptroller. ALLAN CAMPBELL, Commissioner of Public Works. JAMES F. WENMAN, President of the Department of Public Parks. JOHN J. MORRIS, President of the Board of Aldermen. RICHARD J. MORRISON, Secretary.

POLICE DEPARTMENT.

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

PUBLIC NOTICE.

SEALED ESTIMATES FOR BUILDING A Station-house, Lodging-house, and Prison on Elizabeth street, in the City of New York, will be received at the Central Office of the Department of Police, in the City of New York, until ten o'clock A. M., of Tuesday, the 14th day of December, 1880.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimate for building a Station-house, Lodging-house, and Prison," 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 estimates received will be publicly opened by the head of said Department and read.

The nature and extent of the work to be done, as near as it can be stated, is as follows: The building of a Station-house, Lodging-house, and Prison on the lot belonging to the Corporation of the City of New York, on the west side of Elizabeth street, 100 feet south of Canal street, New York City, to consist of two buildings, one 50 feet by 62 feet 4 inches, of brick, with granite and marble trimmings, four stories and basement high, and covered with a flat roof and galvanized iron cornice, and the other 50 feet by 21 feet 8 inches, of brick, blue stone, and iron, two stories and basement high, and covered with a flat tin roof.

All the old buildings, walls, and other materials now on the lot are to be removed by the Contractor, and shall be his property. And bidders, in making their estimates, will consider the value of such materials.

For further particulars reference must be made to the plans and specifications on file in the office of the Chief Clerk of the Department.

The Police Department reserves the right to reject any or all estimates not deemed beneficial or satisfactory. No 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 her bond, with two sufficient sureties, in the penal sum of twenty thousand dollars.

Each estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The 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 will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, and herein stated, 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 the 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 relet as provided by law.

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 December, 1880.

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

POLICE DEPARTMENT OF THE CITY OF NEW YORK, PROPERTY CLERK'S OFFICE, ROOM No. 39, No. 300 MULBERRY STREET, NEW YORK, December 8, 1880.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, Room No. 39, 300 Mulberry street, for the following property now in his custody without claimants: Bats, iron, rope, male and female clothing, gold and silver watches, boots, shoes, trunks and contents, lace, trimmings, canton flannels, corks, cigars, etc.; also small amount of money found and taken from prisoners by Patrolmen of this Department.

C. A. ST. JOHN, Property Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK, PROPERTY CLERK'S OFFICE, ROOM No. 39, No. 300 MULBERRY STREET, NEW YORK, November 9, 1880.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, Room No. 39, 300 Mulberry street, for the following property now in his custody without claimants: Bats, iron, rope, male and female clothing, gold and silver watches, boots, shoes, trunks and contents, lace, trimmings, needles, billiard balls, coffee, etc.; also small amount of cash found and taken from prisoners by patrolmen of this Department.

C. A. ST. JOHN, Property Clerk.

FIRE DEPARTMENT.

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 I. GORMAN, Treasurer, CORNELIUS VAN COTT, Commissioners CARL JUSSER, Secretary

JURORS.

NOTICE IN RELATION TO JURORS FOR STATE COURTS

OFFICE OF THE COMMISSIONER OF JURORS, NEW COUNTY COURT-HOUSE, NEW YORK, July 1, 1880.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 9 to 4 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.

Persons who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only) under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attendance paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed (interference permitted). The fines, received from those who, for business or other reasons, are unable to serve at the time selected, pay the expenses of this office, and of unpaid will be entered as judgments upon the property of the delinquents.

All good citizens will aid the course of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States and District Court jurors are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

THOMAS DUNLAP, Commissioner, County Court-house (Chambers street entrance)

SUPREME COURT.

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 One Hundred and Eighth street, from Fifth avenue to the bulkhead line, Harlem 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 a house 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 Rufus F. Andrews, Esq., our Chairman, at the office of the Commissioners, No. 317 Broadway, in the City of New York, on or before the 3d day of January, 1881, and that we, the said Commissioners, will hear parties so objecting within the ten week day next after said 3d day of January, 1881, and for that purpose will be in attendance at said office on each of said ten days, at 2 o'clock in the afternoon.

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 3d day of January, 1881.

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

Commencing at a point on the easterly side of Fifth avenue, distant one hundred feet and eleven inches southerly from the outer line of One Hundred and Eight street, and running thence easterly and always at one hundred feet and eleven inches from the said southerly side of One Hundred and Eighth street to the bulkhead line of the Harlem river; thence northerly along said bulkhead line to a point which would be a continuation of a line parallel to One Hundred and Eighth street, and distant one hundred feet and eleven inches northerly from the northerly side thereof; thence westerly, along said line parallel to One Hundred and Eighth street, and distant one hundred feet and eleven inches from the northerly side thereof, to the easterly side of Fifth avenue; thence southerly along the easterly side of Fifth avenue to the place of beginning, excepting therefrom all the avenues, streets and roads within said boundaries.

Fourth.—That our report hereon 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 18th day of January, 1881, 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, November 22, 1880. RUFUS F. ANDREWS, CHARLES H. HASWELL, ALLEN J. CUMING, Commissioners.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees of the Twelfth Ward, at the Hall of the Board of Education, corner of Grand and Elm streets, until Monday, the 13th day of December, 1880, and until 4 o'clock P. M., on said day, for the Furniture required for the new house of Grammar School No. 72, on Lexington avenue, between One Hundred and Fifth and One Hundred and Sixth streets.

Plans and specifications may be seen at the Office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

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

Two responsible and approved sureties, residents of this city, are required in all cases.

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

DAVID H. KNAPP, ANDREW L. SOULARD, GERMAIN HAUSCHILD, GEORGE W. DEBEVOISE, CHARLES CRARY, Board of School Trustees, Twelfth Ward.

EXECUTIVE DEPARTMENT.

MAJOR'S OFFICE, NEW YORK, November 1, 1880.

NOTICE IS HEREBY GIVEN THAT THE DOG Pound at the foot of Sixteenth street, East river, which was designated on the ninth day of June, 1880, as the place of reception for dogs captured pursuant to the ordinance approved June 1, 1877, will be closed on November 2, 1880, and all authority given by me to capture dogs pursuant to said ordinance will cease on that date.

EDWARD COOPER, Mayor.

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, on or before November 1, 1880.

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 12, 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.

FINANCE DEPARTMENT.

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

NOTICE TO PROPERTY-HOLDERS.

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

- CONFIRMED AND ENTERED NOV. 27, 1880, as follows: 70th street, flagging, south side, between Madison and 5th avenues. 40th street, paving, between 2d and 3d avenues. 100th street, regulating and grading, between 4th and Madison avenues. 81st street, regulating, grading, etc., between 8th and 9th avenues. 10th avenue, crosswalks, at 152d street. Lexington avenue, crosswalks, north and south sides of 125th street. 5th and Madison avenue, fencing vacant lots, 72d and 73d streets. Avenue A, fencing vacant lots, northeast corner 68th street. 75th and 80th streets, fencing vacant lots, Madison and 5th avenues. 8th avenue, west, fencing vacant lots, 107th and 115th streets. 8th avenue, east, fencing vacant lots, 110th and 115th streets. 110th street, fencing vacant lots, 7th avenue and New avenue, etc. 76th street, fencing vacant lots, Lexington and 4th avenues. 125th street, fencing vacant lots, southwest corner 5th avenue. 50th street, south side, fencing vacant lots, 5th and 6th avenues. 57th street, south side, fencing vacant lots, 2d and 3d avenues. 72d street, north and south sides, fencing vacant lots, 9th and 10th avenues. Boulevard J, west side, fencing vacant lots, 72d and 74th streets. 1st avenue, fencing vacant lots, southwest corner 61st street. Baver street, basin at junction of Pearl street. Jane street, basin at northeast and southeast corners 13th avenue. Front, Montgomery street, and Northeast corner. South, Montgomery street, Basin, northwest corner. 132d street, sewer, 7th avenue, 300 feet west 7th avenue. Lexington avenue, sewer, 104th and 105th streets. 58th street, sewer, between 1st and 2d avenues. 11th street, sewer, between 4th and Madison avenues. 6th and 70th streets, sewer, between 2d and 3d avenues. Lexington avenue, sewer, between 72d and 73d streets. 64th street, sewer, between 8th avenue and Boulevard. 60th street, sewer, between Boulevard and 9th avenue. Cliff's street, sewer, between Beekman and Ferry streets. Mt. Morris avenue, sewer, between 123d and 124th streets. Sylvan Place, sewer, between 120th and 121st streets. All payments made on the above assessments on or before February 2, 1881 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, BUREAU FOR THE COLLECTION OF TAXES, 32 CHAMBERS STREET, NEW YORK, December 1, 1880.

NOTICE TO TAX-PAYERS.

ALL PERSONS WHO HAVE OMITTED TO PAY their taxes for the year 1880, are hereby notified, as required by law, to pay the same to the Receiver of Taxes at his office, on or before the 1st day of January, 1881.

One per cent. will be collected on all taxes paid before the 15th day of December, instant; two per cent. on all taxes paid on and after that date, and in respect to the rate of twelve per cent. per annum, computed from the 25th of October last (the day on which the assessment rolls and warrants were delivered to the Receiver), on all taxes remaining unpaid on and after the said 1st day of January, 1881.

No money will be received after 2 o'clock, P. M. Office hours from 8 A. M. to 2 P. M.

MARTIN T. MCMAHON, Receiver of Taxes.

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, No. 32 CHAMBERS STREET, NEW YORK, November 1, 1880.

NOTICE TO TAX-PAYERS.

NOTICE IS HEREBY GIVEN TO ALL PERSONS who have omitted to pay their taxes for the year 1880, to the Receiver of Taxes, that unless the same shall be paid to him at his office before the 1st day of December next, one per cent. will be collected on all taxes remaining unpaid on that day, and one per cent. in addition thereto on all taxes remaining unpaid on the 15th day of December next.

No money will be received after 2 o'clock, P. M. Office hours from 8 A. M. to 2 P. M.

MARTIN T. MCMAHON, Receiver of Taxes.

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 axes 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, eight 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 NOTIFIED that the following assessment list was received this day in this Bureau for collection:

- CONFIRMED APRIL 16, ENTERED APRIL 24, 1880. Opening of— 150th street, from the westerly line of Kingsbridge road to the easterly line of 11th avenue. 127th 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 on 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 two per cent. per annum is due and payable on the amount of said sales for taxes 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.

Grantors, grantees, suits in equity, insolvents' and Sheriffs' sales, in 61 volumes, full bound, price \$100 00 The same, in 25 volumes, half bound, " " " 50 00 Complete sets, folded, ready for binding, " " " 15 00 Records of Judgments, 22 volumes, bound, " " " 10 00 Orders should be addressed to "Mr. Stephen Angell, Comptroller's Office, New County Court-house."

JOHN KELLY, Comptroller.