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DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1884.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,
NO. 31 CHAMBERS STREET,
NEW YORK, November 20, 1884.

Hon. FRANKLIN EDSON, Mayor :

SIR—In accordance with section 49 of the New York City Consolidation Act of 1882, I have the honor to transmit the following report of the transactions of this Department for the quarter ending September 30, 1884 :

SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation.....	\$730,066	61
On account of Assessment Fund for street improvements.....	253,940	12
On account of Funded Debt, for improvement and extension of water supply.....	222,504	04
On account of Special Fund, for restoring pavements over street openings.....	8,842	00
On account of Revenue Bonds, for furnishing and setting water-meters.....	6,699	85

Total.....\$1,222,052 62

Expenditures for Nine Months ending September 30, 1884.

Appropriation Account.....	\$1,681,155	41
Assessment Fund.....	686,287	98
Funded Debt—Watersupply.....	720,296	80
Special Fund—Restoring pavements.....	15,961	50
Revenue Bonds—For water-meters.....	22,510	83

Total.....\$3,125,312 52

SUMMARY STATEMENT OF CONTRACTS.

Contracts entered into during the Quarter.

23 paving contract, estimated cost.....	\$241,040	81
17 sewer contracts, estimated cost.....	88,276	35
4 regulating and grading contracts, estimated cost.....	220,021	34
1 contract for water-pipes, estimated cost.....	3,816	51
11 miscellaneous contracts, estimated cost.....	73,089	02
8 contracts under \$1,000 each.....	1,485	00

64 contracts, total estimated cost.....\$627,729 03

Contracts completed during the Quarter.

10 paving contracts, cost.....	\$152,490	47
18 sewer contracts, cost.....	213,648	42
6 regulating and grading contracts, cost.....	64,900	60
4 miscellaneous contracts, cost.....	26,369	97

38 contracts, total cost.....\$457,409 46

BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

Sources of Water Supply.

The following table shows the rain-fall for the three months at the several stations where rain-gauges are kept by the Department :

	JULY. INCHES.	AUGUST. INCHES.	SEPTEMBER. INCHES.	TOTAL. INCHES.
At Boyd's Corners Reservoir, Croton Valley.....	6.54	4.50	1.69	12.73
At South East Reservoir, Croton Valley.....	5.96	6.91	1.35	14.22
At Croton Dam, Croton Valley.....	5.87	8.32	1.59	15.78
At Kensico Reservoir, on Bronx river.....	5.92	5.83	0.59	12.32
At Central Park Reservoir.....	3.85	7.97	0.23	12.05

The abundant rain-fall in July and August filled the two storage reservoirs and the lakes, from which 520,000,000 gallons of water had been drawn in June, but early in September dry weather set in, and by the 15th of September the natural flow of the Croton river fell below the amount required to keep the Aqueduct running to its full capacity, making it necessary to draw again upon the stored water. The amount drawn to the close of the quarter is as follows :

From Boyd's Corners Reservoir.....	250,000,000	gallons.
From South East Reservoir.....	240,000,000	"
From Lake Mahopac.....	100,000,000	"
From Lake Gilead.....	30,000,000	"
From Lake Gleneida.....	40,000,000	"

The Aqueduct.

The extra work for the reinforcement and improvement of the structure during the quarter comprises the following items :

- 2,240 cubic yards earth excavated.
- 900 cubic yards stone quarried.
- 2,500 cubic feet cut-stone masonry built.
- 1,310 cubic yards rubble and dry masonry built.
- 282 cubic yards concrete and brick masonry built.
- 2,330 lineal feet fences built.

There has been no interruption in the delivery of a full supply of water through the Aqueduct.

Bronx River Supply.

On the 4th of September the laying of the conduit-pipe for bringing this supply into the city was completed. It consists of 15 1-5 miles of 48-inch pipes, from the collecting reservoir at Kensico to the receiving reservoir at Williamsbridge, and 2 1-12 miles of 36-inch pipes around the latter reservoir, and thence to Jerome avenue, where it connects with the distributing pipes for supplying the Twenty-third and Twenty-fourth Wards, and with the pipe which connects with the Aqueduct to carry the surplus supply not required north of the Harlem river to the Central Park Reservoir.

The water was at once introduced into the conduit, in order to test it. The test showed two breaks, which occurred in rock cuttings, and were evidently caused by concussion from blasting after the pipes had been covered. They were repaired as early as practicable, and on the 9th of September, 5,000,000 gallons of water per day was received.

Two days later, the flow through the conduit was increased to 10,000,000 gallons per day, and this rate has since been maintained. The effect of this addition to the water supply of the city is shown by the following facts: Early in September the consumption of water was so much in excess of the supply which the Aqueduct was capable of furnishing that the water in the city reservoirs was drawn down from two to two and one-half inches per day. From the time the Bronx river supply was introduced, to the 30th of September, the depth of water in the new or large reservoir in Central Park was increased three feet; in the old or smaller reservoir eleven feet; and in the Forty-second street reservoir, eight feet.

At the same time the head or pressure of water in the distributing pipes throughout the city was increased an average of eight feet in height, and there is no doubt that an average increase of pressure of twelve feet will be secured as soon as the dry season, which has prevailed for some time, is past. I deem it proper to repeat, and place on record in this report, being one of the regular quarterly reports of the Department, a portion of my letter to you of September 19th ultimo, announcing the introduction of water from the Bronx river, as follows :

Considering the limitation of appropriation available each year, and the delays incidental to the legal proceedings for acquiring the necessary lands, water rights, etc., the work has been done with exceptional promptitude.

The last proceeding for the acquisition of land was not consummated until January, 1884. The introduction of this additional supply though comparatively small, and greatly inadequate to the needs of the city, will probably enable the Department to furnish water to every part of the city at all times, while keeping a full reserve supply in the city reservoirs. For several years past the full supply from the Aqueduct was not adequate to do this, it being necessary in times of extreme heat or cold, to draw down the reserve in the city reservoirs in order that no portion of the city should be without water, and thus expose the city to the danger of complete exhaustion of supply in case of accident to the Aqueduct. It is not expected that the additional supply of 10,000,000 gallons per day will result in much, if any, appreciable increase of pressures throughout the city, and such advantages and benefits as it will afford will gradually be diminished by the growing demands for water consequent upon increase in population, manufactures and commerce. But it will avert incalculable injury to the industries, commerce and health of the community, which without it, would certainly ensue before the new Aqueduct is finished. I deem it an imperative duty on this occasion to convey to the people through you the solemn warning that all the benefits and advantages to be derived from the new supply will be destroyed if they consider themselves at liberty, in consequence of it, to indulge in lavish use of water. Such indulgence would inevitably plunge the city into the perils of an inadequate water supply. Mr. George W. Birdsall, the First Assistant Engineer of the Croton Aqueduct, who has had special direction of the works, deserves credit for the promptitude and success with which the project has been carried on.

Although we will have a continuous supply from the Bronx river, since it is introduced, the works are not finished.

The construction of the receiving reservoir at Williamsbridge was not begun until last June, and some finishing work remains to be done on two sections of the conduit line and on the collecting reservoir at Kensico. However, in order to derive the entire benefit from the Bronx and Byram river system, as projected by my predecessor, Commissioner Allan Campbell, it is necessary to take measures at once to secure the supply from the Byram river. The Department is prosecuting such measures with all practicable diligence.

The following are the principal quantities of work done during the quarter, under the several contracts for the Bronx river works :

- 6,525 cubic yards rock excavation.
- 25,922 cubic yards earth excavation.
- 62,110 cubic yards embankments built.
- 2,496 cubic yards stone, brick and concrete masonry built.
- 3,536 cubic yards dry stone-wall built.
- 282 lineal feet fence walls built.
- 2,440 lineal feet 48-inch pipe laid.
- 1,460 lineal feet 36-inch pipe laid.
- 40 lineal feet 12-inch pipe laid.
- 1,459 lineal feet 6-inch pipe laid.
- 11 stop-cocks set.
- 5 hydrants set.
- 96,258 feet, B. M., timber furnished.
- 1,000 tons pipes and castings furnished.
- 8,691 lbs. wrought-iron furnished.

Distribution of Water.

Contracts have been completed for laying water mains in
One Hundred and Fortieth street, between Third and Morris avenues.
One Hundred and Forty-first street, between Ryder and Morris avenues.
One Hundred and Thirty-fifth street, between Sixth and Seventh avenues.
One Hundred and Fiftieth street, between St. Nicholas and Tenth avenues.
The total amount of pipes laid under the several contracts is :

- 12,693 lineal feet of 12-inch pipe.
- 7,325 lineal feet of 6-inch pipe.

Total 20,018 lineal feet of pipe, with 100 stop-cocks and 75 fire-hydrants.

Contracts were made for the necessary pipes, hydrants, stop-cocks, service-pipes, etc., for replacing the pipes along the water front in South and West streets, which have become corroded by contact with salt water, and this work is now in active progress.

The work of restoring the connections between the Forty-second street reservoir and the distributing system is also progressing rapidly.

Measures to Suppress Waste of Water.

During the quarter, 718 additional water-meters were placed, making a total of 10,836 meters in use on September 30. The Inspectors on waste of water made 3,238 night examinations in sewers, detecting 334 places at which water was wasted through the house connections at the rate of from one to five gallons per minute between the hours of midnight and 6 A. M. The Inspectors also made 7,001 house inspections, resulting in the detection of 2,118 leaks in plumbing and water fixtures, and 180 cases of willful waste in leaving faucets open.

About the first of September the necessary work and arrangements for the use of waterphones on the service-pipe on each of the houses in Forty-fifth, Forty-sixth, Forty-seventh, and Forty-eighth streets, between Fifth and Sixth avenues, were completed. Sufficient time has not yet elapsed to obtain the exact result of the use of these instruments, but enough has been ascertained to show that the saving in the use of water in these blocks is at least twenty per centum. This clearly demonstrates the fact, so repeatedly stated in the reports of the Department, that large waste of water occurs in private houses through defective plumbing and through lavishness. As the feasibility of checking this waste to a large extent is proved, it is only necessary to give the Department sufficient means for carrying out the proper measures for suppressing waste to the extent which is required to maintain an efficient supply of water in every part of the city.

BUREAU OF WATER PURVEYOR.

Pavements.

During the quarter, an average force of 421 pavers, rammers and laborers and 89 carts was employed in repairing pavements throughout the city. Forty permits were issued to citizens to make repairs of pavements at their own expense.

The re-pavement of the following streets has been completed.

Thirty-Ninth street, Broadway to Sixth avenue.

Twelfth street, Sixth avenue to Fourth street.

Jane street, Greenwich avenue to Hudson street.

Mulberry street, Spring to Houston street.

Bond street, Bowery to Broadway.

Fourth street, Avenue D to Lewis street.

Clinton street, Division to Houston street.

Cliff street, Hague to Frankfort street.

Baxter street, Canal to Grand street.

Oak street, Catharine to Pearl street.

Clarke street, Broome to Spring street.

Minetta street, Minetta Lane to Bleeker street.

Minetta Lane, Macdougall to Carmine street.

Leroy street, Bleeker to Hudson street.

Avenue A, Seventh to Fourteenth street.

Eleventh avenue, Fifty-second to Fifty-third street.

Twelfth street, Avenue A to Avenue C.

Sheriff street, Stanton to Second street.

Willet street, Rivington to Houston street.

Twenty-ninth street, Seventh to Eighth avenue.

Thirty-second street, Seventh to Eighth avenue.

One Hundred and Twenty-ninth street, Sixth to Seventh avenue.

Fifteenth street, First avenue to 225 feet east of Avenue A.

Covering an area of 60,552 square yards. The contracts for laying the first pavement on Eighth avenue, from One Hundred and Twenty-fifth street to One Hundred and Forty-fifth street, and on One Hundred and Twenty-third street, from Third avenue to Madison avenue, covering 37,119 square yards, have also been completed.

In my last report I stated that I had assigned a competent engineer, with the necessary force of assistants, to the specific duty of supervising the work done in the public streets by the various private corporations who have obtained the privilege of placing their pipes, wires, tubes, etc., under the streets, in order to secure the proper restoration of the pavements disturbed or removed through the operations of these corporations.

Though this new system of supervision and inspection has been in force only a few months, its beneficial effects are already quite apparent.

It enables the Department to enforce proper work in replacing pavements over excavations, and to place the responsibility for any defects which may be developed after the pavement has been relaid. Heretofore it was impossible in many cases to do this, because in the most important and most frequented thoroughfares there are many underground structures, owned by different companies, and their operations in the streets are so intermingled that constant and close inspection is necessary to keep record of them, and to see that any injury to the pavements is remedied by the proper parties.

Repair of Water-pipes.

An average force of 84 mechanics and laborers, and 9 carts was employed during the quarter, under the direction of the Water Purveyor, on the repairs of water-pipes, stop-cocks, and fire-hydrants. The work performed by this force embraces the following items:

Repairing 400 defects in pipes and stop-cocks.

Repairing 1319 fire-hydrants.

Setting 137 new fire-hydrants in place of old ones.

Setting 11 additional fire-hydrants.

Shutting off 105 water-taps on account of leaks in service-pipes.

BUREAU OF SEWERS.

During the quarter 17 contracts for new sewers were entered into, and 18 contracts were completed.

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

6,267 lineal feet of sewers built.

546 lineal feet of culverts built.

18 receiving-basins built.

The following are the principal items of work done by the force employed in repairing and cleaning sewers:

464 lineal feet of sewers rebuilt.

163 lineal feet of culverts rebuilt.

223 lineal feet of sewers repaired.

45 receiving-basins repaired.

1 new manhole built.

290 manholes repaired.

8 new granite basin-heads placed.

147 lineal feet of spur-pipe laid.

213 new manhole heads placed.

26 new manhole covers placed.

604 receiving-basins cleaned.

15,005 lineal feet of sewers cleaned.

1,987 cart loads of sewer deposits removed.

The sewerage system on Manhattan Island now comprises 411 18-100 miles of sewers, with 5,015 receiving basins.

BUREAU OF STREET IMPROVEMENTS.

Work was in progress during the quarter on twenty-nine contracts for regulating and grading streets, and the grading of the following streets was completed:

Fifty-third street, between Tenth and Eleventh avenues.

One Hundredth street, between Third and Fourth avenues.

One Hundred and Twelfth street, between Madison and Sixth avenues.

One Hundred and Thirty-fourth street, between Eighth and St. Nicholas avenues.

One Hundred and Forty-first street, between Seventh and Eighth avenues.

The aggregate quantities of work performed under the several contracts, are:

12,121 cubic yards earth excavated.

34,425 cubic yards rock excavated.

44,208 cubic yards filling placed in embankments.

10,159 lineal feet curb-stone set.

1,518 lineal feet gutter-stones laid.

42,489 square feet flagging laid.

17,700 square yards Macadam pavement laid.

BUREAU OF STREETS AND ROADS.

In addition to the ordinary care and sprinkling of the Macadam roadways, special repairs were made on the following roads:

The Western Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets.

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

Fifth avenue, between Fifty-ninth and One Hundred and Tenth streets.

Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-seventh streets.

Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets.

The following materials were used in the repairs:

1385 cubic yards gravel and sharp sand.

1272 cubic yards loam.

265 cubic yards broken stone.

39 cubic yards Telford foundation stone.

In the cleaning of the roadways, 2,966 cubic yards of dirt were removed.

The care and repairs of the up-town country roadways and unpaved streets received prompt and efficient attention.

BUREAU OF LAMPS AND GAS.

The Brush Electric Illuminating Company completed in July the placing of electric lights in Fourth avenue, between Eighteenth and Thirty-fourth streets; in Park avenue, between Thirty-fourth and Forty-second streets; in Fifth avenue, between Thirty-fourth and Fifty-ninth streets; in Broadway, between Thirty-fourth and Fifty-ninth streets; and in Fifty-ninth street, between Third and Ninth avenues.

The total number of electric-lamps now in use on the streets is 647, and the total number of gas-lamps 22,707.

BUREAU OF REPAIRS AND SUPPLIES.

The following are the principal items of repairs and improvements made during the quarter, on the public buildings under the care of the Department:

Cleaning and painting walls in the rooms of the Supreme Court.

Cleaning, painting and calcimining walls and ceiling of the City Library.

Painting walls and woodwork in the offices of the Board of Aldermen.

Placing two new ventilators on the roof of the City Hall, and repairing the old ones.

Placing a new skylight over the main stairway of the City Hall.

Repairing the roof of the Brown-stone Court-house, and placing thirty new window-frames and sashes on the two upper stories.

Placing a new water-closet in the Recorder's room.

General and thorough repairs in the Hall of Records, including the placing of new water-closets, force pumps, railings, partitions, etc.

Repairing and painting the tin roofing and gutters on Jefferson Market building.

Painting the exterior of Centre Market.

The construction of the New Washington Market building is progressing rapidly. The building is entirely inclosed and roofed, and will be ready for occupation by the 1st of December.

Extensive repairs and improvements are being made in the foundations, areas, floors, and drains of Essex Market building.

Under a resolution of the Common Council considerable alterations and improvements have been made in the Judges' room of the Court of Common Pleas.

A large amount of new office furniture and carpets has been supplied to various public offices and courts.

Public Baths.

The eleven public baths were closed on September 30 and have since been removed to their winter quarters in Gowanus Bay. The attendance at the baths for the season was as follows:

LOCATION OF BATH.	MALES.	FEMALES.	TOTAL.
Gouverneur street, East river.....	283,206	131,796	415,002
Fifth street, East river.....	306,426	129,262	435,688
Nineteenth street, East river.....	255,012	128,905	383,917
Thirty-seventh street, East river.....	230,100	110,145	340,245
One Hundred and Twelfth street, Harlem river.....	141,694	56,206	197,900
Morrisania Dock, Harlem river.....	76,095	24,748	100,843
Battery, North river.....	266,274	142,849	409,123
Duane street, North river.....	116,106	54,949	171,055
Horatio street, North river.....	219,304	77,862	297,167
Twenty-seventh street, North river.....	140,162	46,766	186,928
Fifty-first street, North river.....	147,695	79,222	226,917
Totals.....	2,182,074	982,711	3,164,785

Bureau of Incumbrances.

The Bureau received during the quarter 616 complaints of obstructions on streets and sidewalks, and in each case notices were issued for the removal of the obstructions. In 246 cases of noncompliance with the notices the articles constituting the obstructions were seized and taken to the Corporation Yard.

The Department also removed 669 cart loads of stone, dirt and other refuse material from various streets, and 123 shade trees which had become dangerous.

The following permits and notices were issued through the Bureau :

1,683 permits to place building material on streets.

26 permits to cut down shade trees.

110 miscellaneous permits.

181 notices to repair defective sidewalks.

5 notices to repair defective vault covers.

BUREAU OF WATER REGISTER.

The following amount of revenue from the water service was collected and paid into the City Treasury during the quarter :

For water rents.....	\$854,481 77
For penalties on water rents.....	2,827 85
For permits to tap water-pipes.....	2,794 50
Total.....	\$860,104 12

The investigation made by the Department in reference to the discrepancies in the water rent accounts, discovered last year, and upon which I reported to you in a letter dated September 13, 1883, and again in the quarterly reports for the third and fourth quarters of 1883, is now closed, and I herewith present the final result, as follows :

Total amount of credits on the ward books for which no corresponding credit was found on the cash books.....	\$26,473 84
Amount recovered and collected by the Department.....	\$21,647 85
Amount admitted to be due, and returned to the Bureau of Arrears as a lien upon the property.....	\$2,373 95
Amount lost to the city for which receipts have been given which appear to be regular and valid.....	\$2,452 04

MISCELLANEOUS REVENUE.

In addition to the collections for water rents, the Department has collected and paid into the City Treasury the following amounts, from various sources :

For vault permits.....	\$24,798 09
For sewer permits.....	6,824 92
For restoration of pavements over excavations.....	8,030 00
For furnishing and setting water meters.....	6,178 42
For rent of horse and steam rollers.....	21 00
For redemption of articles removed as obstructions.....	195 19
For work done for and materials furnished citizens.....	145 67
Total.....	\$46,193 29

ISAAC NEWTON, LATE CHIEF ENGINEER OF THE CROTON AQUEDUCT.

It is a painful duty to speak in this report of the great loss which this Department and the city have sustained in the death of Mr. Isaac Newton, late Chief Engineer of the Croton Aqueduct.

Equipped with splendid talents and learning, his largeness of view and correctness of judgment, his energy, zeal and devotion in the performance of every charge intrusted to him, made him the peer of the foremost men in his profession, and competent to master any engineering problem presented to him, of whatever magnitude.

The best proof of this is in the fact that in less than two months after entering upon his duties as Chief Engineer he had so thoroughly studied and mastered the great subject of an additional water supply for the city that he could present to me in definite form the plan for a new aqueduct, reservoir, etc., which afterward received the approval and commendation of the very highest engineering authorities in the country, and which, after more than three years' further investigation and deliberation, has been adopted as the best plan for an additional water supply.

Such a result could only be accomplished in so short a time by the ceaseless attention, study and labor which were Mr. Newton's most prominent characteristic, and which he exhibited to such an extreme that from time to time he exhausted his physical powers to the verge of endangering his life. He not only devised the main features of the New Aqueduct plan, but every detail of it.

For this work alone his name should forever be gratefully remembered by the people of the city.

Personally I deplore in the death of Mr. Newton a dear friend as well as a faithful and able assistant in my public duties.

Very respectfully,
HUBERT O. THOMPSON, Commissioner of Public Works.

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Showing Titles of Appropriations; Balances of 1883 on July 1, 1884; Requisitions on 1883 in Third Quarter, 1884; Balances of 1883 on October 31, 1884; Appropriations, including Transfers, of 1884; Requisitions, First Six Months of 1884; Requisitions, Third Quarter, 1884; Balances on October 1, 1884; and the Titles and Expenditures, etc., on Trust and Special Accounts.

TITLES OF APPROPRIATIONS.	Balances of 1883 on July 1, 1884.	Requisitions on 1883 in Third Quarter, 1884.	Balances of 1883 on October 31, 1884.	Appropriations, including Transfers, of 1884.	Requisitions First Six Months, 1884.	Requisitions Third Quarter of 1884.	Balances on October 1, 1884.
Aqueduct—Repairs, Maintenance, and Strengthening.....	\$6,845 24	\$405 50	\$6,439 74	\$225,000 00	\$54,853 52	\$67,200 22	\$102,836 26
Aqueduct—Repairs, Maintenance, and Strengthening—Salaries.....	46 69	.....	46 69	25,000 00	10,773 53	3,835 36	10,371 11
Boulevards, Roads, and Avenues—Maintenance.....	1,894 67	457 41	1,437 26	50,000 00	21,306 10	23,263 62	8,430 28
Boulevards, Roads, and Avenues—Maintenance—Salaries.....	9 00	.....	9 00	2,100 00	750 00	275 00	1,075 00
Construction and Maintenance of Four New Public Baths.....	1,081 20	.....	1,081 20	.....	.....	.....	.....
Contingencies—Department of Public Works.....	16 02	.....	16 02	4,000 00	2,971 57	651 70	376 73
Flagging Sidewalks and Fencing Vacant Lots, etc.....	27	.....	27	1,500 00	31 20	449 39	1,019 21
For an Iron Awning around Jefferson Market Building.....	.....	.....	.....	2,500 00	.....	.....	2,500 00
For Repairs and Alterations on Essex Market Court-house.....	.....	.....	.....	10,000 00	.....	.....	10,000 00
For Repairs on Essex Market Building.....	.....	.....	.....	9,000 00	.....	.....	9,000 00
For Surveys for Board of Street Openings and Improvements.....	1 47	.....	1 47	.....	.....	.....	.....
Forty-second Street Reservoir—Reconnections.....	.....	.....	.....	5,000 00	.....	1,563 24	3,436 76
Free Floating Baths.....	329 64	.....	329 64	17,027 50	8,338 96	1,892 99	6,795 55
Free Floating Baths—Salaries.....	740 50	.....	740 50	21,622 50	5,583 50	12,366 00	3,073 00
Furnishing Pipe, etc., North Brother Island.....	4,932 75	.....	4,932 75	.....	.....	.....	.....
Iron Bridge over Fourth Avenue at Ninety-eighth Street.....	.....	.....	.....	35,000 00	.....	.....	35,000 00
Lamps and Gas and Electric Lighting.....	272 00	.....	272 00	608,500 00	236,522 80	152,232 01	279,745 19
Lamps and Gas and Electric Lighting—Salaries.....	15 08	.....	15 08	5,816 00	3,071 22	1,584 00	1,160 78
Laying Croton Pipes.....	4,175 56	717 55	3,458 01	188,000 00	21,750 57	54,875 07	111,374 36
Laying Croton Pipes—Salaries.....	179 72	.....	179 72	12,000 00	7,529 07	3,399 26	1,071 67
Public Buildings—Construction and Repairs.....	937 87	.....	937 87	55,000 00	15,217 88	7,047 11	32,735 01
Public Drinking-hydrants.....	2,583 02	2,009 94	573 08	1,804 00	243 00	1,516 83	44 17
Public Drinking-hydrants—Salaries.....	.....	.....	.....	696 00	231 00	156 00	309 00
Removing Obstructions in Streets and Avenues.....	01	.....	01	7,500 00	1,752 00	1,508 70	4,239 30
Removing Obstructions in Streets and Avenues—Salaries.....	.....	.....	.....	2,500 00	1,624 49	670 68	204 83
Repairing and Renewal of Pipes, Stop-cocks, etc.....	666 69	651 95	4 74	195,000 00	73,814 12	41,894 31	79,291 57
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	91 21	.....	91 21	68,500 00	36,609 22	13,567 61	18,323 17
Repairs and Renewal of Pavements and Regrading.....	405 16	.....	405 16	192,500 00	20,432 47	80,943 05	91,124 48
Repairs and Renewal of Pavements and Regrading—Salaries.....	4 50	.....	4 50	7,500 00	2,603 79	1,312 83	3,583 38
Repaving Streets and Avenues.....	5,760 81	541 63	5,219 18	342,000 00	325 00	110,181 06	231,493 04
Repaving Streets and Avenues—Salaries.....	405 20	.....	405 20	8,000 00	3,290 48	3,345 99	1,393 53
Roads, Streets, and Avenues, Unpaved—Maintenance and Sprinkling.....	584 23	.....	584 23	30,000 00	7,541 43	7,079 54	15,379 03
Salaries—Department of Public Works.....	23 94	.....	23 94	92,000 00	46,207 88	22,860 26	22,931 86
Sewers—Repairing and Cleaning.....	494 79	100 00	394 79	114,000 00	34,693 00	23,577 25	55,729 75
Sewers—Repairing and Cleaning—Salaries.....	1 45	.....	1 45	11,000 00	5,504 14	2,722 33	2,773 53
Sewerage System—Salaries.....	67	.....	67	15,000 00	8,351 55	3,917 26	2,731 19
Steam Heating of the City Hall.....	.....	.....	.....	10,000 00	.....	.....	10,000 00
Steam Rollers for Pavements.....	.....	.....	.....	11,000 00	11,000 00	.....	.....
Street Improvements—For Surveying, Monumenting, etc.....	63 50	.....	63 50	3,000 00	393 00	156 00	2,451 00
Supplies for and Cleaning Public Offices.....	178 21	46 00	132 21	98,600 00	42,148 32	20,207 33	36,294 35
Supplies for and Cleaning Public Offices—Salaries.....	669 60	.....	669 60	26,350 00	12,772 44	5,847 97	6,729 59
Surveys, Maps, etc., for Street Openings and New Streets.....	24	.....	24	15,000 00	5,661 50	2,103 48	7,235 02
Supplying Water to Shipping, etc.—Salaries.....	11 00	.....	11 00	10,500 00	5,540 00	2,409 00	2,551 00
Washington Market—Alterations and Rebuilding.....	2,524 50	671 57	1,852 93	178,929 00	17,913 75	42,185 50	118,829 75
Washington Market—Alterations and Rebuilding—Salaries.....	.....	.....	.....	1,071 00	312 00	316 00	443 00
Water Supply for the Twenty-fourth Ward.....	5 24	.....	5 24	13,235 00	3,279 36	1,550 20	8,405 44
Water Supply for the Twenty-fourth Ward—Salaries.....	.....	.....	.....	765 00	312 00	165 00	288 00
Wells and Pumps—Repairing and Cleaning.....	261 07	30 75	230 32	500 00	.....	54 62	445 38
Totals.....	\$36,214 86	\$5,642 30	\$30,572 56	\$2,794,066 00	\$731,255 86	\$718,993 77	\$1,343,816 37

NOTE.—Requisition drawn Third Quarter, 1884, on "Jefferson Market—Alterations and Rebuilding," of 1882, \$4,900; Requisition drawn Third Quarter, 1884, on "Repaving Streets and Avenues," of 1881, \$530.54.

TITLES OF TRUST ACCOUNTS.	Balances from 1883 and Receipts, First and Second Quarters, 1884.	Receipts, Third Quarter, 1884.	Requisitions drawn First Six Months, 1884.	Requisitions drawn Third Quarter, 1884.	Balances, October 1, 1884.
Croton Water Fund.....	.....	.....	\$497,792 76	\$222,504 04	.....
Street Improvements above Fifty-ninth street.....	.....	.....	77,192 10	22,291 50	.....
Street Improvement Fund.....	.....	.....	355,155 76	231,648 62	.....
Restoring and Repaving—Special Fund—Department of Public Works.....	\$21,574 26	\$8,030 00	6,219 50	8,842 00	\$14,542 76
Water Meter Fund—No. 2.....	16,703 66	6,178 42	15,810 98	6,699 85	371 25

Statement of Bookkeeper, Department of Public Works, showing all Revenues of the City received through the Department, during the First Three Quarters, 1884.

SOURCE OF REVENUE.	FIRST AND SECOND QUARTERS, 1884.	THIRD QUARTER OF 1884.	TOTALS.	SOURCE OF REVENUE.	FIRST AND SECOND QUARTERS, 1884.	THIRD QUARTER OF 1884.	TOTALS.
Water rents.....	\$23,187 22	\$854,481 77	\$1,677,668 99	Redemption and sale of street obstructions.....	\$643 87	\$195 19	2,839 06
Water penalties.....	3,909 00	2,827 85	6,736 85	Sales by auction.....	585 70	.....	585 70
Pipe tapping.....	4,855 50	2,794 50	7,650 00	Work and material furnished by city.....	.....	145 67	145 67
Sewer permits.....	11,297 53	6,824 92	18,122 45	Total.....	\$870,568 41	\$892,067 99	\$1,762,636 40
Vault permits.....	26,089 59	24,798 09	50,887 68				

Document "B."

A Report in Detail of Expenditures for which Requisitions were drawn on the Comptroller by the Commissioner of Public Works during the Quarter ending September 30, 1884.

APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening, for 1883—

Furnace-door arches.....	\$84 00
Repairing tools.....	84 00
Sand.....	225 00
Sawdust.....	12 50
Total.....	\$405 50

Aqueduct—Repairs, Maintenance and Strengthening, for 1884—

Brass boxes.....	\$21 20
Brick and clay.....	23 50
Building-stone.....	1,450 00
Cement.....	600 00
Coal.....	2,153 46
Derrick.....	325 00
Flagging-stone.....	76 56
Forge.....	35 84
Gate-houses.....	590 00
Hauling pipe.....	115 00
Iron beams.....	204 96
Locust posts.....	40 75
Oil.....	199 00
Paint, etc.....	173 80
Pay-rolls.....	44,562 28
Rent of office.....	212 50
Repairing tools.....	407 15
Repairing wagon.....	56 88
Rocking grate.....	278 50
Rope, etc.....	65 02
Steel and iron.....	152 24
Stop-cocks, etc.....	4,508 20
Supplies.....	462 61
Taxes.....	302 91
Trap stone.....	714 81
Ventilators.....	789 89
Water-pipes.....	8,708 16
Total.....	\$67,290 22

Boulevard Roads and Avenues, Maintenance of, for 1883—

Broken stone.....	\$457 41
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Boulevard Roads and Avenues, Maintenance of, for 1884—

Coal.....	\$6 50
Gravel.....	432 65
Horse keeping.....	103 50
Hardware.....	151 32
Lumber.....	202 34
Pay-rolls.....	19,340 26
Repairing harness.....	7 85
" sprinklers.....	19 20
Total.....	\$20,263 62

Contingencies—Department of Public Works, for 1884—

Incidental expenses.....	\$400 00
Traveling expenses.....	251 70
Total.....	\$651 70

Flagging Sidewalks and Fencing Vacant Lots, for 1884—

Centre Market.....	\$250 05
Mangin street.....	199 34
Total.....	\$449 39

Forty-second Street Reservoir—Reconnections, for 1884—

Cast-iron water-pipes.....	\$1,563 24
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Free Floating Baths, for 1884—

Hickory poles.....	\$240 80
Horse hire.....	132 26
Painting.....	75 82
Repairing.....	765 28
Stair treads.....	21 53
Supplies.....	657 30
Total.....	\$1,892 99

Jefferson Market—Alterations and Rebuilding, for 1882—

Completion of work.....	\$4,900 00
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Lamps and Gas and Electric Lighting, for 1884—

Gas examinations.....	\$311 00
Lamps.....	362 50
Lamp irons.....	52 45
" posts.....	1,370 00
Lighting Bath, Battery.....	27 30
" Gouverneur Slip.....	21 00
" Duane street.....	12 60
" Horatio street.....	36 75
" Fifth street.....	39 45
" Nineteenth street.....	20 60
" Thirty-seventh street.....	31 50
" Fifty-first street.....	23 40
" One Hundred and Twelfth street.....	34 20
Lighting Brown-stone Building.....	60 90
" City Hall.....	268 80
" County Jail.....	288 15
" Court, Civil, First District.....	30
" " " Second ".....	12 60
" " " Fourth ".....	9 90
" " " Fifth ".....	21 00
" " " Sixth ".....	5 55
" " " Eighth ".....	3 30
" " " Ninth ".....	1 80
" " Police, First District.....	151 70
" " " Second ".....	107 55
" " " Third ".....	59 70
" " " Fourth ".....	76 95
" " " Fifth ".....	7 65
" Court-house, Third District.....	264 15
" " New.....	997 35
" Department of Public Works.....	137 10
" " Taxes and Assessments.....	2 70
" Engine-house, Ninety-eighth street.....	152 33
" " High Bridge.....	74 70
" Market, Catharine.....	39 30
" " Centre.....	90 60
" " Clinton.....	114 60
" " Essex.....	44 55
" " Fulton.....	578 70
" " Jefferson.....	125 10
" " Tompkins.....	207 15
" " Union.....	4 50
" " Washington.....	255 60

Lamps and Gas and Electric Lighting, for 1884—

Lighting Office Assessment Commission.....	\$5 25
" " Corporation Attorney.....	53 85
" " Receiver of Taxes.....	115 65
" Photometrical Rooms.....	27 68
" Rivington Street Yard.....	75
" South Gate-house.....	89 32
" Streets, Central Gas-light Co.....	15,258 72
" " Harlem ".....	27,542 58
" " Manhattan ".....	25,949 64
" " Metropolitan ".....	19,954 91
" " New York ".....	12,991 99
" " N. Y. Mutual ".....	2,347 44
" " Northern ".....	11,705 28
" " Yonkers ".....	2,437 50
" " Brush Electric Illuminating Co.....	9,163 70
" " United States ".....	17,465 00
" Workshops, Department of Public Works.....	17 92
Pay-rolls.....	300 00
Rent of offices.....	240 00
Supplies.....	57 80
Total.....	\$152,232 01

Laying Croton Pipes, for 1883—

Alexander and Myrtle avenues, etc.....	\$717 55
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Laying Croton Pipes, for 1884—

Cast-iron pipe.....	\$27,415 14
Galvanized pipe.....	254 03
Pay-rolls.....	3,504 50
Stop-cocks, hydrants, etc.....	10,753 81
Marion, Railroad, Eighth avenues, etc.....	4,731 20
Lexington avenue, between One Hundred and Sixteenth and One Hundred and Seventeenth streets.....	179 95
West street, between Battery place and West Eleventh street.....	5,456 19
Thirty-second street, between First avenue and East river.....	300 60
Sixty-third street, between Avenue A and East river.....	319 90
Sixty-seventh street, between Tenth and Twelfth avenues.....	227 50
Eightieth street, between Avenues A and B.....	375 00
One Hundred and Sixth street, between Third and Lexington avenues.....	243 20
One Hundred and Thirty-fifth street, between Fifth and Sixth avenues.....	466 05
One Hundred and Fortieth and One Hundred and Forty-first streets, etc.....	289 85
One Hundred and Fiftieth street, between Tenth and St. Nicholas avenues.....	358 15
Total.....	\$54,875 07

Public Buildings—Construction and Repairs, for 1884—

Brown-stone Building.....	\$881 00
Bureau Repairs and Supplies.....	541 65
City Hall.....	352 53
City Prison.....	255 90
County Jail.....	52 09
Court, Civil, Second District.....	9 61
" " Fifth ".....	42 18
" " Seventh ".....	493 22
" Police, First ".....	350 39
" " Third ".....	12 90
" " Sixth ".....	1 76
" General Sessions.....	210 00
Court-house, Seventh District.....	204 36
" New.....	1,646 84
Dog Pound.....	46 11
Hall of Records.....	82 15
Market, Catharine.....	13 92
" Centre.....	132 04
" Essex.....	18 75
" Fulton.....	303 64
" Jefferson.....	479 89
" Union.....	123 56
" Washington.....	303 20
No. 31 Chambers street.....	96 35
No. 12 ".....	76 63
No. 5 Duane street.....	59 42
One Hundred and Twenty-second street and New avenue.....	24 04
Office Corporation Counsel.....	90 31
Pay-rolls.....	567 00
Public Baths.....	59 61
Total.....	* \$7,531 07

Public Drinking-hydrants, for 1883—

Hydrants.....	\$544 00
" Repairing.....	1,405 94
Total.....	\$2,009 94

Public Drinking-hydrants for 1884—

Repairing hydrants.....	\$1,516 83
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Removing Obstructions in Streets and Avenues, for 1884—

Trucking and labor.....	\$1,508 70
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Repairing and Renewal of Pipes, Stop-cocks, etc., for 1883—

Coal.....	\$50 00
Placing wires.....	611 95
Total.....	\$661 95

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

Cement.....	\$27 00
Horse hire.....	270 00
Hydrant boxes.....	593 00
" cups, etc.....	468 10
Hydrants.....	1,225 00
Pay-rolls.....	32,263 85
Relaying pipe.....	930 70
Stop-cocks, etc.....	1,873 30
Stop cock boxes and covers.....	149 64
Supplies.....	430 39
Tapping cocks, etc.....	3,506 73
Tools.....	156 60
Total.....	\$41,894 31

Repairs and Renewal of Pavements and Regrading, for 1884—

Granite blocks.....	\$279 00
Horsekeeping.....	167 00
Oil, etc.....	57 20
Pay-rolls.....	79,198 72
Rent of yard.....	150 00
Repairing tools.....	709 10
" wagon.....	13 53
Sand.....	187 50
Tools.....	181 00
Total.....	\$80,943 05

Repaving Streets and Avenues, for 1882—

Eleventh avenue, between Forty-second and Forty-sixth streets.....	\$530 54
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* Deduct, for voucher in favor of GERALD FITZGIBBON returned unpaid, \$483.96.

Repaving Streets and Avenues for 1883—	
Division street, between Bowery and Norfolk street.....	\$541 63
Repaving Streets and Avenues, for 1884—	
Cliff, Baxter and Oak streets.....	\$10,324 97
Clinton street, between Division and Houston streets.....	17,726 71
Jane street, between Greenwich and Hudson streets.....	5,428 14
Mulberry and Bond streets.....	19,042 45
Sheriff and Willett streets.....	8,311 28
Fourth street, between Avenue D and Lewis street.....	3,313 35
Sixth and Stanton streets.....	3,465 00
Twelfth street, between Avenues A and C.....	7,806 84
Twelfth street, between Sixth avenue and Fourth street.....	13,980 32
Twenty-ninth and Thirty-second streets, between Seventh and Eighth avenues.....	9,799 83
Thirty-ninth street, between Broadway and Sixth avenue.....	3,106 95
One Hundred and Twenty-ninth street, between Sixth and Seventh avenues.....	4,722 54
Eleventh avenue, between Fifty-second and Fifty-third streets.....	3,152 68
Total.....	\$110,181 06

Roads, Streets, and Avenues, Unpaved—Maintenance, etc., for 1884—	
Horse hire.....	\$270 00
Lumber.....	54 50
Pay-rolls.....	6,585 47
Powder and fuse.....	13 06
Repairing tools.....	155 61
Total.....	\$7,079 54

Sewers—Repairing and Cleaning, for 1883—	
Atlas for New York.....	\$100 00

Sewers—Repairing and Cleaning, for 1884—	
Basin heads.....	\$525 00
Brick and Cement.....	137 50
Harness.....	55 00
Horse hire, etc.....	330 00
Manhole heads and covers.....	1,540 72
Pay-rolls.....	8,389 56
Repairing instruments.....	52 50
“ wagon.....	117 01
“ etc., sewers and basins.....	12,270 96
Tools.....	159 00
Total.....	\$23,577 25

Street Improvements—For Surveying, Monumenting, and Numbering Streets, for 1884—	
Pay-rolls.....	\$156 00

Supplies for and Cleaning Public Offices, for 1883—	
Office—Commissioners of Accounts.....	\$46 00

Supplies for and Cleaning Public Offices, for 1884—	
Brown-stone Building.....	\$159 45
Bureau Repairs and Supplies.....	4,593 83
City Hall.....	147 67
Court, Civil, First District.....	42 89
“ “ Second “.....	19 01
“ “ Third “.....	16 66
“ “ Fourth “.....	5 19
“ “ Fifth “.....	36 67
“ “ Sixth “.....	48 85
“ “ Seventh “.....	70 85
“ “ Eighth “.....	13 82
“ “ Ninth “.....	110 34
“ “ Tenth “.....	18 43
“ Police, First “.....	9 45
“ “ Third “.....	13 07
“ “ Fourth “.....	170 06
“ “ Fifth “.....	26 80
“ “ Sixth “.....	6 30
“ City.....	112 00
“ General Sessions.....	73 93
“ Supreme.....	190 00
“ Surrogate's.....	4 30
Court-house, New.....	250 50
“ Third District.....	43 79
“ Seventh District.....	68 94
Department of Public Works.....	862 59
“ Taxes and Assessments.....	159 05
Dog Pound.....	30 00
Washington Market.....	7 16
No. 49 Beekman street.....	32 25
Pay-rolls.....	12,626 00
Office—Commissioner of Accounts.....	60 00
“ County Clerk.....	27 00
“ Corporation Attorney.....	14 76
“ Corporation Counsel.....	99 19
“ District Attorney.....	6 00
“ Public Administrator.....	30 53
Total.....	\$20,207 33

Surveys, Maps, etc., for Street Openings for 1884—	
Pay-rolls.....	\$2,103 48

Washington Market—Alterations and Rebuilding, for 1883—	
Alterations, etc.....	\$625 31
Architect fees.....	46 26
Total.....	\$671 57

Washington Market—Alterations and Rebuilding for 1884—	
Alterations, etc.....	\$40,500 00
Architect fees.....	1,685 50
Total.....	\$42,185 50

Water Supply for the Twenty-fourth Ward, for 1884—	
Hydrants and stop-cocks.....	\$242 20
Supplying water.....	1,308 00
Total.....	\$1,550 20

Wells and Pumps—Repairing and Cleaning for 1883—	
Repairing cistern.....	\$30 75

Wells and Pumps—Repairing and Cleaning for 1884—	
Repairing pumps, etc.....	\$54 62

RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance, etc., for 1883.....	\$405 50
Aqueduct—Repairs, Maintenance, etc., for 1884.....	67,290 22
Aqueduct—Repairs, Maintenance, etc.—Salaries.....	3,855 36
Boulevard Roads, etc.—Maintenance, etc., for 1883.....	457 41
Boulevard Roads, etc.—Maintenance, etc., for 1884.....	20,263 62
Boulevard Roads, etc.—Maintenance, etc.—Salaries.....	275 00

Contingencies—Department of Public Works, for 1884.....	\$651 70
Flagging Sidewalks and Fencing Vacant Lots, for 1884.....	449 39
Forty-second Street Reservoir Reconnections, for 1884.....	1,563 24
Free Floating Baths, for 1884.....	1,892 99
Free Floating Baths—Salaries.....	12,366 00
Jefferson Market—Alterations and Rebuilding, for 1882.....	4,900 00
Lamps and Gas and Electric Lighting, for 1884.....	152,232 01
Lamps and Gas and Electric Lighting—Salaries.....	1,584 00
Laying Croton Pipes, for 1883.....	717 55
Laying Croton Pipes, for 1884.....	54,875 07
Laying Croton Pipes—Salaries.....	3,399 26
Public Buildings—Construction and Repairs, for 1884.....	*7,531 07
Public Drinking-hydrants, for 1883.....	2,009 94
Public Drinking-hydrants, for 1884.....	1,516 83
Public Drinking-hydrants—Salaries.....	156 00
Removing Obstructions in Streets and Avenues, for 1884.....	1,508 70
Removing Obstructions in Streets and Avenues—Salaries.....	670 68
Repairing and Renewal of Pipes, Stop-cocks, etc., for 1883.....	661 95
Repairing and Renewal of Pipes, Stop-cocks, etc., for 1884.....	41,894 31
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	13,567 61
Repairs and Renewal of Pavements, etc., for 1884.....	80,943 05
Repairs and Renewal of Pavements, etc.—Salaries.....	1,312 83
Repaving Streets and Avenues, for 1882.....	530 54
Repaving Streets and Avenues, for 1883.....	541 63
Repaving Streets and Avenues, for 1884.....	110,181 06
Repaving Streets and Avenues—Salaries.....	3,345 99
Roads, Streets and Avenues, Unpaved—Maintenance, etc., for 1884.....	7,079 54
Salaries—Department of Public Works, for 1884.....	22,860 26
Sewerage System—Salaries.....	3,917 26
Sewers—Repairing and Cleaning, for 1883.....	100 00
Sewers—Repairing and Cleaning, for 1884.....	23,577 25
Sewers—Repairing and Cleaning—Salaries.....	2,722 33
Street Improvements—For Surveying, Monumenting and Numbering Streets, for 1884.....	156 00
Supplies for and Cleaning Public Offices, for 1883.....	46 00
Supplies for and Cleaning Public Offices, for 1884.....	20,207 33
Supplies for and Cleaning Public Offices—Salaries.....	6,847 97
Surveys, Maps, etc., for Street Openings, etc., for 1884.....	2,103 48
Supplying Water to Shipping, etc.—Salaries.....	2,409 00
Washington Market—Alterations, etc., for 1883.....	671 57
Washington Market—Alterations, etc., for 1884.....	42,185 50
Washington Market—Alterations, etc.—Salaries.....	316 00
Water Supply for the Twenty-fourth Ward, for 1884.....	1,550 20
Water Supply for the Twenty-fourth Ward—Salaries.....	165 00
Wells and Pumps—Repairing and Cleaning, for 1883.....	30 75
Wells and Pumps—Repairing and Cleaning, for 1884.....	54 62
Total.....	*\$730,550 57

* Deduct, for voucher in favor of Gerald Fitzgibbon returned unpaid, \$483.96.

FUNDS AND TRUST ACCOUNTS.

CROTON WATER FUND.

Building boiler-house.....	\$697 25
Building reservoir, Bronx river.....	18,465 63
Building reservoir, Rye Ponds.....	3,022 07
Building reservoir, Williamsbridge.....	6,489 00
Carpenter repairs.....	236 92
Casing pipe.....	826 02
Coal.....	505 50
Diamond drill.....	4,899 25
Drawing implements.....	681 67
Embankment.....	100 00
Horse hire.....	116 50
Horse keeping.....	163 06
Laying pipe.....	113,524 34
Lumber.....	102 30
Moving drill.....	100 00
Pay-rolls.....	45,413 96
Placing air-cocks.....	264 32
Professional services.....	18,317 51
Rent of offices.....	332 00
Repairing bridge.....	60 00
Repairing drill.....	561 08
Rubber hose.....	363 69
Skiff, etc.....	38 00
Supplies for office.....	67 00
Supplies for drill.....	5,116 67
Surveying.....	200 00
Surveying instruments.....	546 64
Taxes.....	46 48
Traveling expenses.....	1,037 18
Trucking boiler.....	210 00
Total.....	\$222,504 04

RESTORING AND REPAVING.

Pay-rolls.....	\$912 00
Repaving, etc.....	7,716 00
Sand.....	214 00
Total.....	\$8,842 00

STREET IMPROVEMENT FUND.

Curbing and Flagging—	
St. Nicholas place, between One Hundred and Fiftieth street and St. Nicholas avenue.....	\$978 70
Eighty-eighth street, between Eighth and Tenth avenues.....	401 25
Total.....	\$1,379 95

Fencing—	
Fourth avenue, between Sixty-fourth and Sixty-fifth streets.....	\$132 47
West Fiftieth street, opposite Nos. 539 and 541.....	10 75
Total.....	\$143 22

Paving—	
Fourth avenue, between One Hundred and Second and One Hundred and Sixteenth streets.....	\$2,279 70
Eighth avenue, between One Hundred and Twenty-fifth and One Hundred and Forty-fifth streets.....	51,512 70
East Thirty-eighth street, 50 feet east of present pavement.....	25 05
Sixty-ninth street, between Ninth and Eleventh avenues.....	4,459 00
Seventy-third street, between First and Third avenues.....	429 40
One Hundred and Twenty-third street, between Third and Madison avenues.....	5,046 30
Total.....	\$63,752 15

Receiving-basins—	
Lexington avenue, southwest corner Seventy-eighth street.....	\$247 60
Madison avenue, southwest corner One Hundred and Twenty-ninth and One Hundred and Thirty-second streets.....	26 70
Fourth avenue, northwest corner One Hundred and Fourth street.....	365 00
Total.....	\$639 30

Regulating, grading, etc.—

Madison avenue, between One Hundred and Thirty-fifth and One Hundred and Thirty-seventh streets	\$1,078 00
Fifty-third street, between Tenth and Eleventh avenues	6,800 01
Sixty-fourth street, between First avenue and East river	2,887 50
Eighty-third street, between Boulevard and Riverside Drive	219 75
Eighty-fifth street, between Tenth avenue and Riverside Drive	5,396 12
Ninety-fifth street, between Ninth and Tenth avenues	2,992 50
One Hundredth street, between Third and Fourth avenues	9,269 17
One Hundredth street, between Second and Third avenues	157 50
One Hundred and First street, between Fourth and Fifth avenues	2,545 20
One Hundred and Third street, between Tenth avenue and Riverside Drive	1,050 00
One Hundred and Twelfth street, between Sixth and Madison avenues	1,262 19
One Hundred and Sixteenth street, between Eighth and Ninth avenues	209 58
One Hundred and Seventeenth street, between Fourth and Fifth avenues	5,208 00
One Hundred and Eighteenth street, between Fourth and Sixth avenues	1,915 90
One Hundred and Twenty-first street, between Sixth and Madison avenues	1,362 61
One Hundred and Thirty-second street, between Tenth avenue and Broadway	1,176 00
One Hundred and Thirty-fourth street, between Eighth and St. Nicholas avenues	1,551 73
One Hundred and Thirty-sixth street, between Sixth and Seventh avenues	205 00
One Hundred and Thirty-seventh street, between Fifth and Seventh avenues	3,314 24
One Hundred and Forty-first street, between Seventh and Eighth avenues	3,698 80
One Hundred and Forty-fourth street, between Seventh and New avenues	2,220 00
One Hundred and Fifty-first street, between St. Nicholas avenue and Boulevard	1,232 00
One Hundred and Fifty-third street, between Seventh and New avenues	1,120 00
One Hundred and Fifty-seventh street, between Tenth avenue and Boulevard	1,071 00
One Hundred and Fifty-eighth street, between Kingsbridge road and Public Drive	3,517 50
One Hundred and Sixty-second street, between Tenth and Edgecomb avenues	1,361 50
One Hundred and Sixty-fifth street, between Tenth and Eleventh avenues	1,050 00
Total	\$63,877 80

Sewers—

Broadway, between Battery place and Morris street	\$1,483 69
Avenue B, between Fourth and Fifth streets	1,021 80
Lexington avenue, between Ninety-first and Ninety-second streets	50 70
Lexington avenue, between One Hundred and Eighth and One Hundred and Ninth streets	834 93
Madison avenue, between Fifty-seventh and Fifty-ninth streets	6,342 04
Madison avenue, between Eighty-sixth and Eighty-seventh streets	73 50
New avenue, between One Hundredth and One Hundred and Fourth streets	2,968 34
Riverside avenue, between Ninety-second and One Hundred and Sixth streets	1,201 20
West End avenue, between Sixty-fifth and Sixty-sixth streets	1,070 03
West End avenue, between Seventy-sixth and Eighty-ninth streets	3,054 67
West End avenue, between Ninety-sixth and One Hundred and Fifth streets	13,060 14
Fourth avenue, between Twenty-seventh and Thirtieth streets	1,359 47
Fourth avenue, between Eighty-third and Eighty-fourth streets	59 40
Eighth avenue, between One Hundred and Forty-seventh and One Hundred and Forty-ninth streets	2,086 10
Ninth avenue, between Eighty-first and Eighty-third streets	2,213 92
Ninth avenue, between Eighty-sixth and Ninety-second streets	3,484 07
Eleventh avenue, between One Hundred and Fifty-seventh and One Hundred and Fifty-ninth streets	2,530 15
Bethune street, between Washington street and Hudson river	3,180 42
Twenty-ninth street, between First avenue and East river	115 20
Forty-fourth street, at Hudson river	221 60
Fifty-seventh street, between Madison avenue and two hundred and twenty feet west	393 50
Seventy-third street, between First avenue and Avenue A	105 00
Eighty-sixth street, between Tenth avenue and Riverside Drive	2,213 81
Eighty-ninth street, between Eighth and Ninth avenues	4,250 00
Ninety-fifth street, between Eighth and Ninth avenues	1,530 10
One Hundred and Seventh street, between Third and Lexington avenues	2,952 59
One Hundred and Twentieth street, between Eighth and Ninth avenues	1,555 76
One Hundred and Twentieth and One Hundred and Twenty-first streets, between Seventh and St. Nicholas avenues	4,218 14
One Hundred and Thirty-fourth street, between Eighth and St. Nicholas avenues	86 40
One Hundred and Thirty-fifth street, between Eighth and St. Nicholas avenues	105 00
One Hundred and Forty-fifth street, between Tenth and St. Nicholas avenues	2,215 50
One Hundred and Forty-sixth street, between Tenth avenue and Boulevard	1,852 73
One Hundred and Forty-seventh street, between Eighth and New avenues	1,751 75
One Hundred and Fifty-eighth street, at Hudson river	11,056 04
Total	\$80,763 69

STREET IMPROVEMENTS ABOVE FIFTY-NINTH STREET.

Morningside Avenue, East—	
Pay-rolls	\$577 05
Regulating, grading, etc	21,157 50
Total	\$21,734 55
Morningside Avenue, West—	
Pay-rolls	556 95
Total	\$22,291 50

WATER-METER FUND, NO. 2.

Water-meters	\$3,900 00
Placing water-meters	2,799 85
Total	\$6,699 85

RECAPITULATION OF FUNDS, ETC.

Croton Water Fund	\$222,504 04
Restoring and Repaving	8,842 00
Street Improvement Fund—	
Curbing and Flagging	\$1,379 95
Fencing	143 22
Paving	63,752 15
Receiving-basins	639 30
Regulating, grading, etc	63,877 80
Sewers	80,763 69
Pay-rolls, Engineers Sewers	7,533 47
“ Inspectors Paving	511 00
“ Inspectors Regulating, Grading, etc	6,300 00
“ Inspectors Sewers	3,440 00
Surveyor's Fees	3,308 04
Total	231,648 62
Street Improvements above Fifty-ninth Street—	
“ Morningside avenue, East	\$21,734 55
“ “ West	556 95
Total	22,291 50
Water-meter Fund, No. 2	6,699 85
Total	\$491,986 01
GENERAL SUMMARY.	
Appropriations	\$730,550 57
Funds and Trust Accounts	491,986 01
Grand Total for Quarter	\$1,222,536 58

Document “C.”

Contracts made during the Three Months ending September, 1884.

DATE OF CONTRACT.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	AMOUNT.
1884.	Sewers.			
July 19	Sewer in One Hundred and Forty-seventh street, between Eighth avenue and first new avenue west of Eighth avenue, with branches in said new avenue, between One Hundred and Forty-fifth and One Hundred and Fifty-first streets ..	Joseph Moore, 185 East 88th street.	John McQuade, 1328 Lexington ave., Peter McGinness, 1545 Fourth avenue.	\$14,420 00
Aug. 18	Sewer in Beekman place, between Forty-ninth and Fifty-first streets ..	Patrick Larney, 325 East 38th street.	John Slattery, 788 Fourth avenue .. Dennis McGrath, 35 E. 104th street....	3,302 50
“ 7	Sewers in Fourth avenue, east and west sides, between Twenty-seventh and Thirtieth streets, with connections to present sewer ..	Patrick Reilly, 1062 First avenue ..	James Williams, 442 E. 57th street ... Thomas Regan, 858 Third avenue....	7,350 60
“ 18	Sewer in First avenue, between Forty-eighth and Forty-ninth streets ..	Wm. D. Lenihan, 402 East 57th street.	James Williams, 442 E. 57th street ... Michael Finn, 2 Sutton place.....	2,131 00
“ 19	Sewer in Ninety-seventh street, between Third and Fourth avenues, from end of present sewer east of Lexington avenue	John McKim & Son, 326 East 58th street.	James Williams, 442 E. 57th street ... Chas. H. Field, 957 Madison avenue.	4,553 70
“ 20	Sewer in Eighteenth street, between Second and Third avenues, from end of present sewer east of Third avenue	Thomas Hayden, 120 Clinton avenue, Brooklyn.	J. Bryant Lindley, 105 East 40th street. Wm. H. Morton, East Chester, N. Y..	621 40
“ 20	Sewer in One Hundred and Twenty-third street, between Ninth and Manhattan avenues	Thomas Murray, 130th street near Tenth avenue....	Theodore F. Toney, 130th street, N. R.... Isaac A. Hopper, 214 West 123d street.	1,507 50
“ 20	Sewer in One Hundred and Forty-sixth street, between Avenue St. Nicholas and Tenth avenue	Thomas Murray, 130th street near Tenth avenue....	Theodore F. Toney, 130th street, N. R.... Isaac A. Hopper, 214 West 123d street.	5,548 00
“ 21	Sewer in One Hundred and Twentieth street, between Sixth and Seventh avenues	Dennis McGrath, 35 East 104th street.	John Slattery, 788 Fourth avenue .. Patrick Larney, 325 East 38th street..	2,439 50
“ 21	Sewer in One Hundred and Thirty-fourth street, between Seventh avenue and summit west of Seventh avenue	Dennis McGrath, 35 East 104th street.	John Slattery, 788 Fourth avenue .. Patrick Larney, 325 East 38th street..	1,131 50
“ 25	Completing unfinished sewer in One Hundred and Forty-first street, between Boulevard and Diagonal avenue	Samuel Smyth, 173 West 4th street.	William Kelly, 607 West 47th street. James Williams, 442 East 57th street.	4,782 06
“ 25	Sewer in One Hundred and First street, between Ninth and Manhattan avenues	Nutt & Kearns, 404 West 49th street.	Wm. Hollweg, 563 West 143d street. Martin Singer, 738 Ninth avenue ...	1,506 50
“ 25	Sewer in Eighty-fourth street, between Tenth and Riverside avenues ..	John McKim & Son, 326 East 58th street.	James Williams, 442 East 57th street. Charles H. Field, 957 Madison avenue.	9,709 75
“ 27	Sewer in Fifty-ninth street, between Eighth avenue and end of present sewer east of Eighth avenue	J. D. Miner, 465 West 47th street.	Wm. Hullivan, 347 West 53d street. Jacob Eltz, 47th st. and 11th ave.	5,891 20
Sep. 1	Receiving-basins on southwest corners of Seventieth, Seventy-first and Seventy-second streets and Boulevard, at the junction of Boulevard and Tenth avenue at Seventy-second street	Edward N. Lynch, 2393 Third avenue...	Bernard Mahon, 105 W. 124th street. Maurice B. Flynn, 622 East 14th street.	1,420 00
“ 25	Sewer in Eighty-eighth street, between Fifth and Madison avenues, and in Madison avenue, between Eighty-seventh and Ninety-first streets	Michael Egan, 311 East 85th street.	James J. Jones, 428 East 89th street.. Charles Jones, 257 Alexander ave..	12,248 70
“ 9	Sewer in One Hundred and Forty-first street, between Avenue St. Nicholas and Tenth avenue	William J. Reilly, 127th st. & Boulevard	James Pettit, Manhattan street and Tenth avenue.... Leonard W. Johnson, 66 W. 46th street...	9,642 50
				\$88,276 35
	Regulating, Grading, etc., Contracts.			
July 31	Regulating and grading Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninetieth street	Allen, O'Grady & Co., 145 Broadway.....	Stephen McPartland, 8th ave. and 99th st.. Antonio Cuneo, 203 Grand street....	\$73,980 60
Aug. 5	Regulating and grading Seventy-fourth street, from Eighth avenue to Riverside Drive	James Slattery, 207 West 57th street.	Leonard W. Johnson, 66 West 46th street.. Wm. Hullivan, 347 West 53d street.	29,825 41
“ 25	Regulating and grading One Hundred and Third street, from Ninth to Tenth avenue	Patrick Farley, 164 East 63d street.	Terence Farley, 1032 Lexington ave.. John T. Farley, 1032 Lexington ave..	7,076 64
Sep. 4	Regulating and grading Eleventh avenue, from Kingsbridge road to Dyckman street	Mairs & Daly, 61 Broadway.....	J. N. Smith, 61 Broadway.... J. D. Ripley, 14 West 37th street.	109,138 69
				\$220,021 34
	Paving Contracts (under chapter 476, Laws of 1875.)			
July 11	Paving, with trap-block pavement, Clark street, from Broome to Spring street, Minetta street, from Minetta lane to Bleeker street ..	Charles Guidet, 237 Broadway.....	James Everard, Worth House..... Martin B. Brown, 770 Lexington ave...	\$13,037 60
“ 11	Paving, with trap-block pavement, Allen street, from Grand to Division street, and Suffolk street, from Stanton to Houston street ..	Charles Guidet, 237 Broadway.....	James Everard, Worth House..... Martin B. Brown, 770 Lexington ave...	10,019 00
“ 11	Paving, with trap-block pavement, Cliff street, from Hague to Frankfort street; Baxter street, from Grand to Canal street, etc., etc. ..	Charles Guidet, 237 Broadway.....	James Everard, Worth House..... Martin B. Brown, 770 Lexington ave...	10,856 00
“ 11	Paving, with trap-block pavement, Division street, from Norfolk to Grand street, and Twenty-sixth street, between Sixth and Seventh avenues	Charles Guidet, 237 Broadway.....	James Everard, Worth House..... Martin B. Brown, 770 Lexington ave...	17,086 00
“ 15	Paving, with granite-block pavement, Avenue A, from Seventh to Fourteenth street	Leonard W. Johnson, 66 West 46th street.	James Slattery, 218 West 57th street. John G. Smith, 329 West 48th street.	19,648 00
“ 17	Paving, with granite-block pavement, Eleventh avenue, from Fifty-second to Fifty-third street	Dennis McGrath, 35 East 104th street.	James Bowen, Third ave. and 133d st. Charles Jones, 257 Alexander ave..	3,334 00
“ 28	Paving, with trap-block pavement, Sheriff street, from Stanton to Second street, and Willet street, from Rivington to Houston street ..	M. Shannon, 129 Hoboken ave., Jersey City.	Thomas Gearty, 135 East 83d street.. Wm. C. Traphagan, 14 East 63d street....	8,883 30
“ 29	Paving, with trap-block pavement, Ninth street, from First to Second avenue, and Forty-first street, from Second to Third avenue ..	Wm. A. Cumming, 5 Dey street.....	Alexander Milne, Foot of East 29th st. James B. Mulry, 23 Rutgers street ...	8,098 40
“ 24	Paving, with trap-block pavement, Twentieth street, from Seventh to Ninth avenue	Thomas Gearty, 135 East 83d street.	Edward Reilly, 1402 Second avenue. Thomas Regan, 858 Third avenue ...	10,013 40
“ 29	Paving, with trap-block pavement, Twenty-ninth street, from Seventh to Eighth avenue	Wm. A. Cumming, 5 Dey street.....	Alexander Milne, Foot of East 29th st. James B. Mulry, 23 Rutgers street....	10,417 60
“ 28	Paving, with trap-block pavement, Forty-ninth street, from Eighth to Ninth avenue, and Forty-ninth street, from Tenth to Eleventh avenue	M. Shannon, 129 Hoboken ave., Jersey City.	Thomas Gearty, 135 East 83d street.. Wm. C. Traphagan, 14 East 63d street....	10,504 00
“ 29	Paving, with trap-block pavement, One Hundred and Twenty-ninth street, from Sixth to Seventh avenue ..	John White, 536 West 40th street.	Thomas Gearty, 135 East 83d street.. Ransom Parker, Jr., 227 West 11th street.	5,067 20

DATE OF CONTRACT.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	AMOUNT.
July 29	Paving, with trap-block pavement, Bank street, from Bleecker street to Greenwich avenue.....	John White, 56 West 40th street.	Thomas Gearty, 135 East 83d street.. Ransom Parker, Jr., 227 West 11th street.	\$5,671 50
" 24	Paving Twelfth street, from Avenue A to Avenue D, except the block between Avenues C and D, with trap-block pavement.....	Thomas Gearty, 135 East 83d street..	Thomas Regan, 858 Third avenue... James Reilly, 1475 First avenue...	6,240 60
Sept. 1	Paving, with granite-block pavement, Houston street, from Bowery to North river, except from Washington street to North river.....	William Kelly, 609 West 47th street.	James Fitzpatrick, 529 W. 42d street.... James Niblo, 65th st. and 11th ave.	33,804 50
" 1	Paving, with granite-block pavement, Fifteenth street, from First avenue to 225 feet east of Avenue A.....	William Kelly, 609 West 47th street.	B. F. Findlay, 410 W. 42d street... T. F. Flandrau, 460 West 43d street..	6,293 00
" 3	Paving, with granite-block pavement, Fifth avenue, from Thirty-third to Thirty-seventh street.....	John G. Smith, 329 W. 48th street...	Leonard W. Johnson, 66 West 46th street.. James Slattery, 218 West 57th street.	17,374 00
" 3	Paving, with trap-block pavement, Twelfth street, from Avenue C to Avenue D.....	Thomas Gearty, 135 East 83d street..	Edward Reilly, 1402 Second avenue. Timothy Dwyer, 406 East 66th street.	4,618 80
" 8	Paving, with trap-block pavement, Thirty-second street, from Ninth to Eleventh avenue.....	Michael Shannon, 129 Hoboken avenue.	Patrick Gildea, 445 West 13th street. Thomas Maloney, 457 West 32d street..	8,650 00
Paving (Assessment Work).				\$211,616 90
July 15	Paving, with granite-block pavement, One Hundred and Twenty-third street, from Third to Madison avenue.....	Morton, Hayden & Berkowitz, 120 Clinton avenue..	Thomas Roche, 339 East 47th street. James Fay, 406 East 79th street.	\$11,438 61
" 29	Paving, with granite-block pavement, Sixty-ninth street, from Ninth to Eleventh avenue.....	William Kelly, 607 West 47th street	Henry Kelly, 422 West 42d street. James Fitzpatrick, 529 West 42d street.	12,271 30
" 29	Paving, with granite-block pavement, Eighty-first street, from First avenue to Avenue A.....	James Fitzpatrick, 529 West 42d street.	William Kelly, 609 West 47th street. Henry Kelly, 422 West 42d street.	5,328 66
" 29	Laying crosswalks across Sixty-ninth street, at Ninth avenue, the Boulevard and Eleventh avenue.....	James Fitzpatrick, 529 West 42d street.	William Kelly, 609 West 47th street. Henry Kelly, 422 West 42d street.	385 34
Laying Croton Mains.				\$29,423 91
July 15	In Riverdale avenue and Burney's and Dash's lanes, in Twenty-fourth Ward, New York City....	Cornwell & Borstman, 226 East 32d street..	James Kay, 159 Washington Mkt. Michael Kennedy, 196 Washington Mkt.	3,816 51
Miscellaneous Contracts.				
July 19	Furnishing and delivering one 36-inch stop-cock and gearing, flange pipes and bolts.....	Chas. C. Field, 61 Bedford ave., Brooklyn..	M. B. Flynn, 543 Madison avenue. Chas. H. Field, 957 Madison avenue.	1,590 00
" 14	Furnishing and delivering cast-iron water pipes, branch pipes and special castings.....	Camden Iron Works, 400 Chestnut street..	George Wood, 106 Franklin street.. H. P. Kremer, 106 Franklin street..	2,919 50
Aug. 5	Furnishing cast-iron water pipes, branch pipes and special castings.	M. I. Drummond, 133 Mon. oe street ..	Martin B. Brown, 770 Lexington ave .. John Kersey, 85 Pearl street.....	16,856 02
" 29	Furnishing and delivering composition stops, cast iron extension boxes, wrought iron connecting rods, etc.....	Chas. C. Field, 61 Bedford ave., Brooklyn..	M. B. Flynn, 563 Madison avenue. Chas. H. Field, 957 Madison avenue.	6,964 00
" 29	Furnishing and delivering stop-cocks, stop-cock boxes and hydrants....	Chas. C. Field, 61 Bedford ave., Brooklyn..	M. B. Flynn, 563 Madison avenue. Chas. H. Field, 957 Madison avenue.	7,661 00
Sept. 5	Furnishing materials and performing work in the making and putting in place 30 double window frames in Brown-stone Building.....	V. D. Donovan, 246 Fourth avenue ..	Silas J. Donovan, 311 W. 47th street .. J. W. Donovan, 351 W. 24th street ..	1,368 00
" 9	Furnishing cast-iron water pipes, branch pipes and special castings.	Warren Foundry and Machine Co., Phillipsburg, N. J....	F. A. Potts, 39 E. 39th street Joseph Richardson, 119 Liberty street...	10,428 00
" 9	Furnishing materials and apparatus, and heating by steam rooms and offices in City Hall Building, City Hall Park.....	Gillis & Geoghegan, 116 Wooster street ..	C. A. Stock, 51 W. 13th street.... Benajah M. Martin, 50 W. 21st street....	5,498 00
" 6	Furnishing materials and performing work in the erection of an iron awning around Jefferson Market Building.....	Cook & Radley, 214 E. 37th street ...	Jacob Mark, 5 Worth street Michael Fleck, 231 E. 38th street ...	2,340 00
" 8	Building a gate-house and keeper's house at Kensico Reservoir, Westchester County.....	Wheeler H. Bristol, Kensico, Westchester Co..	R. P. Flower, 52 Broadway R. S. Middleton, 14 E. 65th street	10,000 00
" 13	Furnishing materials and performing work in the alteration and repairing Essex Market Police Court Building.....	John Duke, 2387 Second avenue.	Thos. Smith, 1628 Lexington ave.. Patrick Cunningham, 82 First avenue	7,465 00
Special Contracts.				\$73,089 02
July 3	Fencing vacant lots on corner of New Chambers and Chestnut streets..	R. J. Loonam, 105 E. 31st street.....		\$33 25
Sept. 22	Fencing vacant lots on the block bounded by Eighth and St. Nicholas avenues and One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets.	Patrick Larney, 325 E. 38th street		288 05
" 22	Fencing vacant lots on the northeast corner Fourth avenue and One Hundred and Twenty-second street, where not already done...	Patrick Larney, 325 E. 38th street		125 09
" 19	Fencing vacant lots on the southwest corner Eightieth street and Fourth avenue.....	Patrick Larney, 325 E. 38th street.....		91 23
" 22	Flagging, etc., in Fifty-seventh street, between Madison and Fifth avenues.....	M. Mahoney, Foot E. 65th street....		190 50
" 22	Flagging in Eleventh avenue, east side, between Thirty-eighth and Fortieth streets.....	M. Mahoney, Foot E. 65th street....		696 25
" 30	Fencing vacant lots on the west side of Boulevard, from One Hundred and Twenty-eighth to One Hundred and Thirtieth street.....	P. Larney, 325 E. 38th street		39 13
July 3	Fencing vacant lots Nos. 539 and 541 West Fiftieth street.....	R. J. Loonam, 105 E. 31st street.....		21 50
				\$1,485 00

RECAPITULATION.

17 Sewer Contracts.....	\$88,276 35
4 Regulating and Grading Contracts.....	220,021 34
19 Paving Contracts, under chapter 476, Laws of 1875.....	211,616 90
4 Paving Contracts.....	29,423 91
1 Croton-main Contract.....	3 86 51
11 Miscellaneous Contracts.....	73,089 02
8 Special Contracts.....	1,485 00
64 Contracts.....	\$627,729 03

Contracts Completed during the Three Months ending September 30, 1884.

DATE.	NATURE AND LOCATION OF WORK.	COST.
1884.		
July 9	Sewer in Ninety-fifth street, between Eighth and Ninth avenues.....	\$6,059 30
" 5	Receiving-basin on northwest corner of One Hundred and Fourth street and Fourth avenue, and northwest corner of One Hundred and Seventeenth street and Lexington avenue.....	498 36
" 24	Sewer in Battery place and Morris street.....	2,553 37
" 24	Sewer in Avenue B, between Fourth and Fifth streets.....	1,399 38
" 24	Sewer in Eighth avenue, between One Hundred and Forty-seventh and One Hundred and Forty-ninth streets, east side.....	6,457 97
" 29	Sewer in Ninth avenue, between Eighty-first and Eighty-third streets.....	9,796 96
" 29	Alterations and improvements to sewers in Madison avenue, between Fifty-seventh and Fifty-ninth streets, and in Fifty-seventh street, east and west of Madison avenue.....	21,258 54
" 29	Alterations and improvements to sewer in Bethune street, between Washington street and Hudson river.....	12,187 87
Aug. 6	Sewer in new avenue between Eighth and Ninth avenues, between One Hundredth and One Hundred and Fourth streets.....	12,941 14
" 6	Completing unfinished outlet sewer in One Hundred and Fifty-eighth street, etc., etc.....	63,331 19
" 5	Regulating and grading, etc., in St. Nicholas place, from One Hundred and Fiftieth street to the intersection with St. Nicholas avenue.....	1,222 82
" 28	Receiving-basin on the southwest corner of Seventy-eighth street and Lexington avenue....	325 36
" 28	Sewer in Lexington avenue, between One Hundred and Eighth and One Hundred and Ninth streets.....	1,088 27
" 28	Sewer in One Hundred and Twentieth street, between Eighth and Ninth avenues.....	1,990 16
" 28	Sewer in One Hundred and Forty-sixth street, between Boulevard and Tenth avenue, and in Tenth avenue, between One Hundred and Forty-sixth and One Hundred and Forty-seventh streets.....	9,857 82
" 27	Regulating and grading, etc., One Hundredth street, from Third to Fourth avenue.....	28,805 38
" 27	Regulating and grading, etc., One Hundred and Twelfth street, from Madison to Sixth avenue.....	10,691 70
" 27	Paving Eighth avenue, from One Hundred and Twenty-fifth to One Hundred and Forty-fifth street, granite-block pavement.....	69,202 52
" 27	Regulating and grading, etc., One Hundred and Thirty-fourth street, from St. Nicholas avenue to Eighth avenue.....	1,912 74
Sept. 2	Sewer in West End avenue, formerly Eleventh avenue, between Ninety-sixth and One Hundred and Fifth streets.....	38,441 58
" 6	Regulating and grading Fifty-third street, from Tenth to Eleventh avenue.....	15,193 66
" 6	Fencing vacant lots, Nos. 539 and 541 West Fiftieth street.....	12 25
" 26	Sewer in Ninth avenue, between Eighty-sixth and Nine y-second streets.....	13,685 18
" 26	Sewer in One Hundred and Forty-fifth street, north side, between Avenue St. Nicholas and Tenth avenue, and Tenth avenue, east side, between One Hundred and Forty-fifth and One Hundred and Forty-sixth streets.....	10,621 53
" 26	Sewer in Macdougall street, between West Third and West Fourth streets.....	1,154 44
" 26	Regulating and grading, etc., One Hundred and Forty-first street, from Seventh to Eighth avenue.....	7,074 30
July 15	Paving Fourth street, from Avenue D to Lewis street, with granite-block pavement.....	3,438 20
" 28	Paving Mullerry street, from Spring to Houston street, and Bond street, from Bowery to Broadway, with granite-block pavement.....	19,712 35
Aug. 18	Paving Clinton street, from Division to Houston street, with granite-block pavement.....	18,365 10
" 27	Paving Eleventh avenue, from Fifty-second to Fifty-third street, with granite-block pavement	3,285 86
" 29	Furnishing and delivering 1,250 tons of coal.....	6,706 46
Sept. 11	Furnishing cast-iron water-pipes, branch pipes and special castings.....	8,708 16
" 19	Furnishing stop-cocks, stop-cock boxes, and covers.....	10,943 10
" 26	Paving Twelfth street, from Avenue A to avenue D, except the block between Avenues C and D, with trap-block pavement.....	8,258 96
" 26	Paving Twenty-ninth street, from Seventh to Eighth avenue, and Thirty-second street, from Seventh to Eighth avenue, with trap-block pavement.....	10,339 85
" 26	Paving Sheriff street, from Stanton to Second street, and Willett street, from Rivington to Houston street, with trap-block pavement.....	8,701 50
" 27	Paving Fifteenth street, from First avenue to 225 feet east of Avenue A, with granite-block pavement.....	6,197 75
" 23	Paving One Hundred and Twenty-ninth street, from Sixth to Seventh avenue, with granite-block pavement.....	4,988 38
		\$457,409 46

RECAPITULATION.

18 Sewer Contracts.....	\$213,648 42
6 Regulating and Grading Contracts.....	64,900 60
10 Paving Contracts.....	152,490 47
4 Miscellaneous Contracts.....	26,369 97
38 Contracts.....	\$457,409 46

Document "D."

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF CHIEF ENGINEER, No. 31 CHAMBERS STREET, ROOM 10,
NEW YORK, October 14, 1884.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works :

SIR—I beg leave to submit the following report for the quarter ending September 30, 1884 :

STATEMENT OF EXPENDITURES.

Aqueduct—Repairs, Maintenance and Strengthening.....	\$75,506 30
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	5,730 29
Croton Water Fund.....	223,587 20
Contingencies—Department of Public Works.....	100 00
Laying Croton Pipes.....	59,508 10
Laying Croton Pipes—Salaries.....	3,399 26
Repairing and Renewal of Pipes, Stop-cocks, etc.....	10,729 66
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	9,100 16
Shipping and Building—Salaries.....	2,409 00
Water Meter Fund, No. 2.....	7,042 09
Forty-second Street Reconnections.....	1,563 24
Water Supply for Twenty-fourth Ward.....	1,550 20
Water Supply for Twenty-fourth Ward—Salaries.....	249 00
Total.....	\$400,474 50

STORAGE RESERVOIRS.

The Croton river furnished a full supply to the aqueduct during the quarter, until September 15, 1884, since which time water has been drawn from—

	Gallons.
Boyd's Corners Reservoir.....	250,000,000
Southeast Reservoir.....	240,000,000
Lake Mahopac.....	100,000,000
Lake Gilead.....	30,000,000
Lake Glenida.....	40,000,000

Total gallons drawn..... 660,000,000

On the 15th of September, the storage reservoirs and lakes were full, the rain-fall during the summer having been large.

RAIN-FALL—INCHES.

	JULY.	AUGUST.	SEPTEMBER.	TOTALS.
Boyd's Corners Reservoir.....	6.54	4.50	1.69	12.73
Southeast Reservoir.....	5.96	6.91	1.35	14.22
Kensico Reservoir.....	5.92	5.81	0.59	12.32
Croton Dam.....	5.87	8.32	1.59	15.78
Central Park Reservoir.....	3.85	7.97	0.23	12.05

BRONX RIVER SUPPLY.

The Commissioners to appraise damages to parties owning property along Bronx river, by the diversion of the water, have held several meetings.

Contracts were let for a keeper's-house and a gate-house at Kensico dam. The following work was done during the quarter :

WORK DONE ON THE BRONX RIVER SUPPLY DURING QUARTER ENDING SEPTEMBER 30, 1884.

	Contract—Sullivan & Moore, Williamsbridge Reservoir.	Contract—James Baird, Jerome avenue, Williamsbridge road to Woodlawn.	Contract—Thomas B. Crimmins, Tuckahoe to Hartsdale.	Contract—George W. Flower, Kensico Reservoir.	Contract—L. P. Hendrick, Rye Ponds Reservoir.	Total for Quarter.
Rock excavation, cubic yards.....	307	1,560	4,635	30	.....	6,525
Earth excavation, ".....	16,000	1,300	7,337	910	445	25,992
Embankment, ".....	16,000	8,400	12,320	23,860	1,530	62,110
Cut stone masonry, ".....	19	53	17	22	111
Coursed stone masonry, cubic yards.....	43	.....	.....	.....	43
Stone masonry, ".....	310	202	1,517	84	2,113
Brick masonry, ".....	65	7	.....	.....	72
Concrete masonry, ".....	110	10	2	35	.....	157
Dry stone-wall, ".....	1,100	853	1,147	436	3,536
Fence wall, lineal feet.....	120	162	282
48-inch pipe laid, lineal feet.....	1,640	800	.....	.....	2,440
36-inch pipe laid, ".....	1,460	.....	.....	.....	1,460
12-inch pipe laid, ".....	40	.....	.....	.....	40
6-inch pipe laid, ".....	1,450	9	.....	.....	1,459
48-inch stop-cocks set, number.....	1	.....	.....	.....	1
36-inch stop-cocks set, ".....	4	.....	.....	.....	4
12-inch stop-cocks set, ".....	1	.....	.....	.....	1
6-inch stop-cocks set, ".....	5	.....	.....	.....	5
Blow-offs set, ".....	1	.....	.....	.....	1
Hydrants set, ".....	5	.....	.....	.....	5
White pine, chestnut and hemlock, B. M., feet.....	75,552	9,616	11,090	96,258
Cast-iron, pounds.....
Wrought iron, pounds.....	8,071	225	395	8,691
Straight pipe, tons.....	830	161	.....	.....	991
Special castings, tons.....	9	.....	.....	.....	9

The laying of the conduit pipe was completed on September 4, 1884. On the same day water was passed through the whole length of the conduit from Kensico Reservoir to Williamsbridge Reservoir, and by 36-inch main around the reservoir, through Williamsbridge road and Jerome avenue to the pipes supplying the new district and to pipe connecting same with the aqueduct, thus testing the whole line of supply and distribution of Bronx river water. At 6 P. M. there were two breaks occurred, one in the 48-inch conduit, 800 feet south of Woodlawn Station, and the other in 36-inch main at junction of Williamsbridge road and Jerome avenue; in both cases a piece was broken out of the hub end of the pipe. As both were in rock cuts the breaks were caused by concussion from blasts, after the pipe was put in and covered up, while excavating in their vicinity. Owing to the extreme hot weather at that time the breaks were not repaired until the 9th of September, and on that day 5,000,000 gallons of water were furnished from the Bronx river, and the Twenty-third and Twenty-fourth Wards supplied entirely from same. On the 11th of September 5,000,000 more were supplied from same, and this supply has been kept up continuously since that date.

The reservoirs in the city in September were falling two to two and one-half inches per day, and since the Bronx river water was brought in have gained three feet in the new reservoir, Central Park; eleven feet in the Old Reservoir, Central Park, and eight feet in the Forty-second Street Reservoir.

The average increase of head throughout the city has been eight feet, and as soon as the hot and dry weather we have had this month is over, I have no doubt we will have an average increased pressure of twelve feet throughout the city.

Several of the Bronx River Supply contracts are approaching completion, and in order to fully utilize these works it is necessary that immediate measures be taken to go on with the Byram river addition to this supply.

LAYING CROTON PIPES.

Contracts for laying pipe in One Hundred and Fortieth street, between Third and Morris avenues; in One Hundred and Forty-first street, between Morris and Ryder avenues; in One Hundred and Thirty-fifth street, between Sixth and Seventh avenues; and in One Hundred and Fiftieth street, between St. Nicholas and Tenth avenues, have been completed.

One contract for pipe has been entered into, and bids have been opened for stop-cocks, hydrants, and for laying pipe.

Pipe Laid during Quarter.

12-inch pipe.....	12,693 lineal feet.
6-inch ".....	7,325 "

Total lineal feet..... 20,018 lineal feet.

100 stop-cocks have been set.
79 hydrants placed.

REPAIRING AND RENEWAL OF PIPES, STOP-COCKS, ETC.—WEST AND SOUTH STREETS.

One contract for pipe, one contract for stop-cocks, hydrants, etc., and one contract for stops, lead pipe, etc., have been entered into for changing taps and connections and relaying pipe on West and South streets. A gang of men has been organized to do this work.

FORTY-SECOND STREET RESERVOIR "RECONNECTIONS."

The pipe and special castings necessary for this work have been received, and a force is now at work placing same.

METERS.

Number of meters placed during the quarter.....	718
Number of meters in use June 30, 1884.....	10,118
Total number in use.....	10,836

SHIPPING AND BUILDING.

During the quarter there have been issued :

9 permits for engines on wharves, amounting to.....	\$468 30
177 permits for building purposes, amounting to.....	7,762 00
155 permits for shipping, amounting to.....	5,854 97
Measured by meters, amounting to.....	11,182 07

Total..... \$25,267 34

EXAMINATIONS OF SEWERS FOR WASTE OF WATER IN HOUSES, BETWEEN TWELVE O'CLOCK MIDNIGHT AND SIX O'CLOCK A. M.

Number of house drains examined.....	3,238
Number of dry drains examined.....	2,904
Number where waste was less than 1 gallon per minute.....	167
Number where waste was from 1 gallon to 5 gallons per minute.....	167
Number where waste was over 5 gallons per minute.....	0

Examinations of Houses for Waste of Water during Quarter ending September 30, 1884, by Waterphone.

STREETS.	WHOLE NUMBER OF BUILDINGS EXAMINED.	WHOLE NUMBER WHERE PLUMBING WAS DEFECTIVE.	FAUCETS.		WATER CLOSETS.		HYDRANTS.		PIPES.
			Leak.	Waste.	Leak.	Waste.	Leak.	Waste.	
Fourteenth.....	550	80	71	..	1	3	3	..	2
Fifteenth.....	428	177	158	..	5	5	4	..	5
Sixteenth.....	334	208	205	1	..	..	..	..	2
Seventeenth.....	547	144	99	1	8	8	4	2	22
Eighteenth.....	537	174	95	67	2	3	2	3	2
Nineteenth.....	587	180	132	32	8	4	3	3	3
Twentieth.....	581	134	117	..	..	6	..	5	6
Twenty-second.....	363	13	8	3	..	..	..	..	2
Twenty-third.....	652	173	147	10	3	6	..	5	2
Twenty-fifth.....	339	185	161	..	11	..	10	..	3
Twenty-sixth.....	499	211	205	..	3	..	1	..	2
Twenty-seventh.....	384	166	158	..	..	6	..	2	..
Twenty-ninth.....	350	96	83	..	3	3	5	..	2
Thirtieth.....	545	109	98	..	3	1	3	1	3
Forty-fifth.....	78	72	66	..	5	..	..	..	1
Forty-sixth.....	80	80	77	..	3	..	..	..	..
Forty-seventh.....	77	47	35	..	7	..	..	..	3
Forty-eighth.....	70	43	32	..	8	..	..	..	3
Totals.....	7,001	2,292	1,947	114	70	45	35	21	63

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF CHIEF ENGINEER, NO. 31 CHAMBERS STREET, ROOM 10,
NEW YORK, October 17, 1884.

G. W. BIRDSALL, Esq., First Assistant Engineer Croton Aqueduct :

DEAR SIR—Since the completion of the wiring for waterphones in Forty-fifth, Forty-sixth, Forty-seventh, and Forty-eighth streets, it has been impossible to accurately determine how much saving of water has been secured, as the absence from the city of a great number of the residents from the time of the last registration of the meter, makes it difficult to get the full amount of water which would be ordinarily consumed in the houses. Enough has been shown, however, to prove conclusively that the application of the waterphone has stopped all waste where it has been applied, and has compelled people to make necessary repairs to the plumbing.

From the best calculations I can make, I should think the saving effected would be at least 20 per cent.

In regard to the use of the waterphone by house-to-house Inspectors, I have to say that it has resulted very satisfactorily. An Inspector is enabled, by applying the waterphone to the supply pipe, to detect immediately any running of water which would not in the ordinary inspection be discovered, and when this is found the matter of further examination and tracing it and determining whether it is proper use of water or waste, is very much assisted by the use of the instrument.

Many cases of leaks have been reported which could not be seen, and the parties when notified to make repairs have had examinations made by their plumbers who could not find the leaks, but upon being informed how the leaks had been detected, have made further examinations, found the leaks and repaired them.

I trust that an arrangement can be made by which the Inspectors will be enabled to continue the use of the waterphone for house-to-house inspection, as a man with it can visit and inspect twice as many houses as he had been accustomed to do without it.

Respectfully,

(Signed) JOHN E. MCKAY, Assistant Engineer.

AQUEDUCT REPAIRS, MAINTENANCE AND STRENGTHENING.

Work Done during Quarter ending September 30, 1884.

	Earth Excavated.	Stone Quarried.	Stone Cut.	Cut Stone Masonry.	Rubble Masonry.	Dry Masonry.	Brick Masonry.	Concrete.	Aqueduct Arching.	Fence Built.	Fence Repaired.	Seeding.	Macadam Roadway Built.
	Cubic Yards.	Cubic Yards.	Cubic Feet.	Cubic Feet.	Cubic Yards.	Cubic Yards.	Cubic Yards.	Cubic Yards.	Lineal Feet.	Lineal Feet.	Lineal Feet.	Acres.	Lineal Feet.
1st Division.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2d ".....	560	.....	.....	.....	.....	.....	.....	.....	75	965	.....	.....	.....
3d ".....	320	.....	.....	.....	200	70	50	220	.....	300	.....	.....	.....
4th ".....	510	.....	.....	.....	.....	150	2	.....	.....	.....	5,000	2	.....
5th ".....	300	.....	.....	.....	.....	50	.....	.....	.....	1,065	.....	.....	160
6th ".....	550	900	.....	.....	.....	840	10	.....	.....	.....	.....	.....	.....
7th ".....	.....	.....	2,000	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
8th ".....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	2,240	900	2,000	2,500	200	1,110	62	220	75	2,330	5,000	2	160

Throughout the length of the aqueduct the grass has been cut, the weeds and brush destroyed, the gutters and drains cleaned, the highway crossings repaired, gate-houses and machinery maintained in order, and constant attention given to bad leaks, treating them with bran and cement from within. The special work has been as follows :

First Division—Pointing dam and curtain walls.

Second Division—Unloading and re-arching at Quaker Bridge; completion of Kill gate-house.

Third Division—Waste-pipe and gate-house; retaining walls near gate-house and on Lombard property.

Fourth Division—Slope wall repaired; retaining wall and adjacent grading; curve monuments; pointing.

Fifth Division—Retaining wall and grading Rowley property; engine-house crossing; pointing Saw Mill River Bridge.

Sixth Division—Retaining wall O'Brien's bank; curve monuments.

Seventh Division—Steps; painting railing and pipes, High Bridge; repairs of coal dock.

Eighth Division—Pointing masonry and painting iron work.

Very respectfully,

G. W. BIRDSALL, First Assistant Engineer Croton Aqueduct.

Document "E."

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, No. 31 CHAMBERS STREET, ROOM 1,
NEW YORK, October 15, 1884.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—In compliance with your instructions I submit the following report of the transactions of this Bureau during the quarter ending September 30, 1884:

REPAIRS AND REMOVAL OF PAVEMENTS.

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

In July, 410 men and 86 carts.
In August, 421 men and 89 carts.
In September, 431 men and 89 carts.

The repair gangs have been steadily employed during the quarter in making general repairs throughout the city.

40 permits were issued to citizens to repair pavements at their own expense.

REPAVING UNDER CHAPTER 476 LAWS OF 1875.

The following streets were repaved during the quarter, viz.:

	Square yards.
Thirty-ninth street, from Broadway to Sixth avenue.....	1,373.25
Twelfth street, from Sixth avenue to Fourth street.....	5,336.00
Jane street, from Greenwich avenue to Hudson street.....	2,053.80
Mulberry street, from Spring to Houston street.....	2,684.96
Bond street, from Bowery to Broadway.....	4,014.12
Fourth street, from Avenue D to Lewis street.....	1,248.52
Clinton street, from Division to Houston street.....	6,383.90
Cliff street, from Hague to Frankfort street.....	398.43
Baxter street, from Canal to Grand street.....	2,664.88
Oak street, from Catharine to Pearl street.....	1,897.93
Clarke street, from Broome to Spring street.....	1,221.70
Minetta street, from Minetta Lane to Bleeker street.....	557.40
Minetta Lane, from Macdougall to Carmine street.....	557.00
Leroy street, from Bleeker to Hudson street.....	2,866.30
Avenue A, from Seventh to Fourteenth street.....	7,223.90
Eleventh avenue, from Fifty-second to Fifty-third street.....	1,331.80
Twelfth street, from Avenue A to Avenue C.....	4,521.27
Sheriff street, from Stanton to Second street.....	1,310.45
Willett street, from Rivington to Houston street.....	2,591.84
Twenty-ninth street, from Seventh to Eighth avenue.....	2,708.00
Thirty-second street, from Seventh to Eighth avenue.....	2,692.20
One Hundred and Twenty-ninth street, from Sixth to Seventh avenue.....	2,658.45
Fifteenth street, from First avenue to 225 feet east of Avenue A.....	2,856.11
Total, square yards.....	60,552.21

NEW PAVEMENTS UNDER ASSESSMENT.

New pavements in the following streets were completed during the quarter, viz.:

	Square yards.
Eighth avenue from One Hundred and Twenty-fifth to One Hundred and Forty-fifth street.....	32.924
One Hundred and Twenty-third street from Third to Madison avenue.....	4.195
Total square yards.....	37.119

In the paving of One Hundred and Twenty-third street, from Third to Madison avenue, the Department tried the experiment of rolling the road-bed of the street before laying the pavement, with a steam-roller of over twelve tons weight. The most satisfactory results were obtained; the general depression of the surface being between two and three inches, except over openings, where in one case eight inches of compression were obtained. In streets where the filling is new, the roller will be of the greatest benefit in compressing the foundation, thus obviating any undue settlement in the pavement. The Department has not as yet sufficient data at its command to determine definitely the actual amount of benefit derived from the roller, depending as it must necessarily upon the newness of the filling, its depth, and the character of the material used.

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

The average force employed in repairing and renewal of pipes, stop cocks, etc., under the direction of the Bureau during the quarter was as follows:

In July, 83 men and 9 carts.
In August, 84 men and 9 carts.
In September, 84 men and 9 carts.
400 defects in pipes and stop-cocks were repaired.
1,319 repairs were made to fire-hydrants.
137 new fire-hydrants were substituted for old ones.
11 new fire-hydrants were placed.
105 taps were shut off on account of leaks in service pipes.
395 defects in pavements were repaired.

PUBLIC DRINKING-HYDRANTS.

15 drinking-hydrants were repaired.

WELLS AND PUMPS.

4 pumps were repaired.

VAULTS.

55 permits were issued for the construction of vaults.
The amount received for the same was \$24,798.09.
31 permits were issued to repair vaults.

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

Public Drinking-hydrants.....	\$1,516 83
Public Drinking-hydrants, salaries.....	234 00
Repaving Streets and Avenues.....	129,302 20
Repaving Streets and Avenues, salaries.....	3,345 99
Repairs and Renewal of Pavements, etc.....	68,592 19
Repairs and Renewal of Pavements, etc., salaries.....	2,134 16
Repairing and Renewal of Pipes, Stop-cocks, etc.....	14,912 28
Wells and Pumps, Repairing and Cleaning.....	54 62
Contingencies—Department of Public Works.....	40 10
Street Improvement Fund.....	66,592 99
	\$286,725 36

Respectfully submitted,
D. LOWBER SMITH, Water Purveyor.

Document "F."

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF ENGINEER IN CHARGE OF SEWERS,
No. 31 CHAMBERS STREET, ROOM 9,
NEW YORK, October 15, 1884.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—I beg leave to hand you herewith a statement of the transactions of this office for the quarter ending September 30, 1884.

Respectfully,
STEVENSON TOWLE, Engineer in Charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE OFFICE OF THE ENGINEER IN CHARGE OF SEWERS FOR THE QUARTER ENDING SEPTEMBER 30, 1884.

Credits to General Fund—
Amount received for 321 permits for sewer connections..... \$6,824 76

Engineers' Fees—

Amount of Engineers' and Surveyors' fees assessed on property benefited, charged on assessment lists and credited to Street Improvement Fund..... \$16,067 18

Sewers—Repairing and Cleaning—

Balance on hand June 30, 1884..... \$79,169 50
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Laborers, etc..... \$12,375 31
Special repairs..... 12,270 96
Transportation expenses..... 479 56
Sundries, materials, etc..... 2,779 23
Balance on hand September 30, 1884..... 51,264 44
79,169 50

Salaries—Sewers—Repairing and Cleaning—

Balance on hand June 30, 1884..... \$5,495 86
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Inspectors, etc..... \$2,722 33
Balance on hand September 30, 1884..... 2,773 53
5,495 86

Salaries—Sewerage System—

Balance on hand June 30, 1884..... \$6,648 45
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Engineers, etc..... \$3,917 26
Balance on hand September 30, 1884..... 2,731 19
6,648 45

Surveys, Maps, etc., for Street Openings—

Balance on hand June 30, 1884..... \$9,338 50
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Draughtsmen, etc..... \$2,103 48
Balance on hand September 30, 1884..... 7,235 02
9,338 50

Restoring and Repaving—Special Fund—

Amount received for 474 permits for street openings..... \$5,384 00
Vouchers transmitted to the Commissioner of Public Works—
Pay-rolls of Inspectors, etc..... 912 00
Repaving, etc..... 6,764 00
Sundries..... 64 00

Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works..... \$89,824 97
Pay-rolls of Engineers, etc..... \$7,533 47
Pay-rolls of Inspectors on Sewers..... 3,440 00
On contracts for sewers, etc..... 78,851 50
89,824 97

Work by Mechanics and Laborers—Charles H. Babcock, General Inspector of Sewer Repairs and Cleaning—

604 receiving-basins and culverts cleaned.
15,005 lineal feet of sewer cleaned.
404 lineal feet of sewer rebuilt.
223 lineal feet of sewer repaired.
163 lineal feet of culvert rebuilt.
147 lineal feet of spur-pipe laid.
45 receiving-basins repaired.
8 new basin heads put on.
4 new basin covers put on.
9 basin heads reset.
1 new manhole built.
290 manholes repaired.
213 new manhole heads put on.
78 manhole heads reset.
26 new manhole covers put on.
30 lineal feet of drain built.
71 lineal feet of curb reset.
1,101 square yards of pavement relaid.
31 square feet of flagging relaid.
1 new road box and cover put on.
1 new road box cover put on.
2,194 cubic yards of earth excavated and refilled.
38 cart-loads of earth filled in.
1,987 cart-loads of dirt removed.

Work done by Contract—

6,267 ⁴³/₁₀₀ lineal feet of sewer built.
545 ⁵⁹/₁₀₀ lineal feet of culvert built, and
18 receiving basins built.

Making the present total length of sewerage in the city 2,171,033 lineal feet (411 ¹⁸/₁₀₀ miles) with 5,015 receiving basins.

Document "G."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, ROOM 5, No. 31 CHAMBERS ST.,
NEW YORK, October 3, 1884.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—In compliance with your instructions I hand you herewith a report of the transactions of this bureau for the quarter ending September 30, 1884.

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

STATEMENT OF THE AMOUNT OF WORK DONE ON CONTRACTS DURING THE QUARTER ENDING SEPTEMBER 30, 1884.

Earth excavated, cubic yards.....	12,121
Rock excavated, cubic yards.....	34,425
Filling furnished, cubic yards.....	44,208
Curb-stones set, linear feet.....	8,641 ¹¹ / ₁₆
Curb and gutter stones set, linear feet.....	1,518
Flagging laid, linear feet.....	42,489 ¹ / ₈
Pavement laid, square yards.....	17,700
Picket fence built, linear feet.....	25

WORK DONE IN FRONT OF CITY PROPERTY.

Flagging laid, square feet.....	649 ¹⁸ / ₁₀₀
Flagging relaid, square feet.....	1,364 ⁷ / ₁₀₀

AMOUNT OF VOUCHERS DRAWN.

On account of—	
Street Improvement Fund, contracted for after June 9, 1880	\$70,978 34
Street Improvement Fund, June 9, 1880	234 00
Street Improvements above Fifty-ninth Street, June 9, 1880	22,858 50
Street Improvements—For Surveying, Monumenting and Numbering of Streets	234 00
Flagging Sidewalks and Fencing Vacant Lots in front of City Property	449 39
Contingencies—Department of Public Works	125 00
Total	\$94,879 23

APPROPRIATIONS.

Street Improvements—For Surveying, Monumenting and Numbering of Streets, 1884	\$3,000 00
Outstanding liabilities estimated	\$55 00
Amount of vouchers drawn	627 00
	682 00
Balance estimated	\$2,318 00
Street Improvements—For Surveying, Monumenting and Numbering of Streets, 1883—	
Balance of appropriation	\$63 50
Outstanding liabilities, estimated	15 00
Balance estimated	548 50

FLAGGING SIDEWALKS AND FENCING VACANT LOTS IN FRONT OF CITY PROPERTY.

Appropriation, 1884	\$1,500 00
Outstanding liabilities, estimated	\$50 00
Amount of vouchers drawn	480 59
	530 59
Balance estimated	\$969 41

WORKS COMPLETED.

Regulating, grading, etc.—	
Fifty-third street, Tenth to Eleventh avenue	\$15,193 66
One Hundredth street, Third avenue to five feet east of Fourth avenue	28,805 38
One Hundred and Twelfth street, Madison to Sixth avenue	10,691 70
One Hundred and Thirty-fourth street, St. Nicholas to Eighth avenue	1,912 74
One Hundred and Forty-first street, Seventh to Eighth avenue	7,074 30
	\$63,677 78
Curb and flagging—	
St. Nicholas Place, One Hundred and Fiftieth street to St. Nicholas avenue	1,222 82
Fencing vacant lots—	
In front of Nos. 539 and 541 West Fiftieth street	12 25
Total	\$64,912 85

Statement showing Works under Contract in Bureau of Street Improvements on the 30th day of September, 1884.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, Grading, Curb and Flagging—									
Morningside avenue, One Hundred and Tenth street to Tenth avenue	J. W. O'Grady	Peter J. Moran	James McCarthy	350 days	\$60,599 10	\$17,856 82	\$35,357 02	\$82,499 80	
Morningside avenue, East, and One Hundred and Twenty-third street	L. W. Johnson	Peter J. Moran	R. H. Birmingham	425 "	57,611 54	50,701 20	15,210 36	35,490 84	
Madison avenue, One Hundred and Thirty-fifth street to One Hundred and Thirty-seventh street	P. Farley	W. V. Smith	Harry J. Hume	150 "	6,031 40	1,540 00	462 00	1,078 00	
Eleventh avenue, Kingsbridge road to Dyckman street	Mairs & Daily	W. V. Smith	Not yet appointed.	300 "	109,138 69				
Kingsbridge road, One Hundred and Fifty-fifth street to One Hundred and Ninetieth street	Allen, O'Grady & O'Malley	W. V. Smith	S. Bennett & M. Neary	200 "	71,697 00				
Sixty-fourth street, First avenue to East river	J. McKim & Son	W. V. Smith	Charles McSorley	200 "	16,066 45	7,480 00	2,244 00	5,236 00	
Sixty-sixth street, Eighth avenue to Boulevard	J. Mulholland	F. M. Leonard	Isaac Smith	300 "	14,372 76	11,258 00	3,377 40	7,880 60	
Seventy-fourth street, Eighth avenue to Riverside Drive	James Slattery	H. K. Viele	Peter Meehan	450 "	29,825 41				
Eighty-fifth street, Tenth avenue to Riverside Drive	William Kelly	H. K. Viele	W. J. Weiant	120 "	19,796 60	13,315 00	3,994 51	9,320 49	
Eighty-eighth street, Tenth avenue to Riverside Drive	John Brady	E. L. Viele		75 "	9,180 80	24,125 00	7,236 00	16,884 00	Work completed, but not yet accepted.
Ninety-third street, West End avenue to Riverside Drive	William Kelly	H. K. Viele	Suspended	350 "	33,987 73				Work suspended.
Ninety-fifth street, Ninth avenue to Tenth avenue	James Slattery	W. V. Smith	B. Martin	120 "	7,898 49	4,275 00	1,282 50	2,992 50	
Ninety-fifth street, Tenth avenue to Riverside Drive	John Brady	H. K. Viele	I. R. Mount	50 "	15,676 28	44,002 50	13,200 75	30,801 75	
Ninety-eighth street, Fourth avenue to Fifth avenue	A. Dowdney	M. A. Kellogg	Matthew Stripp	350 "	6,101 50				
One Hundredth street, Fourth avenue to Fifth avenue	T. E. Crimmins	W. V. Smith	J. Chadwick	325 "	9,421 00				
One Hundred and First street, Third avenue to five feet east of Fourth avenue	I. Kinsley	J. McIntyre Smith	J. Reilly	300 "	25,789 44	22,620 00	6,786 00	15,834 00	Work completed, but not yet accepted.
One Hundred and First street, Fourth avenue to Fifth avenue	John B. Devlin	W. V. Smith		275 "	13,230 80	13,959 26	4,187 78	9,771 48	
One Hundred and Third street, Ninth avenue to Tenth avenue	Patrick Farley	W. V. Smith	W. F. Gannon	250 "	7,076 64				
One Hundred and Third street, Tenth avenue to Riverside Drive	W. E. Dean	W. V. Smith	J. H. Reilly	60 "	8,734 30	3,000 00	900 00	2,100 00	
One Hundred and Twelfth street, Seventh avenue to Eighth avenue	P. Farley	J. McIntyre Smith	M. L. Ogden	200 "	7,848 40				
One Hundred and Seventeenth street, Fourth avenue to Fifth avenue	P. Farley	John E. Eustis	Henry Marshall	500 "	35,778 00	30,940 00	9,282 00	21,658 00	
One Hundred and Eighteenth street, Fourth avenue to Sixth avenue	M. Finn	W. V. Smith	Wm. H. Johnson	250 "	29,952 30	12,397 00	3,719 10	8,677 90	
One Hundred and Twenty-second street, Fourth avenue to Madison avenue	J. Phelan	J. McIntyre Smith	J. Lawrence	200 "	18,139 50	15,230 00	4,569 00	10,661 00	
One Hundred and Thirty-second street, Tenth avenue to Broadway	F. Thilemann, Jr.	R. L. Waters	W. E. Paliester	200 "	9,468 56	1,680 00	504 00	1,176 00	
One Hundred and Thirty-fifth street, St. Nicholas avenue to Eighth avenue	D. McGrath	R. L. Waters	F. Goodhue	35 "	1,710 45				
One Hundred and Forty-fourth street, Seventh avenue to New avenue	P. Farley	R. L. Waters	J. McGowan	200 "	12,600 70	3,130 00	954 00	2,226 00	
One Hundred and Fifty-first street, St. Nicholas avenue to Boulevard	Thomas Murray	W. V. Smith	P. Mallon	45 "	5,367 50	4,928 00	1,478 40	3,449 60	
One Hundred and Fifty-third street, sixty feet east of Seventh avenue to New avenue	Patrick Farley	W. V. Smith	Nathan Frank	350 "	23,435 30	16,420 00	4,926 00	11,494 00	
One Hundred and Fifty-seventh street, Tenth avenue to Boulevard	W. E. Dean	W. V. Smith	Wm. J. Delahanty	180 "	12,808 50	7,452 00	2,235 60	5,216 40	
One Hundred and Fifty-eighth street, Kingsbridge road to Public Drive	William Phelan	W. V. Smith	E. T. Bennett	100 "	16,119 15	8,610 00	2,583 00	6,027 00	
One Hundred and Sixty-second street, Tenth avenue to Edgecomb avenue	F. Thilemann, Jr.	W. V. Smith	F. S. Heiser	100 "	10,804 25	1,945 00	583 50	1,361 50	
One Hundred and Sixty-fifth street, Tenth avenue to Eleventh avenue	W. E. Dean	W. V. Smith	Denis Halnan	65 "	7,439 85	7,075 00	2,122 50	4,952 50	
One Hundred and Eighty-fifth street, Tenth avenue to Kingsbridge road	W. J. Reilly	W. V. Smith	A. J. Fleming	90 "	12,336 64				
Special Contracts.									
Flagging—									
East side Eleventh avenue, Thirty-eighth street to Fortieth street	M. Mahony	R. L. Waters		20 "	696 25				
South side Fifty-seventh street, Madison avenue to Fifth avenue	M. Mahony	R. L. Waters		20 "	190 50				
Fencing Vacant Lots—									
Corner New Chambers and Chestnut streets	B. J. Loonam	J. McIntyre Smith		20 "	33 25				
Southwest corner Fourth avenue and Eightieth street	P. Larney	W. V. Smith		20 "	91 23				
Northeast corner One Hundred and Twenty-second street and Fourth avenue	P. Larney	R. L. Waters		20 "	125 09				
Eight and St. Nicholas avenues, One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets	P. Larney	W. V. Smith		20 "	288 05				
West side Boulevard, One Hundred and Twenty-eighth street to One Hundred and Thirty-fourth street	P. Larney	W. V. Smith		20 "	392 16				
Boulevard and Avenues.									
Regulating, Grading, Curb, Flagging, etc.—									
Eleventh avenue, One Hundred and Fifty-fifth street to Kingsbridge road	M. Noonan	G. F. Babcock		300 "	65,523 20	53,545 60	16,063 68	37,481 92	Work completed, but not yet accepted.
Total					\$793,445 76	\$477,530 38	\$143,259 10	\$334,271 28	

Document "H."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS AND ROADS, NO. 31 CHAMBERS STREET,
NEW YORK, October 10, 1884.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—In compliance with your instructions, I have the honor to submit herewith my report for the quarter ending September 30, 1884, of the work done and material used and the amount expended on Boulevards, Roads and Avenues, Maintenance of; also Boulevards—Salaries, and on Roads, Streets and Avenues Unpaved, Maintenance of.

Respectfully,

GEO. E. BABCOCK, Superintendent of Streets.

The following is a statement of the principal work done and material used and removed on the Macadam roads, streets and avenues, during the quarter ending September 30, 1884:

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

180 cubic yards of dirt.
201 cubic yards of sand.
4 cubic yards of Telford.
42 cubic yards of trap rock.
10 cubic yards of stone.
Material removed,
952 cubic yards of dirt.
215 cubic yards of sand.
47 cubic yards of Telford.
35 cubic yards of trap rock.
17 cubic yards of stone.
8 cubic yards of limestone chips.

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

296 cubic yards of dirt.
245 cubic yards of Roa Hook Gravel.
Material removed,
987 cubic yards of dirt.
145 cubic yards of sand.
3 cubic yards of gravel.

Repairing Avenue A, between Fifty-seventh and Eighty-sixth streets—Material used,
153 cubic yards of sand.
5 cubic yards of trap rock.
Material removed,
20 cubic yards of dirt.

First avenue, between One Hundred and Ninth and One Hundred and Tenth streets—Material removed,
10 cubic yards of dirt.

Repairing Pleasant avenue, between One Hundred and Nineteenth and One Hundred and Twenty-fourth streets—Material used,
29 cubic yards of sand.

Park avenue, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets—Material removed,
33 cubic yards of dirt.

Repairing Fifth avenue, between Fifty-ninth and One Hundred and Tenth streets—Material used,
97 cubic yards of sand.
4 cubic yards of gravel.
50 cubic yards of trap rock.
148 cubic yards of broken stone.

Repairing Fifth avenue, between One Hundred and Tenth and One Hundred and Twentieth street—Material used,
50 cubic yards of sand.
Material removed,
247 cubic yards of dirt.

Repairing Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-seventh streets—Material used,
18 cubic yards of dirt.
3 cubic yards of Telford.
138 cubic yards of sand.
6 cubic yards of broken stone.
Material removed,
294 cubic yards of dirt.

Repairing Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets—Material used,
574 cubic yards of dirt.
187 cubic yards of sand.
6 cubic yards of trap rock.
Material removed,
236 cubic yards of dirt.

Repairing Seventy-second street, between Avenue A and Fifth avenue—Material used,
59 cubic yards of sand.

Repairing Seventy-second street, between Ninth and Tenth avenues—Material used,
18 cubic yards of Telford.
Material removed,
14 cubic yards of dirt.

Repairing One Hundred and Tenth street, between First and Tenth avenues—Material used,
4 cubic yards of dirt.
42 cubic yards of sand.
4 cubic yards Telford.
2 cubic yards trap rock.
9 cubic yards of gravel.
Material removed,
56 cubic yards of dirt.

Repairing One Hundred and Sixteenth street, between First and Fifth avenues—Material used,
76 cubic yards of sand.
Material removed,
27 cubic yards of dirt.

One Hundred and Twenty-fourth street, between First and Fifth avenues—Material removed,
6 cubic yards of dirt.

One Hundred and Forty-first street, between Boulevard and Tenth avenue—Material removed,
51 cubic yards of dirt.

Repairing One Hundred and Forty-fourth street, between Boulevard and Tenth avenue—Material used,
13 cubic yards of dirt.

Repairing One Hundred and Forty-fifth street, between Sixth and Eleventh avenues—Material used,
161 cubic yards of dirt.
95 cubic yards of sand.
8 cubic yards of limestone chips.
Material removed,
18 cubic yards of dirt.

Repairing One Hundred and Fifty-fifth street, between Avenue St. Nicholas and Eleventh avenue—Material used,
39 cubic yards of sand.
Material removed,
6 cubic yards of stone.

Repairing Sixty-fifth street, west of Tenth avenue—Material used,
89 cubic yards of dirt.

Repairing Sixty-sixth street, west of Boulevard—Material used,
136 cubic yards of dirt.

Repairing Seventy-third street, west of Boulevard—Material used,
43 cubic yards of dirt.

Repairing Seventy-seventh street, east of Boulevard—Material used,
20 cubic yards of dirt.

Repairing Seventy-eighth street, west of Boulevard—Material used,
18 cubic yards of dirt.

Repairing Eighty-first street, west of Boulevard—Material used,
109 cubic yards of dirt.

Repairing One Hundred and Nineteenth street, Seventh and St. Nicholas avenues—Material used,
6 cubic yards of earth and stone.

Repairing One Hundred and Twenty-second street, between Boulevard and Riverside Drive—Material used,
57 cubic yards of sand.
8 cubic yards of stone.

Repairing One Hundred and Twenty-eighth street, east of St. Nicholas avenue—Material used,
28 cubic yards of dirt.

Repairing One Hundred and Twenty-eighth street, west of St. Nicholas avenue—Material used,
22 cubic yards of dirt.

Repairing One Hundred and Thirtieth street, west of Eighth avenue—Material used,
14 cubic yards of dirt.

Repairing One Hundred and Thirty-third street, east of Avenue St. Nicholas—Material used,
9 cubic yards of dirt.

Repairing One Hundred and Thirty-sixth street, east of Boulevard—Material used,
8 cubic yards of stone.

Repairing One Hundred and Thirty-seventh street, east of Boulevard—Material used,
16 cubic yards of dirt.

Repairing One Hundred and Thirty-eighth street, east of Avenue St. Nicholas—Material used,
45 cubic yards of dirt.

Repairing One Hundred and Thirty-eighth street, east of Boulevard—Material used,
71 cubic yards of dirt.

Repairing One Hundred and Thirty-ninth street, west of Boulevard—Material used,
16 cubic yards of dirt.

Repairing One Hundred and Fifty-second street, between Tenth avenue and Boulevard—Material used,
21 cubic yards of sand.

Repairing One Hundred and Fifty-third street, west of Boulevard—Material used,
5 cubic yards of dirt.
6 cubic yards of stone.

Repairing New avenue, between One Hundred and Twenty-second and One Hundred and Twenty-third streets—Material used,
204 cubic yards of dirt.

Repairing Tenth avenue, between Seventieth and Seventy-first streets—Material used,
15 cubic yards of dirt.

Repairing Tenth avenue, between Seventy-fourth and Seventy-fifth streets—Material used,
14 cubic yards of dirt.

Repairing Tenth avenue, between One Hundred and Ninth and One Hundred and Tenth streets—Material used,
4 cubic yards of dirt.

The following is the principal work done and material used at the Repair Shop on New avenue and One Hundred and Twenty-second street:
Building 2 new tool carts; sharpening 84 picks; steeling 42 picks; sharpening 8 crow-bars. Material used—55 pounds of white lead; 2 3/4 gallons oil; 3 pounds of black lead; 1 1/2 gallons turpentine; 5 pounds of red lead; 1 quart varnish; 8 pounds of putty; 162 pounds of iron; 5 pounds of axle grease; 27 pounds of nails; 3 gross of screws; 166 carriage bolts; 22 feet of pine; 100 feet of shelving; 135 feet of oak.

The following Macadam roadways were sprinkled during the quarter ending September 30, 1884:

Seventy-second street, between Avenue A and Fifth avenue.
Seventy-second street, between Eighth avenue and Western Boulevard.
Fifth avenue, between Fifty-eighth and One Hundred and Twentieth streets.
Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-fifth streets.
Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.
Eastern Boulevard, between Fifty-seventh and Eighty-sixth streets.
First avenue, between One Hundred and Ninth and One Hundred and Sixteenth streets.
Pleasant avenue, between One Hundred and Nineteenth and One Hundred and Twenty-fourth streets.
Manhattan street, between Ninth avenue and Avenue St. Nicholas.
Mount Morris Park avenue, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets.
One Hundred and Tenth street, between First avenue and Western Boulevard.
One Hundred and Sixteenth street, between Pleasant and Seventh avenues.
One Hundred and Twenty-third street, between Mount Morris and Eighth avenues.
One Hundred and Twenty-fourth street, between Pleasant and Eighth avenues.
Avenue St. Nicholas, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.
One Hundred and Forty-fifth street, between Sixth avenue and Western Boulevard.
One Hundred and Fifty-fifth street, between Avenue St. Nicholas and Western Boulevard.
Western Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets.

The following is a statement of work done and material used over sewer and water connections during the quarter ending September 30, 1884:

Repairing over sewer connection on east side of First avenue, twenty-five feet south of One Hundred and Thirteenth street—Material used,
5 cubic yards of Telford.

Repairing over sewer connection on north side of One Hundred and Sixteenth street, sixty-five feet east of Third avenue—Material used,
1 cubic yard of sand.
1 1/2 cubic yards of broken stone.

Repairing over sewer connection on south side of One Hundred and Sixteenth street, eighty feet east of Third avenue—Material used,
1 cubic yard of sand.
1 cubic yard of broken stone.

Repairing over water connection on south side of One Hundred and Sixteenth street, eighty-two feet east of Third avenue—No material used.

Repairing over sewer connection north side of One Hundred and Sixteenth street, eighty-five feet east of Third avenue—Material used was,
1 cubic yard of sand.
1 cubic yard of broken stone.

Repairing over sewer connection on south side of One Hundred and Sixteenth street, 125 feet west of Third avenue—No material used.

Repairing over water tap repair, No. 224 East One Hundred and Sixteenth street—Material used,
1 cubic yard of sand.
1 cubic yard of broken stone.

Repairing over water tap repair, No. 335 East One Hundred and Sixteenth street—No material used.

Repairing over water tap, No. 344 East One Hundred and Sixteenth street—Material used,
1 cubic yard of sand.
1 cubic yard of broken stone.

Repairing over water tap repair, No. 344 East One Hundred and Sixteenth street—No material used.

Repairing over sewer connection repair, No. 350 East One Hundred and Sixteenth street—Material used,
1 cubic yard of sand.
1 cubic yard of broken stone.

Repairing over water tap, No. 350 East One Hundred and Sixteenth street—No material used.

Repairing over water tap repair, No. 407 East One Hundred and Sixteenth street—No material used.

Repairing over sewer connection, south side of One Hundred and Twenty-fourth street, 175 feet east of Second avenue—Material used,
3 cubic yards of trap rock.
3 cubic yards of sand.

Repairing over sewer connection repair, No. 109 East One Hundred and Twenty-fourth street—Material used,
1 cubic yard of sand.
1 cubic yard of Telford.

Repairing over water tap, northeast corner One Hundred and Twenty-fourth street and Madison avenue—No material used.

Repairing One Hundred and Sixteenth street, between Pleasant and Second avenues—Material used,
21 cubic yards trap rock.
26 cubic yards sand.

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

Amount appropriated for 1884.....	\$50,000 00
Amount expended for the first quarter.....	5,131 64
Balance April 1, 1884.....	\$44,868 36
Amount expended for the second quarter.....	16,174 46
Balance July 1, 1884.....	\$28,693 90
Amount expended during the third quarter is as follows:	
Pay-roll, Laborers, June 30, 1884.....	\$3,094 87
“ July 15, 1884.....	2,719 29
“ July 31, 1884.....	3,603 37
“ August 15, 1884.....	3,201 24
“ August 31, 1884.....	3,227 00
“ September 15, 1884.....	3,494 49
Gravel.....	432 65
Horse-keep.....	90 00
Lumber.....	202 34
Coal.....	6 50
Horse-shoeing.....	13 50
Sundry articles.....	151 32
Repairs to harness.....	7 85
Repairs to sprinklers.....	19 20
	20,263 62
Balance October 1, 1884.....	\$8,430 28

The following is a statement of the appropriations and expenditures on Boulevards, Maintenance of—Salaries, etc.:

Amount appropriated for 1884.....	\$2,100 00
Amount expended for the first quarter.....	375 00
Balance April 1, 1884.....	\$1,725 00
Amount expended for the second quarter.....	375 00
Balance July 1, 1884.....	\$1,350 00
Amount expended for the third quarter is as follows:	
Pay-roll of Clerk, July.....	\$125 00
“ August.....	150 00
“ September.....	150 00
	425 00
Balance October 1, 1884.....	\$925 00

Balance January 1, 1884, of the appropriation for Boulevards, Roads and Avenues, Maintenance of, 1883.....	\$5,232 69
Amount expended for the first quarter	3,223 91
Balance April 1, 1884.....	\$2,008 78
Amount expended for the second quarter.....	114 11
Balance July 1, 1884.....	\$1,894 67
Amount expended for the third quarter is as follows:	
Trap rock	457 41
Balance October 1, 1884.....	\$1,437 26

The following is a statement of work done and material used on the unpaved roads, streets and avenues during the quarter ending, September 30, 1884:

Repairing Sixty-seventh street, between Eleventh avenue and Avenue St. Nicholas.
 Repairing Eighty-seventh street, between Ninth avenue and Western Boulevard.
 Repairing Eighty-eighth street, between Ninth avenue and Western Boulevard.
 Repairing One Hundred and Second street, between Fourth and Madison avenues.
 Repairing One Hundred and Third street, between Fourth and Madison avenues.
 Repairing One Hundred and Thirtieth street, between Tenth avenue and Riverside Drive.
 Repairing One Hundred and Thirty-eighth street, between Old Broadway and Western Boulevard.
 Repairing One Hundred and Fiftieth street, between Tenth avenue and Avenue St. Nicholas.
 Repairing One Hundred and Fifty-first street, between Western Boulevard and Riverside Drive.
 Repairing One Hundred and Fifty-second street, between Western Boulevard and Hudson river.
 Repairing One Hundred and Fifty-fourth street, between Eighth avenue and McComb's Dam road.
 Repairing One Hundred and Fifty-fifth street, between Seventh avenue and McComb's Dam road.
 Repairing One Hundred and Seventy-fifth street, between Tenth avenue and Kingsbridge road.
 Repairing Madison avenue, between One Hundred and First and One Hundred and Third streets.
 Repairing Ninth avenue, between Eighty-eighth and One Hundred and Sixth streets.
 Repairing Tenth avenue, between Eightieth and Ninety-third streets.
 Repairing Tenth avenue, between One Hundred and Sixteenth and One Hundred and Twenty-fifth streets.
 Repairing St. Nicholas avenue, between One Hundred and Fifty-fifth and One Hundred and Sixty-second streets.
 Repairing Depot lane, between Kingsbridge road and Hudson river.
 Repairing Inwood lane, between Kingsbridge road and Hudson river.
 Repairing Audubon Park road, between Eleventh avenue and Hudson river.
 Repairing Farmers' Bridge road, between Kingsbridge road and Harlem river.
 Repairing Kingsbridge road, between One Hundred and Ninetieth street and Inwood lane.
 Repairing culverts at Two Hundred and Tenth street and Kingsbridge road.
 Repairing culverts at Two Hundred and Twenty-fourth street and Kingsbridge road.
 Repairing 326 feet of culvert on Inwood lane and F street.

The following is the amount of material used:

3031 cubic yards of earth and clay.
 317 cubic yards of screenings.
 28 cubic yards of limestone chips.
 83 cubic yards of gneiss stone.

The following are the unpaved roads, streets, and avenues that have been sprinkled during the quarter ending September 30, 1884:

One Hundred and Forty-fifth street, between Seventh avenue and McComb's Dam road.
 One Hundred and Fifty-fifth street, between Ninth avenue and Avenue St. Nicholas.
 One Hundred and Seventy-third street, between Tenth avenue and Kingsbridge road.
 Tenth avenue, between One Hundred and Forty-third and One Hundred and Fifty-first streets.
 Tenth avenue, between One Hundred and Sixty-second and One Hundred and Seventy-second streets.
 Avenue St. Nicholas, between One Hundred and Fifty-fifth and One Hundred and Sixty-second streets.
 Old Broadway, between One Hundred and Thirty-eighth and One Hundred and Fifty-first streets.
 Kingsbridge road, between One Hundred and Sixty-second street and Spuyten Duyvel.
 McComb's Dam road, between One Hundred and Fiftieth and One Hundred and Fifty-fourth streets.
 Farmers' Bridge road, between Kingsbridge road and Harlem river.

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

Amount appropriated for 1884.....	\$30,000 00
Amount expended for the first quarter.....	2,550 00
Balance April 1, 1884.....	\$27,450 00
Amount expended for the second quarter.....	5,081 43
Balance July 1, 1884.....	\$22,368 57
Amount expended for the third quarter is as follows:	
Pay-roll of Laborers, etc., June 30, 1884.....	\$1,063 50
“ “ “ July 15, 1884.....	935 37
“ “ “ July 31, 1884.....	1,238 37
“ “ “ August 15, 1884.....	1,093 74
“ “ “ August 31, 1884.....	1,110 12
“ “ “ September 15, 1884.....	1,144 37
Repairing tools, etc.	155 61
Powder and fuse.....	13 96
Lumber.....	54 50
Use of horse and wagon.....	180 00
	6,989 54
Balance October 1, 1884.....	\$15,379 03

Document "I."

DEPARTMENT OF PUBLIC WORKS,
 BUREAU OF LAMPS AND GAS,
 NEW YORK, October 15, 1884.

Hon. HUBERT O. THOMPSON, 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, 1884.

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

In Exhibit "B" is a summary of the appropriations for "Lamps and Gas and Electric Lighting," showing an expenditure during the quarter of one hundred and sixty-seven thousand nine hundred and nineteen dollars and sixty-three cents (\$167,919.63), and for the nine months of four hundred and six thousand eight hundred and fifty dollars and seventy-one cents (\$406,850.71). The outstanding liabilities amount to fifty-six thousand one hundred and ten dollars and six cents (\$56,110.06), leaving an available balance of two hundred and ten thousand and thirty-nine dollars and twenty-three cents (\$210,039.23).

Exhibit "C" is a summary of the appropriation for "Lamps and Gas and Electric Lighting—Salaries," and this shows an expenditure during the quarter of fifteen hundred and eighty-four dollars (\$1,584), and for the nine months of forty-six hundred and fifty-five dollars and twenty-two cents (\$4,655.22), leaving an available balance of eleven hundred and sixty dollars and seventy-eight cents (\$1,160.78).

In Exhibit "D" is a summary of the "Lamp Account," and this shows the number of new lamps lighted, old lamps relighted, and lamps discontinued during the quarter; a total of two hundred and twelve new gas-lamps having been lighted, one hundred and thirteen new electric-lamps lighted, fifty-seven gas-lamps relighted, and six hundred and forty six gas-lamps discontinued. The total number of gas-lamps lighted on September 30, 1884, was twenty-two thousand seven hundred

and seven, and the total number of electric-lamps was six hundred and forty-seven. Of the gas-lamps discontinued five hundred and ninety-one were displaced by the one hundred and thirteen new electric-lamps.

Exhibit "E" is a statement showing the lowest, highest and average illuminating power of the gases supplied to the city by the New York, Manhattan, Metropolitan, New York Mutual, Municipal and Harlem Gas-light Companies during the quarter.

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

OF WHAT COMPANY.	SULPHUR. (Grs. in 100 cu. ft.)	AMMONIA. (Grs. in 100 cu. ft.)	SULPHURETTED HYDROGEN.
New York Gas-light Co.....	3.53	0.55	None.
Manhattan Gas-light Co.....	19.53	15.24	"
N. Y. Mutual Gas-light Co.....	4.09	0.83	Traces.
Municipal Gas-light Co.....	3.21	0.25	None.
Metropolitan Gas-light Co.....	20.68	6.88	"
Harlem Gas-light Co.....	26.65	17.19	"

The following table will show the specific gravity of the gases:

New York Gas-light Company, specific gravity.....	.632 to .642
Manhattan Gas-light Company, ".....	.416 to .434
N. Y. Mutual Gas-light Company, ".....	.694 to .708
Municipal Gas-light Company, ".....	.650 to .664
Metropolitan Gas-light Company, ".....	.530 to .554
Harlem Gas-light Company, ".....	.415 to .430

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

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
	Inches.	Inches.		Miles.
New York Gas-light Co.....	1.32	1.27	Cor. Bowery and Grand street..	2.10
Manhattan Gas-light Co.....	2.33	1.32	" " "	1.10
N. Y. Mutual Gas-light Co.....	2.54	2.11	" " "	1.10
Municipal Gas-light Co.....	1.96	1.32	" " "	3.00
Metropolitan Gas-light Co.....	1.56	0.91	{ Seventy-ninth street, between } { Second and Third avenues. }	3.20
Harlem Gas-light Co.....	2.88	1.33	{ Seventy-ninth street, between } { Second and Third avenues. }	1.10

The Brush Electric Illuminating Company have erected electric-lamps during the quarter on Fourth avenue, from Eighteenth to Thirty-fourth street; Park avenue, from Thirty-fourth to Forty-second street; Fifth avenue, from Thirty-fourth to Fifty-ninth street; Broadway, from Thirty-fourth to Fifty-ninth street; and Fifty-ninth street, from Third to Ninth avenue; thereby completing all the streets covered by the electric-light contracts.

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

EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Offices, etc., and for Fitting-up, Repairing and Lighting the Public Lamps, etc., for the Quarter ending September 30, 1884.

Washington Market.....	\$303 15
Catharine Country Market.....	15 60
Catharine Meat Market.....	25 65
Fulton Meat Market.....	266 70
Fulton Country Market.....	335 70
Essex Market.....	93 00
Centre Market.....	108 90
Clinton Market.....	229 95
Union Market.....	12 90
Tompkins Market.....	428 70
Jefferson Market.....	129 00
First District Police Court.....	148 35
Second District Police Court.....	238 50
Third District Police Court.....	104 85
Fourth District Police Court.....	158 10
Fifth District Police Court.....	7 42
First District Civil Court.....	30 30
Second District Civil Court.....	14 10
Fourth District Civil Court.....	19 80
Fifth District Civil Court.....	74 55
Sixth District Civil Court.....	11 10
Eighth District Civil Court.....	7 80
Ninth District Civil Court.....	45
Tenth District Civil Court.....	3 60
Court-room, Brown-stone Building.....	60 60
New Court-house.....	953 70
City Hall.....	266 25
Department of Public Works.....	137 80
Receiver of Taxes' Office.....	103 20
Corporation Attorney's Office.....	51 30
Assessment Commission's Office.....	6 15
Tax Commissioners' Office.....	3 45
Pipe Yard, Rivington street.....	2 80
County Jail.....	656 75
Clock Tower, Third District Court-house.....	430 95
South Gate-house.....	91 95
Engine-house, High Bridge.....	78 98
Engine-house, Ninety-eighth street.....	155 93
Repair Shop, Water Purveyor's, Thirtieth street.....	5 65
Repair Shop, Water Purveyor's, Eighty-third street.....	5 61
Repair Shop, Water Purveyor's, One Hundred and Twenty-ninth street.....	9 23
Photometrical Room, Grand street.....	17 78
Photometrical Room, Seventy-ninth street.....	6 98
Public Bath, Battery, North river.....	35 40
Public Bath, Gouverneur Slip, East river.....	25 80
Public Bath, Duane street, North river.....	14 40
Public Bath, Fifth street, East river.....	45 60
Public Bath, Horatio street, North river.....	31 35
Public Bath, Nineteenth street, East river.....	28 05
Public Bath, Thirty-seventh street, East river.....	33 60
Public Bath, Fifty-first street, North river.....	28 35
Public Bath, One Hundred and Twelfth street, East river.....	39 59
Public Bath, Morrisania, Harlem river.....	18 30
Armory Seventh Regiment.....	1,663 05
Armory Eighth Regiment.....	522 60
Armory Ninth Regiment.....	1,020 75
Armory Eleventh Regiment.....	252 15
Armory Twelfth Regiment.....	516 45
Armory Twenty-second Regiment.....	1,057 65
Armory Sixty-ninth Regiment.....	522 60
Armory Seventy-first Regiment.....	445 05
Armory Gatling Battery E.....	235 50

Armory Battery K.....	\$58 50
Gas examinations.....	311 00
Lighting Public Markets (Pay-rolls).....	285 00
Cleaning Photometrical Rooms (Pay-rolls).....	15 00
New lamp-posts.....	525 00
New lamp-posts, Twenty-third and Twenty-fourth Wards.....	922 50
New street-lamps.....	797 50
New crossheads.....	3 70
Lamp map of Twenty-third Ward.....	195 00
Drawing materials.....	5 80
Photometrical Rooms, Grand street—Rent.....	150 00
Photometrical Rooms, Seventy-ninth street—Rent.....	90 00
Fitting-up new lamps.....	384 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards.....	600 00
Resetting and repairing lamp-posts.....	1,615 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	186 00
Lighting public lamps.....	86,797 06
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	28,615 50
Lighting electric lamps.....	33,947 90

Total.....\$167,919 63

RECAPITULATION.

Gas to public offices, etc.....	\$12,473 17
Supplies for public lamps, etc.....	2,378 00
Supplies for public lamps, Twenty-third and Twenty-fourth Wards.....	922 50
Fitting-up new lamps.....	384 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards.....	600 00
Resetting and repairing lamp-posts.....	1,615 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	186 00
Lighting public lamps.....	86,797 06
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	28,615 50
Lighting electric lamps.....	33,947 90

Total.....\$167,919 63

EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," for 1884, showing the Amounts Expended during the First, Second and Third Quarters of the Year, and the Balance to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting," for year 1884.....	\$673,000 00
Amount of vouchers drawn during the quarter ending March 31.....	\$95,199 35
Amount of vouchers drawn during the quarter ending June 30.....	143,731 73
Amount of vouchers drawn during the quarter ending September 30.....	167,919 63

Total amount of vouchers drawn to September 30.....406,850 71

Balance against which no vouchers have been drawn.....\$266,149 29

LIABILITIES.

New York Gas-light Co., lighting public lamps, month of September.....	\$4,235 17
Manhattan Gas-light Co., ".....	8,506 82
Metropolitan Gas-light Co., ".....	6,513 79
N. Y. Mutual Gas-light Co., ".....	730 41
Harlem Gas-light Co., ".....	9,318 10
Central Gas-light Co., ".....	5,937 26
Northern Gas-light Co., ".....	4,107 66
Yonkers Gas-light Co., ".....	812 50
Brush Electric Illuminating Co., ".....	7,214 20
United States Illuminating Co., ".....	6,245 40
Harlem Gas-light Co., piping Madison Avenue Bridge.....	495 00
E. P. Gleason Manufacturing Co., horse and truck.....	180 00
John Matthews, glass street signs.....	503 50
E. H. Sentenne, metal street signs.....	800 00
J. L. Mott Iron Works, iron bolts.....	5 25
J. L. Mott Iron Works, cast-iron lamp-posts.....	525 00

Balance available.....\$210,039 23

EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," for 1884, showing the Amounts Expended during the First, Second and Third Quarters, with the Balance standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting—Salaries," for 1884.....	\$5,816 00
Amount of vouchers drawn during the quarter ending March 31.....	\$1,553 22
Amount of vouchers drawn during the quarter ending June 30.....	1,518 00
Amount of vouchers drawn during the quarter ending September 30.....	1,584 00

Total amount of vouchers drawn to September 30.....4,655 22

Balance against which no vouchers have been drawn.....\$1,160 78

EXHIBIT "D."

Summary of the "Lamp Account," showing the Number of New Lamps Lighted, Old Lamps Relighted, and Lamps Discontinued during the Quarter ending September 30, 1884.

NEW YORK GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	2,821
Number of new lamps lighted during the quarter.....	3
Number of old lamps relighted during the quarter.....	9
Less lamps discontinued during the quarter.....	2,833 2
Number of lamps lighted September 30, 1884.....	2,831

MANHATTAN GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	5,972
Number of new lamps lighted during the quarter.....	3
Number of old lamps relighted during the quarter.....	2
Less lamps discontinued during the quarter.....	5,977 240
Number of lamps lighted September 30, 1884.....	5,737

METROPOLITAN GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	4,545
Number of new lamps lighted during the quarter.....	27
Number of old lamps relighted during the quarter.....	3
Less lamps discontinued during the quarter.....	4,575 289
Number of lamps lighted September 30, 1884.....	4,286

NEW YORK MUTUAL GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	542
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	2
Less lamps discontinued during the quarter.....	541 74

Number of lamps lighted September 30, 1884.....470

HARLEM GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	5,436
Number of new lamps lighted during the quarter.....	34
Number of old lamps relighted during the quarter.....	30
Less lamps discontinued during the quarter.....	5,500 21

Number of lamps lighted September 30, 1884.....5,479

CENTRAL GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	2,054
Number of new lamps lighted during the quarter.....	71
Number of old lamps relighted during the quarter.....	11
Less lamps discontinued during the quarter.....	2,136 20

Number of lamps lighted September 30, 1884.....2,116

NORTHERN GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	1,389
Number of new lamps lighted during the quarter.....	74
Number of old lamps relighted during the quarter.....	0
Less lamps discontinued during the quarter.....	1,463 0

Number of lamps lighted September 30, 1884.....1,463

YONKERS GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1884.....	325
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	0
Less lamps discontinued during the quarter.....	325 0

Number of lamps lighted September 30, 1884.....325

Total number of gas-lamps lighted September 30, 1884.....22,707

ELECTRIC-LAMPS.

BRUSH ELECTRIC ILLUMINATING COMPANY.

Number of lamps lighted June 30, 1884.....	235
Number of new lamps lighted during the quarter.....	112
Number of old lamps relighted during the quarter.....	0
Less lamps discontinued during the quarter.....	347 0

Number of lamps lighted September 30, 1884.....347

UNITED STATES ILLUMINATING COMPANY.

Number of lamps lighted June 30, 1884.....	299
Number of new lamps lighted during the quarter.....	1
Number of old lamps relighted during the quarter.....	0
Less lamps discontinued during the quarter.....	300 0

Number of lamps lighted September 30, 1884.....300

Total number of electric-lamps lighted September 30, 1884.....647

RECAPITULATION.

Number of gas-lamps lighted June 30, 1884.....	23,084
Number of electric-lamps lighted June 30, 1884.....	534
Number of new gas-lamps lighted during the quarter.....	212
Number of new electric-lamps lighted during the quarter.....	113
Number of gas-lamps relighted during the quarter.....	57
Number of electric-lamps relighted during the quarter.....	0

Less gas-lamps discontinued during the quarter.....24,000

Less electric-lamps discontinued during the quarter.....0

Total number of gas and electric lamps, September 30, 1884.....23,354

EXHIBIT "E."

Statement giving the Illuminating Power of the Gas supplied by the several Gas-light Companies during the Quarter ending September 30, 1884, 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.
Week Ending—																		
July 5.....	23.27	26.45	24.79	25.45	29.25	27.63	26.11	31.52	28.63	20.87	22.67	21.72	17.20	17.72	17.43	17.59	20.04	18.46
" 12.....	23.49	25.33	24.53	26.96	28.02	27.54	26.39	28.55	27.92	21.80	23.05	22.50	17.03	18.33	17.69	16.62	19.46	17.73
" 19.....	22.20	28.57	24.89	25.46	28.76	26.81	27.88	32.14	30.32	21.30	22.25	21.69	17.45	20.04	18.84	16.12	17.33	16.66
" 26.....	22.54	25.14	23.64	25.22	27.54	26.67	25.23	30.22	28.21	21.25	22.78	21.95	17.45	18.56	17.82	17.45	19.98	18.72
Aug 2.....	24.56	25.94	25.29	26.04	28.40	27.16	26.48	28.86	28.08	20.15	21.24	20.78	18.20	18.85	18.53	17.50	18.46	18.06
" 9.....	24.91	26.30	25.75	27.10	28.02	27.67	27.00	32.14	29.39	21.50	24.00	22.34	17.55	20.25	18.85	17.99	18.84	18.31
" 16.....	24.74	25.72	25.25	27.97	28.59	28.26	27.92	29.40	28.56	23.03	23.57	23.26	17.80	18.74	18.39	17.42	18.38	17.99
" 23.....	23.72	25.28	25.01	27.30	28.35	27.90	25.23	29.14	27.56	21.96	23.76	22.45	17.28	18.56	18.14	17.53	20.26	19.04
" 30.....	24.02	26.35	25.50	27.95	29.50	28.84	27.66	31.37	29.33	22.46	23.01	22.81	18.32	18.91	18.64	18.10	18.83	18.46
Sept. 6.....	24.20	25.15	25.30	28.65	29.22	28.98	26.67	29.01	27.89	22.08	24.52	23.02	17.59	19.03	18.44	17.27	19.00	18.56
" 13.....	23.92	25.19	24.56	27.67	31.32	29.31	27.81	29.46	28.45	21.90	24.01	22.58	18.29	20.03	19.06	17.49	20.00	19.02
" 20.....	21.03	24.74	23.26	26.52	28.66	27.56	26.75	29.91	28.45	21.24	22.87	22.10	17.72	18.86	18.06	17.32	18.83	18.23
" 27.....	22.90	24.52	23.85	27.66	29.44	28.66	27.34	30.67	29.03	22.38	23.33	22.85	17.74	18.52	18.19	17.19	18.76	18.29
Distance from Gas Works. f	2 1/10 Miles.			3 1/10 Miles.			1 7/10 Miles.			3 1/10 Miles.			1 1/10 Miles.			1 7/10 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.		

Document "J."

CITY OF NEW YORK—DEPARTMENT OF PUBLIC WORKS,
BUREAU OF REPAIRS AND SUPPLIES,
SUPERINTENDENT'S OFFICE, No. 31 CHAMBERS STREET, ROOM 15,
NEW YORK, October 31, 1884.

Hon. HUBERT O. THOMPSON, *Commissioner of Public Works* :

SIR—In accordance with your instructions I have the honor to submit the following report of the transactions of this Bureau for the three months ending September 30, 1884.

Among the principal items were the following :

The New Court-house.—In the Supreme Court, Parts One, Two and Three ; the General Term room, Special Term and the ante rooms the walls have been cleaned and painted, and all the hardwood work varnished, the desks and furniture repaired, and a cylinder desk furnished for Judges' room, and about 350 yards of Brussels carpet, 245 yards of linoleum, and 15 yards of cocoa matting have been laid in the General Term and ante-room and in Parts I. and II., Circuit.

The carpet in the Comptroller's Office has been taken up, cleaned and relaid with new lining.

In the Surrogate's Office the iron shutters have been repaired, the hinges furnished with new lathe turned pins and releaded, and made secure wherever they had become loosened ; 18 new Holland shades, with spring rollers, have been put up, and about 100 yards of the best body Brussels carpet laid in the Surrogate's private rooms.

New main lifting ropes, and valve rope and thimbles, have been put on the elevator, the piston repacked, the valve repaired, and the gearing of the counter-balance put in order.

The exterior of all the window frames and sash have been painted and the glazing repaired.

The No. 5 steam pump has been repaired.

An awning has been put on the window of the Paymaster's Office, Finance Department.

Two black-walnut desks and rotary chairs have been furnished for use of the office of the Commissioners of Accounts.

About 3,300 yards of carpet in the Court-rooms in the County Court-house and the Brown-stone Building have been taken up, cleaned, and relaid with new lining.

General repairs have been made to the plumbing and gas-fitting.

Common Pleas.—A new Demorest water-closet and urinal, with drain and ventilation pipes, has been put up in Judges' room.

City Hall.—The City Library.—The ceiling has been washed off and kalsomined, the walls cleaned and painted, all the grained work touched up and varnished, new globes and burners put on gas fixtures, about 100 yards of linoleum laid, and large door-mat furnished.

Office of the Board of Aldermen.—The three rooms and connecting closets on the first floor, used by the Board of Aldermen, have been painted, ceilings kalsomined, grained work touched up and varnished, and about 185 yards of Brussels carpet and 100 yards of linoleum laid, and 5 Cocoa mats furnished. New globes and burners placed on gas fixtures.

Two new ventilators have been put on the roof, the old ones repaired, new chimney-tops put on, the gutters relined, and the entire roof repaired and painted and made weather-proof.

City Court.—Ten new window shades have been put up, and nine old ones repaired : carpets taken up, cleaned, and relaid, with new lining, on the Judge's bench in Parts One, Two, Three and Chambers, and the Judges' and Clerks' rooms. Four wire screens have been placed in the windows of the Judges' and Clerks' rooms.

Steam Heating.—A contract for furnishing material and apparatus, and performing the work for heating, by steam, the rooms and offices in the City Hall, was entered into, and the work is being pushed forward as rapidly as possible.

A new galvanized iron skylight, glazed with three-eighth-inch glass, has been placed over the main staircase hall.

Brown-stone Building.—Court of General Sessions, Parts One and Two, the Grand Jury room, the Recorder's rooms and the office of the Receiver of Taxes have been cleaned, the plastering repaired, the ceilings kalsomined, the walls painted, the woodwork touched up, grained and varnished.

About 500 yards of Brussels carpet and 107 yards of linoleum, 26 yards of cocoa matting and 9 cocoa door-mats have been furnished and laid in the Court of General Sessions, Parts One and Two, Chambers, the Petit Jury and Recorder's rooms.

In the Clerk's office about 50 yards of linoleum and 11 yards of cocoa matting have been laid, and one large door-mat and two desk-rugs furnished.

In the office of the Receiver of Taxes, about 200 yards of linoleum and 20 yards of Brussels carpet have been laid, and 20 new window shades put up.

Thirty new window frames and sash, painted and all complete, have been put in on the two upper stories.

The roof has been repaired on north and east sides of building, the gutters replanked and relined, the entire roof painted, new copper leader tubes and basket strainers have been put in, and all the ventilators repaired and painted.

The boiler has been overhauled and repaired, new tubes, hand-hole plates and head have been put in.

The gas fixtures in the Court rooms and in the office of the Receiver of Taxes have been repaired, and new burners and shades supplied where needed. A new Demorest water-closet, with drain and ventilating pipes complete, was put up in the Recorder's room.

The cellar has been cleaned, and all dirt and rubbish removed.

Hall of Records.—Extensive repairs and alterations have been made in this building. The plumbing work has been overhauled, new water-closets and urinals put in, with necessary drain and ventilating-pipes. A new force-pump to supply the tanks put in, and the whole work put in complete order. The gas fixtures have been put in order, and new Argand burners and shades supplied to the desks.

The ceilings and interior walls have been cleaned, the plastering repaired, the walls painted, and all the woodwork touched up, grained and varnished.

A new paneled ash partition, having panels of ground glass, has been put up to inclose a private office for the Register ; also, a paneled counter-railing with ornamental iron-wire top screen to inclose the desks ; new book-racks and pigeon-holes have been built and put in place, and the carpenter work throughout the building put in proper repair, and all necessary alterations made. The marble tiling has been repaired and new stone-sills set in the doorways in the office.

Fourteen new awnings have been put up.

The cellar has been cleaned, and all the ashes and rubbish carted away.

Office of the Bureau of Roads, One Hundred and Twenty-second street and New Avenue.—The roof has been repaired and painted.

No. 12 Chambers street.—The gutters have been relined and painted and the slate roof repaired.

Office of Corporation Counsel.—A paneled partition has been put up, and a set of pigeon-holes, twelve feet long, furnished. Two new desks, one rotary chair and one library table furnished, and a new awning put up.

No. 31 Chambers Street.—The shelving in the safe in the Engineer's office has been altered and the lock repaired.

A case for reports built ; six platforms for high desks furnished and a drop shelf put up.

Carpet has been laid in the rooms of the Chief Engineer, on the upper floor.

A black walnut case, nine feet long, with suitable pigeon holes, has been put up in the Bureau of Street Improvements, and repairs made to the desks and the gas fixtures altered and repaired.

The piston of the elevator has been repacked, and a new float and chain furnished for the basement tank.

About 60 yards of Brussels carpet has been laid in the Water Register's room.

A black walnut case has been built for books and papers, and a map case has been put up in the Deputy Commissioner's room.

The cellar has been cleaned, and all the dirt and rubbish removed.

Clinton Market.—The flooring around the fish stands and in various other places in the market has been repaired.

Jefferson Market.—The tin roofs and the gutters have been repaired and painted.

Centre Market.—The exterior walls and cornices have been painted, and the brickwork penciled ; the windows have been glazed and sash rehung where necessary ; the leaders have been repaired and new pipe furnished where needed ; the doors and windows in the basement on Grand and Centre streets, have been put in proper order and new shutters put on.

Washington Market.—The building is entirely inclosed and the work progressing rapidly toward completion.

Vesey Street Pier.—About eight hundred superficial feet of this pier has been repaired with four-inch planking, and new stringers put in to support the flooring of the dock.

First District Police Court.—Two wrought iron pens, for prisoners, have been constructed in the court room.

Ten new window-shades, with spring rollers put up. And the flooring in front of the Judge's bench repaired.

County Jail.—The furnace under the boiler has been repaired, and new fire tools furnished.

Third District Police Court.—Six new boxes for documents have been made, and the furniture removed to the basement of the New Court House, on account of alterations to the building.

Third District Court House.—A new Demorest water-closet and tank, has been put in, and the plumbing work put in order.

Sixth District Civil Court.—Eight new window shades, with Hartshorn spring rollers, have been put up.

Seventh District Civil Court.—The clerk's office has been painted, the ceiling kalsomined, and the woodwork grained and varnished.

Ninth District Civil Court.—A cylinder desk and an eight-day clock have been furnished for the Clerk's office.

For further information with regard to the works in charge of this Bureau, I would respectfully refer you to the report of Douglas Smyth, Esq., Architect in charge of improvements at Essex, Jefferson and Washington Markets, and the Court of Common Pleas.

Very respectfully,

THOMAS H. McAVOY, Superintendent.

DEPARTMENT OF PUBLIC WORKS—BUREAU CHIEF ENGINEER,
OFFICE CROTON WATER SUPPLY TO SHIPPING,
ROOM 12, No. 31 CHAMBERS STREET, NEW YORK, October 27, 1884.

THOMAS H. McAVOY, Esq., *Superintendent Repairs and Supplies* :

SIR—Please find report of the number of males and females bathing in the Free Floating Baths for the quarter ending September 30, 1884 :

BATHS.	MALES.	FEMALES.	TOTAL.
Gouverneur street, East river.....	283,206	131,796	415,002
Fifth street, East river.....	306,426	129,262	435,688
Nineteenth street, East river.....	255,012	128,905	383,917
Thirty-seventh street, East river.....	230,100	110,145	340,245
One Hundred and Twelfth street, Harlem river.....	141,694	56,206	197,900
Morrisania, Harlem river.....	76,095	24,748	100,843
Battery, North river.....	266,274	142,849	409,123
Duane street, North river.....	116,106	54,949	171,055
Horatio street, North river.....	219,304	77,863	297,167
Twenty-seventh street, North river.....	140,162	46,766	186,928
Fifty-first street, North river.....	147,695	79,222	226,917
Total.....	2,182,974	982,711	3,164,785

Respectfully,

JAMES MCCARTNEY, Superintendent.

OFFICE OF DOUGLAS SMYTH, ARCHITECT,
No 48 EXCHANGE PLACE, NEW YORK, 1884

THOMAS H. McAVOY, Esq., *Superintendent of Repairs and Supplies* :

During the last quarter the Washington Market building has been pushed toward a rapid completion ; the building is entirely inclosed and roofed, and will be occupied on or before December 1st.

A contract has been made, and is now nearly completed, for altering the Police Court in Essex street. This alteration was urged by the Board of Police Justices, and authorized by resolution of the Board of Aldermen.

A contract has been made and is now being carried on to erect an iron awning around Jefferson Market.

Extensive repairs, under resolution of the Board of Aldermen, are being made in the foundations, cellars, areas, floors and drains of the Essex Market, the building having been found to be in an unsafe condition.

Repairs and alterations have been made, under resolution of the Board of Aldermen, in the Judges' large room of the Court of Common Pleas, dividing the space into library, offices, toilet rooms, lobby, etc.

Respectfully yours,

DOUGLAS SMYTH.

Document "K."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF INCUMBRANCES, ROOM 16, No. 31 CHAMBERS STREET,
NEW YORK, October 15, 1884.

Hon. HUBERT O. THOMPSON, *Commissioner of Public Works* :

SIR—I submit herewith a report of the transactions of this Bureau for the quarter ending September 30, 1884 (months of July, August and September).

Number of complaints received and notices issued for the removal of obstructions and incumbrances on streets and sidewalks, 616.

Number of removals of merchandise, trucks, wagons, carts, stands, etc., etc., to the Corporation Yard, foot of Gansevoort street, North river, or other suitable place, 246.

Expense of such removals (including 669 loads of stone, dirt, etc., and 123 dead and dangerous trees) from various parts of the city..... \$1,513 10

Total expenses for the quarter..... \$2,183 78

Received for the redemption of seized articles, etc..... \$195 19

Which amount was duly paid over to the City Chamberlain.

Number of permits issued to builders..... 1,683
“ special permits issued..... 110
“ permits issued to cut down trees..... 26
“ notices issued to repair and reflag sidewalks..... 181
“ notices issued to repair vault covers..... 5

Respectfully,

JOSEPH BLUMENTHAL, Superintendent of Incumbrances.

Document "L."

BUREAU OF WATER REGISTER, No. 31 CHAMBERS STREET, }
NEW YORK, September 30, 1884.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works :

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending September 30, 1884 :

	Principal.	Penalties.	Taps.
July.....	\$545,414 62	\$447 90	\$1,095 50
August.....	233,382 53	1,654 30	817 00
September.....	75,684 62	725 65	882 00
	\$854,481 77	\$2,827 85	\$2,794 50

Total \$860,104 12

Deposit to credit of Water Meter Fund, No. 2--

July.....	\$3,731 11
August.....	1,156 17
September.....	1,291 14

Total \$6,178 42

Special Fund—Repaving Streets—

July.....	\$992 00
August.....	811 00
September.....	843 00

Total \$2,646 00

I have the honor to submit the following statement, showing the final result of the irregularities discovered in the water rent accounts :

Total amount of credits on the books of the bureau for which no corresponding credit was found on the cash books..... \$26,473 84

Amount recovered and collected by the Department \$21,647 85

Amount admitted to be due and returned to the Bureau of Arrears as a lien upon the property..... \$2,373 95

Amount which cannot be recovered and is lost to the city, because the receipts for the same appear to be regular and valid..... \$2,452 04

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

DEPARTMENT OF DOCKS.

At a meeting of the Board of Docks, held November 26, 1884.

Present—The full Board.

The minutes of the meeting held November 12, 1884, were read and approved.

The following communications were received, read and,

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

From Old Dominion Steamship Company—Requesting permission to replace and resheathe piles on the northwest corner of Pier, new 26, North river. Engineer-in-Chief to be directed to examine and report.

From Edmund Coffin, Jr., attorney—In reference to and offering to release to the Corporation of the City of New York all the bulkhead and wharfage rights on the North river, commencing about one hundred and four feet south of Charlton street, and extending thence southerly for a distance of fifty feet, and also agreeing to release all claims for damages thereat for the sum of \$30,000. Secretary to request the Comptroller to meet with the Commissioners on Monday, December 1st, proximo, at 1 o'clock P. M., at this office, to confer in respect to the settlement and compromising of claims for damages, as well as for the purchase of wharf rights of private parties. The Secretary directed to advise Mr. Coffin that the Board will meet him at this office on Monday, December 1st, proximo, at 1.30 o'clock P. M.

The following communications were received, read and ordered to be placed on file, action being taken where necessary as stated, to wit :

From Counsel to the Corporation—Inclosing check for \$300, collected from John H. Starin, for rent of platform between Piers 18 and 20, North river, due July 31, 1884.

From Department of Public Parks—In reference to the dredging heretofore ordered by this Department in front of the premises of Bryan Lawrence, near the Third Avenue Bridge, Harlem river. Secretary directed to request information from the Department of Parks, as to whether the complaint originally made by them, in respect to the dredging required at the premises belonging to Mr. Bryan Lawrence, is withdrawn or not.

From Police Department—In reference to the dumping of material at unauthorized places on the East river.

From Department of Street Cleaning—Requesting Department to repair the dock at Seventeenth street, East river. Engineer-in-Chief to be directed to examine and report.

From Samuel G. French—Reporting obstructions on the Pier foot of Ninety-sixth street, North river. Dock Master to be directed to report all the facts in relation to the obstructions on the said pier.

From T. M. Brumby, "Commander"—Requesting the Department to allow the steamer "Gedney" to lie outside of the steamship "Minnesota," at the Pier foot of West Twenty-sixth street, North river, for a few weeks, free of charge. Secretary directed to advise that this Board do not consider that it would be authorized by law or warranted in permitting the use of wharf property under their care belonging to the Corporation of the City of New York by any parties, either public or private, free of charge for the use and occupation thereof.

From Jeremiah Reid—Notice of lien, amounting to \$727.85, against Christopher Havican. The Secretary directed to file the lien with the agreement of Havican.

From James A. De Groat—Notice of lien, amounting to \$673, against Christopher Havican. The Secretary directed to file the lien with the agreement of Havican.

From A. J. Howell—Notice of lien, amounting to \$163.50, against Christopher Havican. The Secretary directed to file the lien with the agreement of Havican.

From Thomas Jackson—In reference to use of vacant land foot of Chambers street, North river.

From John Matthews and others—Requesting the use of a portion of the Pier at the foot of Twenty-sixth street, East river, for commercial purposes. The Secretary directed to advise the parties that the Board will meet on Monday, December 1st, proximo, at 12 o'clock M., when it will be pleased to confer with them in respect to the matter.

From Charles C. Burrell—Inclosing Treasurer's Order No. 11068, given by the Department to Christopher Binder's Sons, for 15,150 cubic feet of cut granite, to be used in the construction of Pier A, at the Battery, and also inclosing "Power of Attorney" from the said Christopher Binder's Sons, authorizing him to collect and receive all moneys that may become due and payable under the said order. The Secretary directed to send copy of letter to the Comptroller, inclosing the "Power of Attorney" for such action in respect thereto as he may deem proper.

From Engineer-in-Chief :

1st. Reporting the assignment of employees to special duty other than that to which they were appointed. The Secretary directed to notify the Bookkeeper.

2d. Reporting the amount of work done during the week ending November 15, 1884.

3d. Reporting repairs required to silt basin covers on newly paved land at Piers, new 35 and new 38, North river. Engineer-in-Chief to be directed to replace the covers at both places.

4th. Reporting the suspension of Edward Freely, Dock Builder, for being absent from work three successive days without being excused. The action of the Engineer-in-Chief approved, and the said Dock Builder discharged.

5th. Reporting the suspension of Laborer, acting watchman, Samuel Alexander, for being found asleep while on duty on the night of the 18th instant, and recommending that he be not again assigned to duty as acting watchman. The action of the Engineer-in-Chief approved, and the recommendation adopted.

6th. Reporting the amount of material excavated by the Union Dredging Company with Department dredges during the month of July, 1884. The Treasurer to make out bill therefor and collect the amount from the Union Dredging Company.

7th. Transmitting Inspector's report of materials used under Contract No. 214, rebuilding Branch Workhouse Dock, Hart's Island, East river.

8th. Reporting the completion by the contractors, Messrs. Flaherty & O'Connell, of repaving the Pier at the foot of East Thirty-first street, East river.

9th. Reporting the amount of material excavated by the Union Dredging Company with department dredges during the month of August, 1884. The Treasurer to make out bill therefor and collect the amount from the Union Dredging Company.

10th. Report on Secretary's Order No. 1577, that no work had been done under permit granted to Messrs. Payne & Sutherland, for the erection of a platform on piles, between the south side of Twenty-ninth street and the middle of the block between Twenty-eighth and Twenty-ninth streets, East river. The said permit revoked, and the Secretary directed to notify Messrs. Payne & Sutherland of the action of the Board.

11th. Report on Secretary's Order No. 3962, that the sheds on the bulkhead between Piers 17 and 19, East river, were removed by the owner on the 17th and 18th instant.

12th. Report on Secretary's Order No. 3995, transmitting in triplicate plans showing changes proposed by the Board in the lines of the following piers, viz. : Pier, new 65, North river, at the foot of West Thirty-fifth street ; Pier, new 70, North river, at the foot of West Fortieth street ; Pier, new 74, North river, at the foot of West Forty-fourth street ; Pier, new 76, North river, at the foot of West Forty-sixth street. The Secretary directed to transmit the maps to the Commission of the Sinking Fund, with resolution adopted October 29, 1884.

13th. Report on Secretary's Order No. 3999, that he had repaired Pier 41, East river.

14th. Report on Secretary's Order No. 4006, that he had superintended the driving of ten fence piles at the bulkhead between Piers 49 and 50, East river.

15th. Report on Secretary's Order No. 4007, that he had replaced fence at Pier 37, East river.

16th. Report on Secretary's Order No. 4023, submitting diagram of soundings taken May, 1884, in the slip between Piers, new 42 and 43, North river, and stating that in order to make 25 feet depth at mean low water in north half of said slip would require excavation of about 11,000 cubic yards of mud, and to make same depth in south half of the slip, about 15,000 cubic yards ; and also stating that if both halves of the slip are not dredged at the same time the mud will flow to the side first dredged in considerable quantity. The Secretary directed to notify the lessee of Pier, new 42, North river, to dredge the half slip between Piers, new 42 and 43, North river, to a depth of 25 feet at mean low water, and to commence the work within thirty days, under the supervision and direction of the Engineer-in-Chief, or this Department will do the work at their cost and expense. The Engineer-in-Chief to be directed to prepare specifications for dredging the half slip south of Pier, new 43, North river, to a depth of 25 feet at mean low water.

17th. Report on Secretary's Order No. 3943, in reference to the float located at the sewer outlet, Third Avenue Bridge, One Hundred and Thirtieth street, Harlem river, and as to the dredging required thereat. The Secretary directed to notify the alleged owner or owners of the premises on the south side of the Harlem river next to and adjoining the Third Avenue Bridge on the east and west, to dredge thereat to a depth of ten feet at mean low water within thirty days, under the supervision and direction of the Engineer-in-Chief, and in case of their failure to dredge thereat within the required time, the penalty for violation of Rule 9 of the Rules and Regulations will be imposed by this Department.

18th. Report on Secretary's Order No. 4004, in reference to and reporting the repairs required at the premises between Fifty-first and Fifty-second streets, East river, used as a launch landing by the Department of Charities and Correction. The Engineer-in-Chief to be directed to do the work required at the said premises.

19th. Report on Secretary's Order No. 4002, as to test of cement furnished by S. L. Merchant & Co. Secretary directed to send them copy of said test.

20th. Report on Secretary's Order, No. 4022, that he had refastened the spring piles on the lower corner of Pier 37, East river.

From George W. Wanmaker, Dock Master, in reference to the use of the newly made land between Piers, new 20 and 21, North river, during the holiday season, for the sale of Christmas greens. Subject-matter referred to the Treasurer, with power.

From Charles H. Thompson, Dock Master—Reporting that the deck of the bulkhead between Piers 18 and 19, East river, needs repairing. Engineer-in-Chief to be directed to examine and report.

From John M. Smith, Dock Master—Reporting that the bulkhead between Piers at the foot of Eighteenth and Nineteenth streets, and north of Nineteenth street, North river, leased by D. C. Newell from the private owners thereof, is in a dangerous condition. Engineer-in-Chief to be directed to examine and report.

A communication from the Comptroller of the City, approving the sureties on the estimate of The Atlantic Dredging Company for dredging at various places on the North and East rivers, was received, read and, together with the bids received and publicly opened on the 19th instant, which were taken from the table, was ordered to be placed on file, and the following resolution in relation thereto, offered by Commissioner Laimbeer, unanimously adopted :

Resolved, That the contract for dredging at the Pier at West Seventeenth street, North river, and other places on the North and East rivers, be and hereby is awarded to The Atlantic Dredging Company, their bid for doing the said work being the lowest, under estimates publicly opened the 19th instant, and the Comptroller having approved of the sureties thereto, November 21st, instant.

The application of the Manhattan Railway Company, requesting permission to repair the bulkhead at Harlem river, west of One Hundred and Twenty-ninth street, and the report from the Engineer-in-Chief on Secretary's Order No. 3931 in relation thereto, were taken from the table and ordered to be placed on file, permission being granted to make the necessary repairs thereto, the work to be done under the supervision and direction of the Engineer-in-Chief.

On motion of Commissioner Stark, the matter in relation to the fine imposed on Jeremiah Reid for violation of the rules, was referred to Commissioner Voorhis, with power.

The Engineer-in-Chief reported, verbally, that the repairs to Pier 43, East river, were completed by the contractor and was ready for the berthing of vessels. Secretary directed to notify the Dock Master to collect wharfage thereat.

The following resolution, offered by Commissioner Voorhis, in relation to employees in the Department who have been heretofore appointed under the rules of the Civil Service, was unanimously adopted:

Resolved, That in accordance with the provision of Regulation 35, of the Civil Service Rules and Regulations, the following-named employees, heretofore appointed to the positions as stated, be and hereby are appointed and confirmed in the positions to which they were appointed:

Alexander M. Goge, Draughtsman.
John Post, Boatman.
Thomas Sullivan, Chainman.
John Bruton, Mason.
William Fitzgerald, Mason.
John Regan, Inspector of Pier Building.
Wm. H. Burnham, Engineer.
Dennis F. Eagan, Engineer.
Arthur McAdam, Ship Carpenter.
Wm. J. Ward, Inspector of Dredging.
Martin Miller, Foreman Dockbuilder.
Wm. McDermott, Inspector of Dredging.

The Auditing Committee presented an audit of thirty-four bills or claims, amounting in the aggregate to the sum of \$14,642.32, which was received, read, and ordered to be placed on file, and the Secretary directed to enter the same in full on the minutes, as follows :

Audit No.	Bills or Claims.	Amount.
8729.	Peter Walls and Charles Van Riper, Estimate No. 2, and final, under contract No. 214.....	\$4,122 08
8730.	Christopher Binder's Sons, granite.....	2,040 54
8731.	Brown & Fleming, broken stone.....	1,161 10
8732.	Meeker & Co., coal.....	504 00
8733.	Muller & Wood, pipes, etc.....	475 00
8734.	T. E. Crimmins, services of steam drills, etc.....	225 00
8735.	Decker & Rapp, yellow pine, etc.....	142 50
8736.	Burnet & Co., iron work.....	140 00
8737.	New York Belting and Packing Co., suction hose, etc.....	129 90
8738.	Cobanks & Theall, davits, steps, etc.....	105 00
8739.	American Supply Co., sperm oil.....	55 00
8740.	F. W. Devoe & Co., kerosene oil, etc.....	44 90
8741.	John Morris, repairing snatch blocks, etc.....	40 00
8742.	Hodgman & Co., diving mittens, etc.....	38 00
8743.	Pollock & Van Wagenen, zinc plates.....	22 68
8744.	Colgate & Co., soap.....	10 20
8745.	Bradley, Kurtz & Co., mattress sheets.....	15 00
8746.	Thos. Fitzsimmons, sawdust.....	15 00
8747.	The "Journal of Commerce," advertising notices, etc.....	11 60

On Construction Account..... \$9,306 50

8748.	John W. Flaherty and Thomas O'Connell, Estimate No. 1, under contract 215 "A.".....	\$1,597 50
8749.	John Monks, piles.....	740 00
8750.	Charles Dubois, Estimate No. 2, and final, under Contract No. 206.....	496 89
8751.	Decker & Rapp, yellow pine.....	273 95
8752.	Alfred J. Murray, piles.....	270 40
8753.	Bell Bros., spruce.....	171 42
8754.	The "Evening Post" Job Printing Office, printing proposals, etc.....	59 75

8755. T. New, repairs to pavement.....	\$50 00
8756. L. L. Goodrich, repairs to water-pipe, etc.....	37 36
8757. The "Journal of Commerce," advertising notices, etc.....	28 60
8758. The New York "Truth," advertising notices, etc.....	28 00
8759. Muller & Wood, repairs to hydrant, etc.....	27 75
On General Repairs Account.....	\$3,781 62
8760. Edward Dickel, or Richard J. Morrison, his attorney, salary as clerk, etc., with interest and costs.....	\$1,347 00
8761. Edward A. Kingsland, stationery, etc.....	107 20
On Annual Expense Account.....	\$1,454 20
8762. Lewis H. Raymond, metallic life-boat.....	\$100 00
On Floating Plant Account.....	\$100 00
RECAPITULATION.	
19 Bills or Claims on Construction Account.....	\$9,306 50
12 " " General Repairs Account.....	3,781 62
2 " " Annual Expense Account.....	1,454 20
1 Bill or Claim on Floating Plant Account.....	100 00
34 Bills or Claims, amounting to.....	\$14,642 32

Respectfully submitted,
JOHN R. VOORHIS, } Auditing Committee.
WM. LAIMBEER, }

On motion, the Secretary was directed to forward the said bills, together with proper requisitions for the amounts, to the Finance Department for payment.

Commissioner Voorhis, the Treasurer of the Board, presented his report of receipts for the week ending November 25, 1884, which was received, read and ordered to be placed on file, and the Secretary directed to enter the same in full on the minutes, as follows :

DATE.	FROM WHOM.	FOR WHAT.	AMOUNT.	TOTAL.	DATE DEPOSITED.
1884.					1884.
Nov. 19	Citizens' Steamboat Co.....	1 qrs. rent Pier at W. 11th st., etc..	\$1,250 00		
" 19	Thos. Lord.....	10 filling-in tickets, at 20 cents....	2 00	\$1,252 00	Nov. 19
" 20	E. A. Doran.....	10 " " " "	\$2 00		
" 20	A. L. Fenchire & Co.....	20 " " " "	4 00		
" 20	John Turl & Sons.....	20 " " " "	4 00		
" 20	T. E. Crimmins.....	250 " " " "	50 00		
" 20	Equitable Gas-Light Co.....	2 unmounted maps water grant....	5 00		
" 20	Decker & Rapp.....	1 qrs. rent Pier at Jane st., N. R.,	400 00		
" 21	Chas. H. Todd.....	1 " bhd. at 40th st., E. R....	100 00		
" 21	Central R. R. of N. J.....	1 " pfm. s. Pier 8, N. R....	375 00		
" 21	Corporation Counsel, from J. H. Starin.....	(1 qrs. rent pfm. bet. Piers 18 and) { 20, N. R..... }	300 00		
" 21	Chas. H. Thompson.....	Whfg. Dist. No. 1, to 15th inst. incl.	377 48	1,617 48	Nov. 21
" 22	F. S. Lathrop.....	1 qrs. rent N. 1/2 Pier 12, etc., N. R.	\$750 00		
" 22	John Callahan.....	10 filling-in tickets, at 20 cents....	2 00		
" 22	Chas. Guidet.....	30 " " " "	6 00		
" 22	T. E. Crimmins.....	250 " " " "	50 00		
" 24	John Callahan.....	20 " " " "	4 00		
" 24	Chas. Guidet.....	30 " " " "	6 00		
" 24	Chas. H. Thompson.....	Whfg. Dist. No. 1, to 22d inst. incl.	636 28		
" 24	Geo. W. Wamaker.....	" " 2, " "	329 92		
" 24	Edward Abeel.....	" " 3, " "	179 37		
" 24	John M. Smith.....	" " 4, " "	314 85		
" 24	Bernard Kenney.....	" " 5, " "	334 47		
" 24	Edward Gilon.....	" " 6, " "	679 88		
" 24	A. m. Duryee.....	" " 8, " "	92 60		
" 24	John Callan.....	" " 9, " "	33 95	3,419 32	Nov. 24
" 25	Robert Hall.....	" " 7, " "	\$130 48		
" 25	John H. Starin.....	1 qrs. rent pfm. bet. Piers 18 and 20, N. R.....	300 00		
" 25	N. Y., L. E. & W. R. R. Co....	1 qrs. rent Piers, new 20 and 21, etc., N. R.....	23,750 00		
" 25	" " " " " "	1 qrs. rent W. 1/2 Pier 8, E. R.....	2,000 00		
" 25	John Kerrigan.....	50 filling-in tickets, at 20 cents....	10 00	26,190 48	Nov. 25
			\$32,479 28	\$32,479 28	

Respectfully submitted,
JOHN R. VOORHIS, Treasurer.

The following requisitions were received, read and, On motion, approved :

Requisition No.	Estimated cost,
5011. For test of fifteen samples (more or less) of iron.....	\$48 00
5012. For one lot yellow pine.....	270 00
5013. For about seven pounds water-laid line.....	2 50
5014. For one zinc screen.....	6 00
5015. For services of two scows, per day.....	6 00
5016. For one lot of bolts, nuts, etc.....	25 00
5017. For one dozen oak pails.....	20 00
5018. For 6,000 feet 3-inch spruce.....	120 00
5019. For one lot of drawing materials—Engineer-in-Chief.....	6 25
5020. For about 140 cubic yards of sand.....	102 20
5021. For about 600 cubic yards of broken stone.....	1,020 00

On motion, the Board adjourned.

JOHN T. CUMING, Secretary.

COMMISSIONERS OF THE SINKING FUND.

Proceedings of the Commissioners of the Sinking Fund at the Meeting held December 9th, 1884.

Present—Franklin Edson, Mayor ; Frederick Smyth, Recorder ; S. Hastings Grant, Comptroller ; and Henry B. Laidlaw, Chamberlain.

The minutes of the meeting of December 5th, 1884, were read and approved.

The Comptroller submitted the following communication from the Department of Docks, viz. :

CITY OF NEW YORK—DEPARTMENT OF DOCKS, }
NEW YORK, December 6th, 1884. }

Hon. S. HASTINGS GRANT, Comptroller, City of New York :

SIR—By direction of the Board governing this Department I beg leave to acknowledge the receipt of your communications of December 2d and 4th inst., requesting information respecting the amount of money required for the uses and purposes of this Department up to May 1st, 1885, and that an itemized statement of the same be furnished to you in accordance with the memorandum transmitted by you on the 4th inst.

In response thereto I send you herewith schedules as requested, marked "A," "B," "C" and "D," containing the information desired, and which is made as fully in detail as was possible within the limited time allowed in which to prepare the same.

Yours respectfully,
JOHN T. CUMING, Secretary.

The communication, with accompanying documents, together with a statement of the proceedings of "the Council of Reform," W. H. Webb, President, were, on motion, referred to the Comptroller to investigate and report.

The Comptroller submitted the following report, viz. :

To the Honorable the Commissioners of the Sinking Fund :

GENTLEMEN—Your Committee, to whom was referred the estimates of the Dock Department as to amount of moneys necessary to be provided by present sale of bonds to meet the exigency presented by the adoption of the new Constitutional Amendment, respectfully

REPORT :

That they have carefully considered the same.

That, while they fully appreciate the important interests confided to that Department, and the necessity of providing means to carry on the improvements now under way or in contemplation, they do not feel that they can, in view of the evident intention of the amendment, recommend the selling of any more bonds than may be necessary to meet existing obligations and provide for the expenses of administration of the Department for the first four months of the ensuing year. Within that period the Legislature will undoubtedly make some provision for carrying on these important works, and in advance of the action of that body, your Committee deem it unwise to pledge the credit of the city in excess of the present limit, except for what is absolutely necessary to prevent immediate embarrassments and the imposition of an unusual burden on the taxpayers.

We therefore recommend that in addition to the present balance standing to the credit of this Department, viz. : \$395,000, and to meet Treasurer's orders now outstanding, contracts for work and private property purchase now existing, salaries and running expenses of the Department and necessary repairs for the first four months of 1885, and claims for damages due but not yet liquidated, there be sold Dock Bonds to the amount of \$700,000.

There being no existing liabilities for armory sites or armory construction we do not recommend the sale of any additional bonds under chapter 91 of the Laws of 1884.

FRANKLIN EDSON, Mayor.
S. HASTINGS GRANT, Comptroller.
E. HENRY LACOMBE, Corporation Counsel.

NEW YORK, December 8th, 1884.

Whereupon the following resolution, submitted by the Comptroller, was, on motion, unanimously adopted, viz. :

Resolved, That, in accordance with the recommendations of the Mayor, the Comptroller and the Counsel to the Corporation, in their report to this Board, upon statements of the amounts required to provide for the completion of existing contracts and for liabilities of the Department of Docks, the Comptroller be and is hereby authorized and directed to issue Dock Bonds of the City of New York for the sum of seven hundred thousand dollars (\$700,000), bearing interest at a rate not exceeding three and one-half per cent. per annum, pursuant to section 143 of the New York City Consolidation Act of 1882, upon account of the requisition of that Department dated December 3d, 1884, for the purpose of raising moneys for its uses and requirements, according to the provisions of the act establishing the duties and powers of the Commissioners of Docks, passed by the Legislature of the State of New York April 18th, 1871, which bonds shall be exempt from taxation by the City and County of New York, but not from taxation for State purposes, as authorized by a resolution adopted by this Board February 1st, 1884.

The Comptroller submitted the following resolution, viz. :

Resolved, That, in accordance with the recommendation of the Mayor, the Comptroller and the Counsel to the Corporation in their report upon the amounts required from the proceeds of bonds to provide for the purchase of sites for armories and the erection and furnishing of armory buildings, the further issue of Armory Bonds, under the authority of a resolution adopted July 28th, 1884, is not deemed advisable, and the Comptroller is requested and directed not to make any further sales of such bonds.

On motion of the Recorder, the resolution was laid over for consideration.

On motion of the Recorder, the report was accepted.

The Comptroller submitted the following preamble and resolution, viz. :

Whereas, An ordinance was duly enacted by the Common Council of the City of New York, on the 2d day of October, 1880, in the terms following, to wit :

" The Mayor, Aldermen and Commonalty of the City of New York do ordain as follows :

" Section 1. The Commissioners of the Sinking Fund of the City of New York for the redemption of the city debt are hereby authorized, as provided by section 1 of chapter 552 of the Laws of 1880, by concurrent resolution to direct that the bonds and stocks of the City of New York, hereafter issued pursuant to law, shall be exempt from taxation by said city, and by the County of New York, but not from taxation for State purposes ; and all bonds and stocks issued, pursuant to such authority, shall be exempt from taxation accordingly, provided that said bonds and stocks shall not bear interest exceeding the rate of four and one-half per cent. per annum ;" and

Whereas, The Board of Estimate and Apportionment has, by a resolution adopted December 8, 1884, authorized the issue of Assessment Bonds of the Corporation of the City of New York and it is deemed advisable to make such bonds exempt from taxation, pursuant to the provisions of said law and ordinance ;

Now, as authorized by said ordinance, and pursuant to section 137 of the New York City Consolidation Act of 1882, re-enacted by chapter 552 of the Laws of 1882, " the Commissioners of the Sinking Fund for the Redemption of the City Debt " do hereby, by their concurrent resolution, direct that Assessment Bonds of the Corporation of the City of New York, to be issued during the year 1884, shall be exempt from taxation by the City and County of New York, but not from taxation for State purposes.

On motion, the preamble and resolution were unanimously adopted.

The Comptroller submitted the following report, viz.:

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
December 6th, 1884.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The Comptroller, to whom was referred on 3d instant, a resolution of the Commissioners of Docks, adopted November 29th, requesting the approval by the Commissioners of the Sinking Fund of alterations in the width of certain new piers on the North river, respectfully submits the following

REPORT:

The Commissioners of Docks deem it advisable to alter the width of the new piers to be built, located respectively at the foot of West Thirty-fifth, Fortieth, Forty-fourth and Forty-sixth streets, North river, from the lines therefor as shown upon the plans adopted April 13th, 1871, as approved by the Commissioners of the Sinking Fund, to the lines described in their said resolution and shown on tracings transmitted therewith.

There appears to be no objection to the proposed alterations in the width of said piers, and I submit a resolution to approve thereof, as provided by law.

Respectfully,
S. HASTINGS GRANT, Comptroller.

Resolved, That, pursuant to the authority conferred upon the Commissioners of the Sinking Fund by section 712 of chapter 410 of the Laws of 1882, they do hereby consent to and approve of the change in the width of the new piers proposed to be built by the Department of Docks at the foot of West Thirty-fifth, Fortieth, Forty-fourth, and Forty-sixth streets, North river, from eighty feet, as laid down on the plans heretofore adopted by said Department and approved by the Commissioners of the Sinking Fund, to sixty feet in width, as described in the resolution adopted November 29, 1884, by the Commissioners of the Sinking Fund and as shown upon the tracings of plans thereof accompanying said resolution.

On motion, the resolution was unanimously adopted.

[Resolution of Commissioners of Docks, submitted with the report, placed on file.]

The Comptroller submitted the following report, viz.:

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
December 6th, 1884.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The Comptroller, to whom was referred the application of the Commissioners of Accounts for offices in the Stewart Building, respectfully

REPORTS:

That the Commissioners of Accounts have requested that the rooms applied for by them for offices be changed from Nos. 54 and 56 Stewart Building to Nos. 114 and 115, which can be had at a lower rent.

The yearly rent asked for the rooms of Nos. 114 and 115 is considered fair and reasonable. As stated by the Commissioners of Accounts in their application, they are required to vacate the room now occupied in the New Court-house, which has been assigned to the Surrogate by a resolution adopted November 20th, 1884, by the Board of Aldermen.

A resolution is submitted to authorize a lease of the premises to expire May 1st, 1888.

Respectfully,
S. HASTINGS GRANT, Comptroller.

Resolved, That the Counsel to the Corporation be and is hereby requested to prepare a lease of the rooms Nos. 114 and 115 on the third floor of the Stewart Building, Broadway and Chambers street, for use as offices by the Commissioners of Accounts, for a period to expire on the first day of May, 1888, at the rate of three thousand dollars (\$3,000) for the yearly rent from the day of occupation, possession to be given immediately, upon the same terms and conditions as the lease of premises in the same building for the use of the Finance Department, and such modifications thereof as may be agreed upon by the Comptroller, and the Comptroller is authorized and directed to execute such lease when prepared and approved by the Counsel to the Corporation, pursuant to sections 123 and 181 of the New York City Consolidation Act of 1882.

The report was accepted, and, on motion, the resolution was unanimously adopted.

The Comptroller submitted the following report, viz.:

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
December 6th, 1884.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The lease of the premises, No. 27 Chambers street, occupied by the Surveyor and Deputy Surveyor of the Department of Taxes and Assessments, will expire on January 1st, 1885, and application has been made by the President of that Department for a renewal of the lease for the term of three years, on the same terms and conditions. The rooms are well adapted for the purpose for which they are used, and the rent is deemed to be fair and reasonable. A resolution is submitted to authorize a new lease.

Respectfully,
S. HASTINGS GRANT, Comptroller.

Resolved, That the Counsel to the Corporation be and is hereby requested to prepare a lease to the city of the premises on the third floor of No. 27 Chambers street, now occupied by the Surveyor and Deputy Surveyor of the Department of Taxes and Assessments, for their use for the term of three years, from the first day of January, 1885, at the yearly rent of eight hundred and fifty dollars (\$850), payable quarterly, upon the conditions of the existing lease for the same premises; and the Comptroller is authorized and directed to execute such lease when prepared and approved by the Counsel to the Corporation, pursuant to sections 123 and 181 of the New York City Consolidation Act of 1882.

The report was accepted, and, on motion, the resolution was unanimously adopted.

The Comptroller submitted the following application, viz.:

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
COMMISSIONER'S OFFICE, NO. 66 THIRD AVENUE,
NEW YORK, December 8th, 1884.

To the Honorable the Board of Sinking Fund Commissioners:

GENTLEMEN—By an act of the Legislature, this Board was directed to provide, south of Canal street, suitable rooms or wards for the reception and medical and surgical treatment of persons wounded or taken ill in the streets.

Our attention has been called to the building owned by the city, at the foot of Gouverneur street, formerly occupied as a market, but now unoccupied, which by its location is admirably adapted for the purpose.

The Board of Estimate and Apportionment have appropriated a sum sufficient to make the necessary alterations and repairs, and we hereby request that you will make the necessary transfer of the above property to this Department, thus giving to that densely populated portion of the city a long needed requirement.

Very respectfully yours,
H. H. PORTER, Commissioner.

Whereupon the following resolution, submitted by the Comptroller, was, on motion, unanimously adopted, viz.:

Resolved, That the old building in Gouverneur Slip, known as Gouverneur Market, now unoccupied, be and is hereby appropriated to the Department of Public Charities and Correction, for the reception and medical and surgical treatment of persons wounded or taken ill in the streets of the city, subject to future disposition thereof as may be required for the public interest, pursuant to the provision of section 390 of the New York City Consolidation Act of 1882.

The following communication was received, and, on motion, was referred to the Comptroller to examine and report, viz.:

NEW YORK SUPERIOR COURT,
JUDGES' CHAMBERS, NEW COURT-HOUSE,
NEW YORK, December 8th, 1884.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The Judges of the Superior Court are constrained to state that the rooms now occupied by said Court are insufficient for the proper transaction of the public business required, and therefore ask for additional accommodations.

It is suggested that suitable rooms be provided elsewhere for the Commissioner of Jurors and that the room now occupied by him be set apart for the use of said Court.

The requirement is urgent, and it is requested that your Board give the subject early consideration.

JNO. SEDGWICK,
JNO. J. FREEDMAN,
CHARLES H. TRUAX,
RICHARD O'GORMAN,
GEO. L. INGRAHAM.

W. H. DIKEMAN, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Abstract of Proceedings for the Week ending November 15, 1884.

WEDNESDAY, NOVEMBER 12, 1884.—ADJOURNED MEETING—II A. M.

Present—Commissioners Viele (President), Wales, Crimmins, and Olliffe.

The following communications were received:

From Denis McGrath, requesting that he be allowed to postpone the commencement of work on his contract for paving Willis avenue until spring.

From Dennis W. Moran, in relation to the delay in completing his contract for regulating and grading One Hundred and Thirty-eighth street.

From James H. Perkins, asking to be allowed pay for extra work and loss caused by delays on his contract for regulating and grading One Hundred and Sixty-fifth street.

The request of Denis McGrath, contractor, to postpone the commencement of work of paving Willis avenue until spring, was denied, and the Engineer of Construction was directed to notify him to proceed with the work without delay.

It was ordered that, commencing with the pay-roll of 16th inst. and thereafter, all members of the Police Force of this Department shall be known as Parkkeepers, and their pay fixed as follows:

Captain, \$1,800 per annum.

Sergeants, \$3.25 per diem.

Roundsmen, \$3 per diem.

Parkkeepers, \$2.75 per diem.

Commissioner Crimmins, to whom was referred the subject of piling necessary for the foundation of the Webster avenue sewer, made a verbal report stating that he had examined the surface of Webster avenue, as well as the point where the contractor had commenced work; that the soundings showed depths of from forty to forty-nine feet where piling would be required in order to get a foundation; that it is impossible to commence the work until this matter is determined upon; that the Engineer of Construction had prepared a specification necessary for this work, and moved that under the authority of the Board of Aldermen received at the last meeting that the proposal of Charles Jones for furnishing and driving piles at forty-five cents per lineal foot, and furnishing and driving iron shoes on the piles at three cents per pound, all to be done in accordance with the specification of the Engineer of Construction, be accepted, and the work awarded to him at those prices; that the President of this Department be authorized to enter into a contract with Charles Jones and on behalf of this Department, for doing the work. Adopted.

Parkkeeper Edward J. Dougherty, charged with intoxication, was restored to duty, with loss of pay during the time he was suspended.

The parties having telegraph poles on the line of Eighth avenue, adjoining Central Park, were directed to replace them with insulated wires beneath the surface.

Bills amounting to..... \$3,090 91
Pay-rolls..... 4,204 05

—were approved and sent to the Finance Department for payment.

E. P. BARKER, Secretary.

Abstract of Proceedings for the Week ending November 22, 1884.

FRIDAY, NOVEMBER 21, 1884.—ADJOURNED MEETING—IO A. M.

Present—Commissioners Viele (President), Wales, Crimmins.

At the hour of ten o'clock, the President publicly opened and read all the estimates or proposals which had been received in pursuance of advertisements published in the CITY RECORD for furnishing Police uniform overcoats.

Communications were received:

From the Comptroller, in relation to the substitution of Frederiek Folz in lieu of James J. Jones, as surety on the proposal of Dennis W. Moran for regulating, etc., Westchester avenue.

From the Secretary of the Kingsbridge Association, transmitting a copy of a resolution requesting this Department to establish the grades of streets at Kingsbridge as rapidly as practicable.

From George H. Moller and Joseph H. Godwin, requesting this Department to establish the grades of Riverdale avenue, old Broadway, and Church street, at Kingsbridge.

From the President of the Harlem Bridge, Morrisania and Fordham Railway Co., stating the intention of said company to lay car tracks along One Hundred and Thirty-eighth street, under authority of chapter 892, Laws 1867, and asking permission from this Department to proceed with the work.

From John H. Sherwood, John Downey, and others, in relation to widening the roadway of One Hundred and Tenth street, and requesting this Department to reduce the width of the Park sidewalk of the street for that purpose.

From William H. Radford, licensee of the Casino, in Central Park, in relation to painting and making repairs to that building and to be paid for from his license fee.

From Denis McGrath, contractor for paving Willis avenue, desiring to postpone the commencement of work until Spring.

From A. Hepp, applying for appointment to the position of Superintending Gardener in this Department.

From a committee of the force of Parkkeepers, returning thanks for the increase of their pay.

From the Police tailors, applying for an increase of pay.

Commissioner Wales presented a communication from the New England Society in the City of New York, proposing to erect a monument in the Central Park, commemorative of the landing of the Pilgrim Fathers at Plymouth Rock, December 22, 1620, and requesting this Department to take measures to receive it and assign for it a suitable site.

Commissioner Wales presented a communication from Mrs. Mary E. Smith, offering a swan for sale, and recommended that the same be purchased by the Department at an expense of \$20.

Commissioner Crimmins presented a bill of H. Berthold, bridge tender, amounting to \$172.50, for extra help to keep the draw of Central Bridge open twenty-four hours each day during the months of September and October, 1884, which was referred to the Auditing Committee.

The Secretary be directed to communicate with the Presidents of the Metropolitan Museum of Art, the National Academy of Design, and N. Y. Chapter of the American Institute of Architects, requesting them to examine the monument proposed to be erected in Central Park by the New England Society, and report as to its merits as a work of art, and if approved, a site was ordered designated for the erection of said monument at a point facing the drive near Seventy-second street and Fifth avenue.

The whole subject of the designation of the site and the erection of the monument was referred to Commissioner Wales, with power.

The Board of Estimate and Apportionment were requested to strike from the estimate of this Department for the year 1885 the sum of \$7,500, as therein contained, for paving the roadway leading to the new barge office at the Battery Park, it having been represented to this Department that the United States Government had made a contract to pave the same.

The Civil Service Commission was requested to name the earliest practicable day, and inform this Department, when an examination of candidates for appointment on the force of Parkkeepers would be had, the urgency of this examination being demanded by the necessity for an increase of the force of keepers, in order to maintain the efficiency of the Department.

The consent of this Department was given to the substitution of Frederick Folz in lieu of James J. Jones, as one of the sureties on the contract awarded Dennis W. Moran for regulating, grading, etc., Westchester avenue.

The proposal of B. Stern & Son, for furnishing Parkkeepers' uniform overcoats at \$21.20 each, and officers' overcoats at \$21.70, amounting in the aggregate to \$2,655, was accepted as the lowest and most advantageous bid, and the contract awarded to them.

The Secretary was directed to inform Denis McGrath, contractor, that this Board declines to reconsider its action of the 12th inst., and notify him to proceed with the work of paving Willis avenue, in accordance with the terms of his contract.

Plans and specifications for regulating, grading, etc., One Hundred and Forty-sixth street, from North Third avenue to Railroad avenue, were approved, and the work ordered advertised.

The following maps or plans were adopted and ordered filed according to law :

1. Plan and profile showing Trinity avenue, from East One Hundred and Fifty-sixth street to East One Hundred and Sixty-fifth street, in the Twenty-third Ward, as altered, classified, and established by this Department.

2. Plan and profiles showing Mott avenue, from Railroad avenue, east, to One Hundred and Fiftieth street ; Spencer place, from One Hundred and Forty-fourth street to One Hundred and Fiftieth street ; One Hundred and Forty-fourth, One Hundred and Forty-ninth, and One Hundred and Fiftieth streets, from Mott avenue to Spencer place, in the Twenty-third Ward, as altered, classified, and established by this Department.

3. Plan and profile showing the grades of Sherman avenue, between East One Hundred and Sixty-first and East One Hundred and Sixty-fourth streets, as established by this Department.

The whole subject of reducing the width of the Park sidewalk of One Hundred and Tenth street was referred to the Engineer of Construction, to report at the next meeting of the Board, and submit plans and estimates for widening the roadway.

Commissioner Wales, to whom was referred the subject of plans for the completion of Riverside avenue, between Eighty-fifth and Eighty-eighth streets, made a verbal report and stated that in view of the constitutional amendment as recently adopted, and the communication from his Honor the Mayor, as published in the CITY RECORD, that not only the completion of this work but the collection of the assessment for the work already done were both of great importance, and offered the following :

Whereas, Riverside avenue has been constructed at an expense up to this time of \$66,983.75, leaving the bridge connecting the drive from Eighty-fifth to Eighty-eighth street a temporary structure ; and

Whereas, In view of the communication of his Honor the Mayor, of November 12, 1884, to the Counsel to the Corporation, seeking information in relation to the debt of the city and the effect of the new constitutional amendment upon future improvements,

Resolved, That the Counsel to the Corporation be requested to furnish this Department with his opinion whether an assessment can be levied for the improvement of Riverside avenue, as already done, leaving the completion of that portion between Eighty-fifth and Eighty-eighth streets for further consideration, in order that if a favorable opinion is received, the amount due under the assessment for this work may be collected and the city debt reduced to that amount.

Resolved, That the Engineer of Construction be directed to prepare plans and estimates for the completion of Riverside avenue, between Eighty-fifth and Eighty-eighth streets, and for an embankment wall at Eighty-sixth street, providing for two roads underneath, to be used for business purposes. Adopted.

The following preamble and resolution were also adopted :

Whereas, A sewer has been constructed in Brook avenue, between tide water and One Hundred and Sixty-fifth street, in the Twenty-third Ward, at an expense of \$305,230.93 ; and

Whereas, The assessment list for said work was prepared and sent to the Board of Assessors on January 15, 1884, and on February 5, 1884, returned by said Board of Assessors with a communication from its Chairman stating that it would be unwise to levy the assessment until the whole improvement is complete ; and

Whereas, The contract for the second section of this sewer, between One Hundred and Sixty-fifth and One Hundred and Eighty-fourth street, has just been commenced, and will require in all probability two years to complete it ; and

Whereas, Title to the land for a further section of this sewer has not yet been acquired by the city ; therefore, be it

Resolved, That the Counsel to the Corporation be requested to furnish this Department with his opinion whether an assessment cannot be levied for the work already done and for which assessment lists have been already prepared, in order that the city may be reimbursed for its outlay and the city debt reduced to that extent.

It was ordered that the holders of permits for the use of bicycles be allowed on the West drive in Central Park, between Fifty-ninth and Seventy-second streets ; and that the holders of permits for the use of tricycles be permitted on the Riverside drive, the riding of two tricycles abreast being prohibited.

The subject of painting and repairing the Casino was referred to the Treasurer, with power.

The Treasurer was authorized to issue an order to the contractor for paving Willis avenue to pave the triangle at the intersection of Willis and North Third avenues, at an expense of \$1.73½ per square yard.

The erection of a temporary skate building at the Harlem Meer, in Central Park, was authorized.

The Superintendent of Park was directed to erect a fence on the Fifth avenue line of Central Park, from Ninety-seventh street to One Hundred and Second street, the expense of the same to be charged to "Construction."

The subject of detailing monitors and horse-rollers from Central Park to the Twenty-third and Twenty-fourth Wards to assist on the work of macadamizing, was referred to the President, with power.

The President was authorized to restore to duty such carpenters whose services may be required for work on the skate-house to be constructed at the Harlem Meer and the fence to be erected along Fifth avenue, between Ninety-seventh and One Hundred and Second streets.

The employment of four stone masons and four rockmen was authorized for work on Transverse road No. 2, crossing Central Park.

Pay Fixed.

Charles H. Graham, Assistant, \$1,500 per annum, from December 1.

Herman Koch, Assistant, \$3 per diem.

F. H. D. Mason, Skilled Laborer, \$3 per diem.

Restored.

Peter Fallon, Painter.

Martin McGrath, Blacksmith.

Fined.

Parkkeeper William Holt, one day's pay.

" Henry McGonigle, one and one-half day's pay.

" Cornelius Harrigan, one-half day's pay.

" John J. McDonald, one-half day's pay.

" Thomas McGuire, one-half day's pay.

Cash to the amount of \$523.88 was deposited with the Comptroller.

Bills amounting to..... \$80,931 93

Pay-rolls amounting to..... 25,411 11

—were approved and sent to the Finance Department for payment.

A contract for constructing a pile foundation for sewer in Webster avenue, etc., between One Hundred and Sixty-fifth and One Hundred and Eighty-fourth streets, was executed with Charles Jones, contractor, Michael Noonan and John Haffen sureties, under authority given this Department by the Board of Aldermen.

E. P. BARKER, Secretary.

Abstract of Proceedings for the week ending November 29, 1884.

TUESDAY, NOVEMBER 25, 1884.—ADJOURNED MEETING—10 A. M.

Present—Commissioners Viele (President), Wales, Crimmins, and Olliffe.

At the hour of ten o'clock the President publicly opened and read all the estimates or proposals which had been received in accordance with advertisements published in the CITY RECORD for the following works, namely :

No. 1. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Thirty-sixth street, between the easterly curb-line of North Third avenue and the westerly curb-line of Brook avenue.

No. 2. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Thirty-seventh street, between the easterly curb-line of North Third avenue and the westerly curb-line of Brook avenue.

No. 3. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Fifty-first street, between the westerly curb-line of North Third avenue and the easterly curb-line of Courtland avenue.

No. 4. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet

wide, and laying crosswalks in East One Hundred and Fifty-fourth street, between the western curb-line of North Third avenue and the eastern curb-line of Courtland avenue.

No. 5. For constructing a sewer and appurtenances in One Hundred and Sixty-second street, between Brook and Courtland avenues, with a branch in Courtland avenue, between One Hundred and Sixty-second and One Hundred and Sixty-first streets.

No. 6. For constructing a sewer and appurtenances in One Hundred and Seventieth street, between North Third avenue and Franklin avenue, with a branch in Fulton avenue, between One Hundred and Seventieth and One Hundred and Sixty-ninth streets.

No. 7. For constructing a sewer and appurtenances in Westchester avenue, from Brook to St. Ann's avenue, with branches in St. Ann's avenue, between the Port Morris Branch Railroad and Carr street.

WEDNESDAY, NOVEMBER 26, 1884—ADJOURNED MEETING—10 A. M.

Present—Commissioners Viele (President), Wales, and Crimmins.

Contracts for which proposals were received and opened on 25th inst. were awarded as follows :

1. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Thirty-sixth street, between the easterly curb-line of North Third avenue and the westerly curb-line of Brook avenue, to John McQuade, \$13,544.30.

2. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Thirty-seventh street, between the easterly curb-line of North Third avenue and the westerly curb-line of Brook avenue, to Allen, O'Grady & Co., \$9,148.55.

3. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Fifty-first street, between the westerly curb-line of North Third avenue and the easterly curb-line of Courtland avenue, to Stiles M. Saunders, \$1,996.50.

4. For regulating, grading, setting curb and gutter stones, flagging the sidewalks four feet wide, and laying crosswalks in East One Hundred and Fifty-fourth street, between the western curb-line of North Third avenue and the eastern curb-line of Courtland avenue, to Dennis W. Moran, \$3,861.10.

5. For constructing a sewer and appurtenances in One Hundred and Sixty-second street, between Brook and Courtland avenues, with a branch in Courtland avenue, between One Hundred and Sixty-second and One Hundred and Sixty-first streets, to John Redmond, \$10,840.60.

6. For constructing a sewer and appurtenances in One Hundred and Seventieth street, between North Third avenue and Franklin avenue, with a branch in Fulton avenue, between One Hundred and Seventieth and One Hundred and Sixty-ninth streets, to John Redmond, \$15,777.86.

7. For constructing a sewer and appurtenances in Westchester avenue, from Brook to St. Ann's avenue, with branches in St. Ann's avenue, between the Port Morris Branch Railroad and Carr street, to John Redmond, \$7,865.

The President was authorized to appoint Inspectors on the above-mentioned works when required.

A design for an enclosing wall and railing for completing the entrances at Eighth avenue and Seventy-seventh and Eighty-first streets was adopted, and the work ordered advertised.

The Superintendent of Parks was authorized and directed to transfer from the maintenance force eight laborers, to do duty as watchmen under the Captain of Police, and to be paid out of the appropriation for police salaries.

The subject of a clock and chimes for the tower of the Belvedere, in Central Park, was referred to Commissioners Viele and Crimmins to report upon.

Bills amounting to \$3,876.55 were approved and transmitted to the Finance Department for payment.

A contract for regulating, grading, etc., Westchester avenue, from North Third avenue to Prospect avenue, was executed with Dennis W. Moran, contractor ; John Eichler and Frederick Folz, sureties.

E. P. BARKER, Secretary.

LAW DEPARTMENT.

Statement and Return of Moneys received by E. HENRY LACOMBE, Counsel to the Corporation of the City of New York, for the month of November, 1884, rendered to the Comptroller in pursuance of the provisions of Section 26, Article 1, Chapter V. of the Revised Ordinances of 1866, and of Sections 38 and 96 of Chapter 335 of the Laws of 1873.

DATE.	TITLE OF SUIT.	RECOVERY IN FAVOR OF THE CITY.	COSTS IN FAVOR OF THE CITY.	TOTAL AMOUNT.
1884.				
Nov. 13	Hudson Tunnel Construction Company : Rent of reclaimed land southerly of Pier, new 42, North river, due October 1, 1884..... \$750 00 Rent of land under water south of Pier, new 42, North river, due October 1, 1884..... 250 00	\$1,000 00		
" 15	Egbert Bartlett et al., executors of Rodman Bartlett, deceased—Compromise of tax for 1882 upon personal property.....	250 00		
" 17	Henry J. Welch—Costs in a foreclosure suit in which the city was a judgment creditor.....		\$25 00	
" 17	Louis J. Jordan—Rent for premises No. 1146 Broadway..... (Check dated January 2, 1885 ; sent to Comptroller November 18, 1884.)	250 00		
" 19	John H. Starin—Rent of platform between Piers 18 and 20, North river, due July 31, 1884...	300 00		
" 26	Emma Strecker—Balance due under the will, the Charity Hospital on Blackwell's Island being a legatee under the will.....	2,344 66		
		\$4,144 66	\$25 00	\$4,169 66

APPROVED PAPERS.

Resolved, That permission be and the same is hereby given to Thomas F. Adams to place a new and improved patent metal sign, for designating streets, avenues and places, on the curb-stone of the northwest, southwest, and southeast corners of Broadway and Fourteenth street, the work to be done at his own expense, under the direction and to the satisfaction of the Commissioner of Public Works ; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, November 20, 1884.

Approved by the Mayor, December 1, 1884.

Resolved, That William R. Swift and William L. Van Derzee be and they are hereby reappointed Commissioners of Deeds, whose terms of office expires respectively December 2 and 20, 1884.

Resolved, That John T. Jordan be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of William W. Bowles, whose term of office has expired.

Resolved, That Henry G. Cassidy be and he is hereby reappointed a Commissioner of Deeds in and for the City and County of New York, whose term of office will expire December 4, 1884.

Resolved, That Chas. L. Gott be and he is hereby reappointed a Commissioner of Deeds in and for the City and County of New York, whose term of office expires December 14, 1884.

Resolved, That Nicholas C. Conlon be and he is hereby reappointed a Commissioner of Deeds in and for the City and County of New York, whose term of office expires December 7, 1884.

Resolved, That Edward F. Williams be and he is hereby reappointed a Commissioner of Deeds in and for the City and County of New York, whose term of office expires December 7, 1884.

Resolved, That John Mahon be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Joseph Farrell, whose term of office has expired.

Resolved, That William Doll be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of John O. Ford, whose term of office has expired.

Resolved, That Alexander W. McDonald be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of William A. Donnelly, whose term of office has expired.

Resolved, That Henry Phillips be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of John Craig Clark, whose term of office has expired.

Resolved, That Herman Artoon be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of John T. A. Jewett, whose term of office has expired. Also Marcus Jacobs, in place of William Livingston, whose term of office has expired.

Resolved, That Franz Unger be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Franz Unger, whose term of office will expire December 7, 1884.

Resolved, That William J. Lynam be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Henry Hasmohr, whose term of office has expired.

Resolved, That Edward J. O'Gorman be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Henry Lassing, whose term of office has expired.

Resolved, That William M. Adler be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of William Kennelly, whose term of office has expired.

Resolved, That Daniel Daly be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of John J. Hickey, whose term of office has expired.

Resolved, That Sigismund Bott be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Sigismund Bott, who has failed to qualify.

Resolved, That Frank Neumann be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of John F. Cross, whose term of office has expired.

Resolved, That Samuel Adams be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Andrew Lemon, whose term of office has expired.

Resolved, That the name of William H. Leonard, recently appointed a Commissioner of Deeds, be corrected so as to read H. W. Leonard.

Adopted by the Board of Aldermen, December 1, 1884.

Resolved, That permission be and the same is hereby given to Ottmann, Keppler & Schwarzmann to extend the vault in front of their premises, No. 541, 543, 545 and 547 Pearl street, a distance of seven feet beyond the curb-line, as shown in the accompanying diagram, upon payment of the usual fee, provided the work be done in a durable and substantial manner, and that the said Ottmann, Keppler & Schwarzmann shall stipulate with the Commissioner of Public Works to save the city harmless from any loss or damage that may occur in consequence of the building or extension of said vault, during the progress or subsequent to the completion of the work, the work done at their own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, November 10, 1884.

Received from his Honor the Mayor, November 20, 1884, with his objections thereto.

In Board of Aldermen, December 1, 1884, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission is hereby granted to the Corporation of Trinity Church to lay pipes under and across Desbrosses street, from their premises, Nos. 9 and 11 Desbrosses street, on the south side, to their premises, No. 10 Desbrosses street, on the north side, for the purpose of conducting steam between said two buildings, the said corporation being owners of two-thirds in extent of the front feet of the block on Desbrosses street, upon which said buildings are situated, and having petitioned the Common Council in favor thereof in writing, proved or acknowledged in the manner required by law for the proof or acknowledgment of deeds to be recorded.

Adopted by the Board of Aldermen, November 24, 1884.

Approved by the Mayor, December 3, 1884.

Whereas, Oppermann & Muller are desirous of permission to lay a four-inch iron pipe under Forty-fifth street, from the East river to their premises on the south side of East Forty-fifth street, about one hundred and seventy-five feet from First avenue, for the purpose of conveying salt water only from said river to their said premises for use in case of fire, for use in ice machine, and for cooling and other purposes; and

Whereas, Two-thirds in number of the owners of the real estate fronting on that part of said Forty-fifth street under which said four-inch pipe is intended to be laid, and to which such permission relates, who are also owners of two-thirds in interest of the front feet of such part of said East Forty-fifth street, desired as aforesaid to be occupied as aforesaid by such four-inch pipe, have petitioned the Common Council in favor thereof in writing, proved and acknowledged in the manner required by law for the proof and acknowledgment of deeds to be recorded; and

Whereas, Said Oppermann & Muller are and have been residents of New York City and of no other city, doing business therein and in no other city, and proposes no enterprise, but simply ask permission to convey elemental water from and to given point for natural purposes common to all and every day use, and involving no scientific principle; therefore be it

Resolved, That permission be and the same is hereby given to Oppermann & Muller to connect their premises on the south side of East Forty-fifth street, one hundred and seventy-five feet west of First avenue, with the East river, by a four-inch iron pipe, for the purpose only of conveying salt water from the river for use only in case of fire, and for cooling purposes, and ice machine and cleaning purposes in their brewery, the work to be done at their own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, November 24, 1884.

Approved by the Mayor, December 3, 1884.

Resolved, That a lamp-post be erected and a street-lamp lighted on the top of the stairs at Eagle avenue and One Hundred and Sixty-first street, the work to be done under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, November 24, 1884.

Approved by the Mayor, December 3, 1884.

Resolved, That Croton water-pipes be laid in Creston avenue, from High Bridge road to One Hundred and Eighty-fourth street, as provided in chapter 381, Laws of 1879.

Adopted by the Board of Aldermen, November 24, 1884.

Approved by the Mayor, December 3, 1884.

Resolved, That permission be and the same is hereby given to Amos R. Eno to extend a vault at Nos. 102 and 104 Thompson street, nine feet and eight inches beyond the curb-line, and four feet six inches wide, upon payment of the usual fee, provided the work be done in a durable and substantial manner, and that the said Amos R. Eno shall stipulate with the Commissioner of Public Works to save the city harmless from any loss or damage that may occur in consequence of the building or extension of said vault, during the progress or subsequent to the completion of the work, the work to be done at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, December 1, 1884.

Approved by the Mayor, December 3, 1884.

Resolved, That permission be and the same is hereby given to Bechstein & Co. to extend vault in front of their premises, Nos. 3 and 5 Leonard street, a distance of three feet beyond the curb-line, as shown in the accompanying diagram, upon payment of the usual fee, provided the work be done in a durable and substantial manner, and that the said Bechstein & Co. shall stipulate with the Commissioner of Public Works to save the city harmless from any loss or damage that may occur in consequence of the building or extension of said vault during the progress or subsequent to the completion of the work, the work to be done at their own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That the vacant lots on the south side of Seventy-seventh street, between Fourth and Madison avenues, be fenced in, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, November 24, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That the avenue commonly known as Kingsbridge road, being the extension of Avenue St. Nicholas, north from One Hundred and Fifty-fifth street and intersecting Tenth avenue at or near One Hundred and Sixty-first street, shall hereafter be known and designated as Avenue St. Nicholas, and that the roadway of said avenue, between One Hundred and Fifty-fifth street and its intersection with Tenth avenue, be and it is hereby established at and with a width of fifty-five feet.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That the sidewalk on the east side of Madison avenue, from Seventy-ninth to Eightieth street, be regulated and graded so as to lay an additional course of flagging four feet wide, and that said additional course be laid between the above-described limits, where not already done, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That gas-mains be laid, lamp-posts erected and street-lamps lighted in One Hundred and Seventieth street, from Third avenue to Washington avenue, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That gas-mains be laid, lamp-posts erected and street-lamps lighted in Forty-sixth street, between Eleventh avenue and North river, where not already done, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That the roadway of Eighty-eighth street, from First to Second avenue, be paved with granite-block pavement, and that crosswalks be laid at the terminating avenue, where required, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That permission be and the same is hereby given to T. H. Lee to lay a crosswalk of two courses of blue stone across Sixth avenue, from opposite No. 363 to No. 364, the work to be done at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That One Hundred and Twelfth street, from Eighth to New avenue, be regulated, graded, curb-stones set and sidewalks flagged a space four feet wide, where not already done, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, November 26, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That permission be and the same is hereby given to George S. Payson to lay a crosswalk across Inwood street, at the foot of F street, in the Twelfth Ward of the City of New York; also, to lay a plank walk on the south side of Inwood street, about one hundred feet each side, or east and west from F street, the work to be done at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, December 1, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That the Commissioner of Public Works be and he is hereby requested to include in the list of streets to be repaved next year, under the provisions of chapter 476, Laws of 1875: Leonard street, from Elm street to Baxter street.

Adopted by the Board of Aldermen, December 1, 1884.

Received from his Honor the Mayor, December 4, 1884, without his approval or objections thereto; therefore, as provided in section 75, chapter 410, Laws of 1882, the same became adopted.

Resolved, That permission be and the same is hereby given to Patrick Dowd to place and keep a newspaper stand at the southeast corner of West Broadway and Franklin street; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, December 1, 1884.

Received from his Honor the Mayor, December 4, 1884, without his approval or objections thereto; therefore, as provided in section 75, chapter 410, Laws of 1882, the same became adopted.

Resolved, That the Relief Committee of the Memorial Committee of the Grand Army of the Republic of the City of New York be and they hereby are allowed to use and occupy desk-room in Room No. 4, City Hall, for the transaction of their business as such Relief Committee, such occupation to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, December 1, 1884.

Received from his Honor the Mayor, December 4, 1884, without his approval or objections thereto; therefore, as provided in section 75, chapter 410, Laws of 1882, the same became adopted.

Resolved, That the Comptroller be and he is hereby authorized and directed to draw a warrant in favor of W. L. Ormsby for the sum of thirty-eight dollars, to be in full payment of bill hereto annexed, and charge the amount to the appropriation for "City Contingencies."

Adopted by the Board of Aldermen, December 1, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That Croton-mains be laid in One Hundred and Second street, from Fourth to Lexington avenue, as provided in chapter 381, Laws of 1879.

Adopted by the Board of Aldermen, December 1, 1884.

Approved by the Mayor, December 4, 1884.

Resolved, That the roadway of Eighty-second street, from Avenue A to Avenue B, be paved with granite-block pavement, and that crosswalks be laid at the terminating avenues, where required, under the direction of the Commissioner of Public Works; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, December 1, 1884.

Approved by the Mayor, December 4, 1884.

NEW YORK AND BROOKLYN BRIDGE.

Statement of the Cash Receipts and Expenditures of the New York and Brooklyn Bridge for the month ending Saturday, November 29, 1884, (Construction Account).

RECEIPTS.	
For rent.....	\$6,988 51
For material sold.....	137 36
	\$7,125 87

EXPENDITURES.	
Robert Stewart, flagging and curb-stone.....	\$1,808 31
Albert Gray, steam fittings.....	423 21
Bergen & Dykman, legal services.....	756 85
Thos. H. Terry & Co., commissions.....	56 69
N. B. Cushing, repairs to elevators.....	40 00
Howard & Morse, wire cloth.....	6 00
	\$3,091 06

WM. C. KINGSLEY, President.
OTTO WITTE, Treasurer.

County of Kings, ss.:

William C. Kingsley, President, and Otto Witte, Treasurer, of the Trustees of the New York and Brooklyn Bridge, being severally duly sworn, each for himself, deposes and says that the foregoing statement is in all respects true, according to the best of his knowledge, information and belief.

WM. C. KINGSLEY,
OTTO WITTE.

Sworn before me the 5th
day of December, 1884.

O. P. QUINTARD,
Notary Public,
Kings County.

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.
FRANKLIN EDSON, Mayor; WILLIAM E. LUCAS, Secretary; AUGUSTUS WALSH, Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.
GEORGE A. McDERMOTT, First Marshal.

Permit Bureau Office.

No. 13½ City Hall, 9 A. M. to 4 P. M.
HENRY WOLTMAN, Registrar.

COMMISSIONERS OF ACCOUNTS.

No. 1 County Court-house, 9 A. M. to 4 P. M.
GEO. EDWIN HILL, ANDREW B. MARTIN.

AQUEDUCT COMMISSIONERS.

Room 78, Tribune Building, 9 A. M. to 5 P. M.
THE MAYOR, President; JAMES W. McCULLOH, Secretary; BENJAMIN S. CHURCH, Chief Engineer.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.

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

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.
HUBERT O. THOMPSON, Commissioner; HUBERT O. THOMPSON, Deputy Commissioner.

Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE A. JEREMIAH, Superintendent.

Engineer in Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHENSON TOWLE, Engineer-in-Charge.

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS H. McAVOY, Superintendent.

Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.
DAVID L. SMITH, Water Purveyor.

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN McCORMICK, Superintendent.

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEO. E. BABCOCK, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.

Keeper of Buildings in City Hall Park.

MARTIN J. KEESSE, City Hall

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
S. HASTINGS GRANT, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WM. J. LYON, Auditor of Accounts.
DAVID E. AUSTEN, Deputy Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents

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

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
FRANCIS TOMES, Collector of the City Revenue and Superintendent of Markets.

Bureau for the Collection of Taxes.

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

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
HENRY B. LAIDLAW, City Chamberlain.

Office of the City Paymaster.

Room 1, New County Court-house, 9 A. M. to 4 P. M.
MOOR FALLS, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.
Saturdays, 9 A. M. to 4 P. M.
E. HENRY LACOMBE, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.
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; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections

DEPARTMENT OF CHARITIES AND CORRECTIONS.

Central Office.

No. 66 Third avenue, corner Eleventh street, 8.30 A. M. to 5.30 P. M.
JACOB HESS, President, GEORGE F. BRITTON, Secretary.

FIRE DEPARTMENT

Office hours for all except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 3 P. M.

Headquarters.

Nos. 155 and 157 Mercer street.
CORNELIUS VAN COTT, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

CHARLES O. SHAY, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

GEORGE H. SHELTON, Fire Marshal.

Bureau of Inspection of Buildings.

WM. P. ESTERBROOK, Inspector of Buildings.

Attorney to Department.

WM. L. FINDLEY, Nos. 155 and 157 Mercer street.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent of Telegraph, Nos. 155 and 157 Mercer street.
Central Office Fire Alarm Telegraph open at all hours.

Repair Shops.

Nos. 128 and 130 West Third street.
JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

99th street, between 9th and 10th avenues.
JOSEPH SHEA, Foreman-in-Charge.
Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.

ALEXANDER SHALER, President; ENMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

No. 36 Union Square, 9 A. M. to 4 P. M.

JOHN D. CRIMMINS, President; EDWARD P. BARKER, Secretary.

Civil and Topographical Office.

Arsenal, 64th street and 5th avenue, 9 A. M. to 5 P. M.
Office of Superintendent of 23rd and 24th Wards.
146th street and 3d avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Nos. 117 and 119 Duane street, 9 A. M. to 4 P. M.
LUCIUS J. N. STARK, President; JOHN T. CUMING, Secretary.

Office hours from 9 A. M. to 4 P. M. daily, except Saturdays; on Saturdays as follows: from September 15 to June 15, from 9 A. M. to 3 P. M.; from June 15 to September 15, from 9 A. M. to 12 M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 3 P. M.

THOMAS B. ASTEN, President; FLOYD T. SMITH, Secretary.
Office Bureau Collection of Arrears of Personal Taxes
Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
CHARLES S. BEARDSLEY, Attorney; WILLIAM COMERFORD, Clerk.

DEPARTMENT OF STREET CLEANING.

31 and 32 Park Row, "World" Building, Rooms and 9, 9 A. M. to 4 P. M.
JAMES S. COLEMAN, Commissioner; A. H. ROGERS, Deputy Commissioner; M. J. MORRISON, Chief Clerk.

MUNICIPAL CIVIL SERVICE ADVISORY AND EXAMINING BOARDS.

No. 23 East Twentieth street.
EVERETT P. WHEELER, Chairman of the Advisory Board; RUSSELL STURGIS, Secretary and Executive Officer.

BOARD OF ASSESSORS.

Office, City Hall, Room No. 11½, 9 A. M. to 4 P. M.
JOHN R. LYDECKER, Chairman; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

Corner Bond street and Bowery, 9 A. M. to 4 P. M.
NICHOLAS HAUGHTON, President; JOHN K. PERLEY, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
ALEXANDER V. DAVIDSON, Sheriff; JOEL O. STEVENS, Under Sheriff; DAVID MCGONIGAL, Order Arrest Clerk.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
JOHN REILLY, Register; J. FAIRFAX McLAUGHLIN, Deputy Register.

COMMISSIONER OF JURORS.

No. 17 New County Court-house, 9 A. M. to 4 P. M.
GEORGE CAULFIELD, Commissioner; JAMES E. CONNER, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
PATRICK KEENAN, County Clerk; H. S. BEATTIE, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
PETER B. OLNEY, District Attorney; HUGH DONNELLY, Chief Clerk.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.
No. 2 City Hall, 8 A. M. to 5 P. M., except Saturdays, on which days 8 A. M. to 3 P. M.
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and Holidays, 8 A. M. to 12.30 P. M.
PHILIP MERKLE, FERDINAND LEVY, BERNARD F. MARTIN and WILLIAM H. KENNEDY, Coroners; JOHN T. TOAL, Clerk of the Board of Coroners.

SUPREME COURT.

Second floor, New County Court-house, 10½ A. M. to 3 P. M.
General Term, Room No. 9.
Special Term, Room No. 10.
Chambers, Room No. 11.
Circuit, Part I., Room No. 12.
Circuit, Part II., Room No. 13.
Circuit, Part III., Room No. 14.
Judges' Private Chambers, Room No. 15.
NOAH DAVIS, Chief Justice; PATRICK KEENAN, Clerk.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.
General Term, Room No. 35.
Special Term, Room No. 33.
Chambers, Room No. 33, 10 A. M.
Part I., Room No. 34.
Part II., Room No. 35.
Part III., Room No. 36.
Judges' Private Chambers, Room No. 30.
Naturalization Bureau, Room No. 32.
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.
JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.
Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.
General Term, Room No. 24, 11 o'clock A. M. to adjournment.
Special Term, Room No. 21, 11 o'clock A. M. to adjournment.
Chambers, Room No. 21, 10.30 o'clock A. M. to adjournment.
Part I., Room No. 25, 11 o'clock A. M. to adjournment.
Part II., Room No. 26, 11 o'clock A. M. to adjournment.
Part III., Room No. 27, 11 o'clock A. M. to adjournment.
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.
CHARLES P. DALY, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court opens at 11 o'clock A. M.
FREDERICK SMYTH, Recorder; HENRY A. GILDER-SLEEVE and RUFUS B. COWING, Judges of the said Court.
Terms, first Monday each month.
JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

CITY COURT.—CITY HALL.

General Term, Room No. 20.
Trial Term, Part I., Room No. 20.
Part II., Room No. 19.
Part III., Room No. 15.
Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.
DAVID McADAM, Chief Justice; JOHN REID, Clerk.

OVER AND TERMINER COURT.

New County Court-house, second floor, southeast corner, Room No. 13. Court opens at 10½ o'clock A. M.
Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, Daily at 10.30 A. M., excepting Saturday.
Clerk's Office, Tombs.

DISTRICT CIVIL COURTS

First District—First, Second, Third, and Fifth Wards, southwest corner of Centre and Chambers streets.
MICHAEL NORTON, Justice.
Clerk's office open from 9 A. M. to 4 P. M.

AQUEDUCT COMMISSION.

COMMISSIONERS OF APPRAISAL OF REAL ESTATE TO BE TAKEN FOR THE NEW AQUEDUCT WITHIN THE COUNTY OF NEW YORK.

EVERY OWNER OR PERSON IN ANY WAY interested in any real estate between the Harlem river and the northern boundary of the City and County of New York, intended to be taken or entered upon and used and occupied for the purposes of the new Aqueduct; also any owner or person interested in any real estate contiguous thereto, and which may be affected by the construction and maintenance of said aqueduct, or of any of the works connected therewith, is hereby required to present his claim to the Commissioners of Appraisal appointed for the purpose of appraising such lands and easements, or ascertaining such damages, at the offices of said Commissioners, Room 803, in the Mutual Life Insurance Building, No. 32 Nassau street, in the City of New York.

All said claims may be filed on and after the first day of October, 1884. The maps showing the location of the Aqueduct, and the lands and interests to be acquired will be on file at the said offices on and after that date.

E. ELLERY ANDERSON,
HENRY F. SPAULDING,
ROBERT MURRAY, } Commissioners

BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE with the provisions of chapter 453 of the Laws of 1884, and of chapter 410 of the Laws of 1882, and of all other provisions of law relating thereto, that the Board of Street Opening and Improvement of the City of New York deem it to be for the public interest to alter and change the grades of streets and avenues, and portions of streets and avenues, in order to adjust the grades thereof to the grade of Eighth avenue within that section of the City of New York bounded on the south by the northerly line of Fifty-ninth street, on the north by One Hundred and Twenty-third street, on the east by the westerly side of the Central Park and the westerly side of Seventh avenue, and on the west by the easterly side of Ninth avenue, in the following-described manner, viz.:

That the grade of Sixty-seventh street, on the westerly line of Eighth avenue, shall be at an elevation of 80 feet 2½ inches, and extend in a straight line to the easterly line of Ninth avenue, elevation 76 feet 10 inches.

That the grade of Sixty-eighth street, on the westerly line of Eighth avenue, shall be at an elevation of 84 feet 1½ inches, and extend in a straight line to the easterly line of Ninth avenue, elevation 79 feet 2 inches.

That the grade of Sixty-ninth street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 82 feet.

That the grade of Seventieth street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 84 feet.

That the grade of Seventy-first street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 83 feet.

That the grade of Seventy-second street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 84 feet.

That the grade of Seventy-third street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 84 feet.

That the grade of Seventy-fourth street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 83 feet 9 inches.

That the grade of Seventy-fifth street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 83 feet 6 inches.

That the grade of Seventy-sixth street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 83 feet 3 inches.

That the grade of Seventy-seventh street, on the westerly line of Eighth avenue, shall be at an elevation of 88 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 83 feet.

That the grade of Eighty-first street, on the westerly line of Eighth avenue, shall be at an elevation of 92 feet 6 inches, and extend in a straight line to the easterly line of Ninth avenue, elevation 84 feet.

That the grade of Eighty-second street, on the westerly line of Eighth avenue, shall be at an elevation of 97 feet, and extend in a straight line to the easterly line of Ninth avenue, elevation 82 feet 6 inches.

That the grade of Eighty-third street, on the westerly line of Eighth avenue, shall be at an elevation of 101 feet 6 inches, and extend in a straight line to the easterly line of Ninth avenue, elevation 81 feet.

That the grade of Ninety-third street, on the westerly line of Eighth avenue, shall be at an elevation of 111 feet 1 inch, and extend in a straight line to the

to the easterly line of Manhattan avenue, elevation 36 feet 6 inches.

That the grade of One Hundred and Thirteenth street, on the westerly line of Eighth avenue, shall be at an elevation of 43 feet 10 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 35 feet 6 inches.

That the grade of One Hundred and Fourteenth street, on the westerly line of Eighth avenue, shall be at an elevation of 41 feet 10 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 34 feet 6 inches; thence to the westerly line of said avenue, elevation 34 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 33 feet 6 inches.

That the grade of One Hundred and Fifteenth street, on the westerly line of Eighth avenue, shall be at an elevation of 39 feet 9 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 33 feet 6 inches; thence to the westerly line of said avenue, elevation 33 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 33 feet 6 inches.

That the grade of One Hundred and Sixteenth street, on the westerly line of Eighth avenue, shall be at an elevation of 37 feet 7 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 32 feet 6 inches; thence to the westerly line of said avenue, elevation 32 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 30 feet.

That the grade of One Hundred and Seventeenth street, on the westerly line of Eighth avenue, shall be at an elevation of 35 feet 5 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 31 feet 6 inches; thence to the westerly line of said avenue, elevation 31 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 30 feet.

That the grade of One Hundred and Eighteenth street, on the westerly line of Eighth avenue, shall be at an elevation of 33 feet 4 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 30 feet 6 inches; thence to the westerly line of said avenue, elevation 30 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 30 feet.

That the grade of One Hundred and Nineteenth street, on the westerly line of Eighth avenue, shall be at an elevation of 31 feet 4 1/2 inches, and extend in a straight line to the easterly line of Manhattan avenue, elevation 29 feet 6 inches; thence to the westerly line of said avenue, elevation 29 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 30 feet.

That the grade of One Hundred and Twentieth street, on the westerly line of Eighth avenue, shall be at an elevation of 29 feet 4 inches; thence westerly 110 feet, elevation 30 feet 1 1/2 inches; thence westerly 260 feet to the easterly line of Manhattan avenue, elevation 28 feet 6 inches; thence to the westerly line of said avenue, elevation 28 feet 6 inches; thence in a straight line to the easterly line of new avenue east of Morningside Park, elevation 30 feet.

That the grade of One Hundred and Twenty-first street, on the westerly line of Eighth avenue, shall be at an elevation of 27 feet 3 1/2 inches; thence westerly 231 feet 10 1/2 inches, elevation 28 feet 5 inches.

That the grade of Manhattan avenue, on the northerly line of One Hundred and Twelfth street, shall be at an elevation of 84 feet 9 inches; thence in a straight line 231 feet 10 inches to the centre line of One Hundred and First street, elevation 90 feet 10 inches; thence in a straight line to the centre line of One Hundred and Second street, elevation 98 feet.

That the grade of Manhattan avenue, commencing at the centre line of One Hundred and Eleventh street, shall be at an elevation of 38 feet; thence in a straight line to the centre of One Hundred and Twelfth street, elevation 36 feet 6 inches; thence in a straight line to the centre of One Hundred and Thirteenth street, elevation 35 feet 6 inches; thence in a straight line to the centre of One Hundred and Fourteenth street, elevation 34 feet 6 inches; thence in a straight line to the centre of One Hundred and Fifteenth street, elevation 33 feet 6 inches; thence in a straight line to the centre of One Hundred and Sixteenth street, elevation 32 feet 6 inches; thence in a straight line to the centre of One Hundred and Seventeenth street, elevation 31 feet 6 inches; thence in a straight line to the centre of One Hundred and Eighteenth street, elevation 30 feet 6 inches; thence in a straight line to the centre of One Hundred and Nineteenth street, elevation 29 feet 6 inches; thence in a straight line to the centre of One Hundred and Twentieth street, elevation 28 feet 6 inches; thence in a straight line to the centre of One Hundred and Twenty-first street, elevation 27 feet 6 inches.

That the grade of the new avenue east of Morningside Park, on the centre line of One Hundred and Thirteenth street, produced, shall be at an elevation of 35 feet 6 inches; thence in a straight line to the centre of One Hundred and Fourteenth street, produced, elevation 33 feet 6 inches; thence in a straight line to the centre line of One Hundred and Fifteenth street, produced, elevation 31 feet 6 inches; thence in a straight line to the centre line of One Hundred and Sixteenth street, produced, elevation 30 feet.

All elevations in feet and inches are taken as above city base or datum line through the centre lines of streets. And that they propose to alter and change the grades of the above-described streets and avenues and portions of streets and avenues in the manner aforesaid.

Dated New York, September 1, 1884.

FRANKLIN EDSON,

Mayor;

S. HASTINGS GRANT,

Comptroller;

HUBERT O. THOMPSON,

Commissioner of Public Works;

EGBERT L. VIELE,

President of the Department of Public Parks;

W. P. KIRK,

President of the Board of Aldermen;

Board of Street Opening and Improvement.

ARTHUR BERRY, Secretary.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
117 AND 119 DUANE STREET.

TO CONTRACTORS.

(No. 219.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE PIER AT THE FOOT OF WEST ONE HUNDRED AND TWENTY-NINTH STREET, NORTH RIVER.

ESTIMATES FOR REPAIRING THE PIER AT the foot of West One Hundred and Twenty-ninth street, North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, Nos. 117 and 119 Duane street, in the City of New York, until 12 o'clock M., of

WEDNESDAY, DECEMBER 10, 1884.

At which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, 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.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

	Feet B. M. measured in the work.
1. Yellow Pine Timber, 8"x16".....	171
" " " 8"x15".....	580
" " " 12"x14".....	1,470
" " " 6"x14".....	1,078
" " " 12"x12".....	59,818
" " " 10"x12".....	1,380
" " " 10"x10".....	468
" " " 8"x 8".....	3,413
" " " 6"x12".....	4,113
" " " 5"x10".....	6,637
" " " 5"x10" plank.....	112,120
" " " 4"x10".....	320
Total.....	191,589

2. White Oak Timber, 8"x12", 2,800 feet, B. M. measured in the work.

NOTE.—The above quantities of timber are exclusive of extra lengths required for scarfs, laps, etc., and of waste.

3. White Pine, Yellow Pine, or Cypress Piles..... 117

NOTE.—It is expected that the piles will run from 40 feet in length at the inner end of the pier to 70 feet in length at the outer end of the pier, but all piles must be long enough to bring up in driving, as required by the specifications.

4. White or Yellow Pine Mooring Piles, from 50 to 75 feet in length..... 9

5. White Oak Fender Piles, about 55 feet long..... 20

6. 1 1/2" and 1" Screw Bolts..... 3,675 pounds.

7. Boiler Plate Armatures..... 19,277 "

8. 3/4"x29", 3/4"x27", 3/4"x22", 3/4"x12", 3/4"x20", 3/4"x16", 3/4"x14", 3/4"x12", 3/4"x9", 3/4"x12", 3/4"x10", and 3/4"x10" square wrought-iron Dock Spikes, and 3/4"x8", 3/4"x5" and 3/4"x6" round Spikes and iron pile straps, about..... 12,787 "

9. Cast-iron washers, for 1 1/2" and 1" bolts, about..... 2,772 "

NOTE.—The above quantities of Dock Spikes, Screw Bolts and Washers are exclusive of iron required for temporary fastenings and of waste.

10. Dry rubble wall to be relaid, about..... 35 cubic yards.

11. Materials for repairing the approach.....

12. Iron wire rope, about..... 32 pounds.

13. Materials for painting, and oiling or tarring.....

14. Labor of removing so much of the old pier at the foot of West One Hundred and Twenty-ninth street, North river, as is to be removed under this contract, and of removing all the old material from the premises.....

15. Labor of every description for about 12,000 square feet of new pier.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1st. Bidders must satisfy themselves, by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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

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

The work to be done under the contract is to be commenced within five days after the date of the contract, and all the work to be done under the contract is to be fully completed on or before the twentieth day of March, 1885, and the damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the said pier, to be removed under the contract, will be relinquished to the contractors, and bidders must estimate the value of such material when considering the price for which they will do the work under the contract.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing the work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be re-advertised and relet, and so on until it be accepted and executed.

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

Each 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work to be done 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 and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the

National banks of the City of New York, drawn to the order of the Comptroller or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned by the Comptroller to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him by the Comptroller.

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

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

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

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

LUCIUS J. N. STARK,

WILLIAM LAIMBEER,

JOHN R. VOORHIS,

Commissioners of the Department of Docks.

Dated, New York, November 28, 1884.

DEPARTMENT OF DOCKS,
117 AND 119 DUANE STREET.

TO CONTRACTORS.

(No. 220.)

PROPOSALS FOR ESTIMATES FOR REPAIRING PIERS AT WEST FIFTEENTH STREET AND WEST SIXTEENTH STREET, NORTH RIVER.

ESTIMATES FOR REPAIRING PIER AT WEST Fifteenth street, North river, and for repairing Pier at West Sixteenth street, North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, Nos. 117 and 119 Duane street, in the City of New York, until 12 o'clock M. of

WEDNESDAY, DECEMBER 10, 1884.

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

Any person making an estimate for the work, or for either class thereof, shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, 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.

The Engineer's estimate of the nature, quantities and extent of the work, is as follows:

	CLASS 1. Repairs to Pier at West Fifteenth street, North river.	CLASS 2. Repairs to Pier at West Sixteenth street, North river.
1. 12"x12" Yellow Pine, feet B. M.....	26,040	28,140
2. 8"x12" Yellow Pine, feet B. M.....	160	160
3. 6"x12" Yellow Pine, feet B. M.....	2,640	2,496
4. 5"x10" Yellow Pine, feet B. M.....	4,617	4,617
5. 5" plank, Yellow Pine, feet B. M.....	40,000	39,705
NOTE.—The above quantities are exclusive of extra lengths required for Scarfs, Laps, etc., and of Waste.		
6. Spruce, Pine or Cypress Piles, 55 to 60 feet long.....	14	40
NOTE.—These lengths are approximate only. The piles must be long enough to bring up in driving as required in the specifications.		
7. Mooring piles, White or Yellow Pine, about 55 feet long.....	10	8
8. Half-round Oak Fenders.....	35	34
9. Oak Fender Piles, about 50 feet long.....	8	6
10. 8"x12" White Oak Timber, feet B. M.....	224	224
11. 3/4"x26", 3/4"x24", 3/4"x22", 3/4"x16", 3/4"x18", 3/4"x16", 3/4"x14", 3/4"x12", 3/4"x10", 3/4"x9" square, and 3/4"x12", and 3/4"x6" round dock Spikes, about lbs.....	5,200	5,400
12. 1 1/4" and 1" wrought-iron Screw Bolts, about lbs.....	1,340	1,472
13. Cast-iron Washers for 1 1/4" and 1" Screw Bolts, about lbs.....	931	1,095
14. Armature Plates and Corner Bands, wrought-iron, about lbs.....	2,150	2,150
15. Labor and material of removing old crib work and of building new crib work, complete, about cubic feet.....	4,470	.....
16. Labor and materials in removing, grading for and relaying old pavement and approach, about square yards.....	82	41
17. Labor in both classes of framing and carpentry, including all moving of timber, jointing, planing, bolting, spiking and labor of every description.....		
18. Labor in each class, respectively, of removing from the premises all the old material, except that to be used in the work under this contract.....		

Estimates may be made for either or both of the above two classes.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1st. Bidders must satisfy themselves, by personal examination, of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work contracted for, to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract.

cations of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, in either or both classes, to be specified by the lowest bidder, shall be due or payable for the entire work.

The bidder to whom an award is made shall give security for the faithful performance of his contract, in the manner prescribed and required by ordinance, in the sum of Twelve Hundred Dollars for Class 1, and in the sum of Twelve Hundred Dollars for Class 2, and in case the contract for both of the above-named classes be awarded to him, in the sum of Two Thousand Four Hundred Dollars.

The work to be done under Class 1 of the contract is to be commenced within five days after the date of the contract, and all the work to be done under Class 1 is to be fully completed on or before the fourteenth day of February, 1885; and the work to be done under Class 2 of the contract is to be commenced not earlier than thirty days after the date of the contract, and not later than thirty-five days after the date of the contract, and all the work to be done under Class 2 is to be fully completed on or before the fourteenth day of March, 1885; and the damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time or times fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the said structures to be removed under the contract, will be relinquished to the contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under the contract.

Bidders will state in their estimates a price for the whole of the work to be done in either or both of the above two classes, respectively, in conformity with the approved form of agreement and the specifications therein set forth, by which prices the bids will be tested. These prices are to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing each of the two classes of this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be re-advertised and relet, and so on until it be accepted and executed.

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

Each 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the work to be done in each class, 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 and otherwise; and that he has offered himself as surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk, and found to be correct. All such deposits, except that of the successful bidder, will be returned by the Comptroller to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him by the Comptroller.

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

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

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

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

LUCIUS J. N. STARK,

WILLIAM LAIMBEER,

JOHN R. VOORHIS,

Commissioners of the Department of Docks.

Dated, New York, November 28, 1884.

DEPARTMENT OF DOCKS,
117 AND 119 DUANE STREET,

NEW YORK CITY.

NOTICE TO MARINERS IN THE PORT OF NEW YORK, PILOTS, AND ALL OTHERS TO WHOM IT MAY CONCERN.

PLEASE TAKE NOTICE THAT THIS DEPARTMENT has placed off the Battery and south of Pier, new 1, North river, two wooden floats or buoys, cubical in shape, six feet on each side, painted black, and anchored on a line bearing S. 7 1/2° east from southwest corner of Pier, new 1, North river, the first float being anchored about 209 feet and the second about 335 feet distant therefrom.

By order of the Board.

JOHN T. CUMING,

Secretary.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, November 22, 1884.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing a house for the Fire Department, to be erected on Old Slip, between Front and Water streets, for Hook and Ladder Company No. 15, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 11 o'clock A. M., Thursday, December 11, 1884, at which time and place they will be publicly opened by the head of said Department and read.

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

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings, which form part of these proposals.

The house to be completed and delivered in one hundred and sixty (160) days after the date of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are, by a clause in the contract, fixed and liquidated at twenty-five (\$25) dollars per day.

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

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, 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.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Each bid or estimate shall be accompanied by the consent in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance in the sum of fifteen thousand dollars (\$15,000); and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made, and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of seven hundred and fifty dollars (\$750). Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

The form of the agreement and specifications and drawings, and showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

CORNELIUS VAN COTT,
HENRY D. PURROY,
RICHARD CROKER,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, Nov. 21, 1883.

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

CORNELIUS VAN COTT, President.
HENRY D. PURROY,
RICHARD CROKER,
Commissioners

CARL JUSSÉN,
Secretary.

THE CITY RECORD.

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

CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1762, No. 1. Regulating and grading, setting curb and flagging in Eighty-first street, from the Boulevard to Riverside Drive.

List 1839, No. 2. Regulating and grading, setting curb and flagging One Hundred and Fifty-third street, from Tenth avenue to the Boulevard.

List 1924, No. 3. Sewer in Lexington avenue, between Eighty-fifth and Eighty-sixth streets.

List 1934, No. 4. Sewer in Avenue A, between Ninety-second street and Harlem river.

List 1949, No. 5. Sewer in Ninety-second street, between Avenue A and First avenue.

The limit embraced by such assessments includes all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Eighty-first street, from the Boulevard to Riverside Drive.

No. 2. Both sides of One Hundred and Fifty-third street, from Tenth avenue to the Boulevard.

No. 3. Both sides of Lexington avenue, between Eighty-fifth and Eighty-sixth streets.

No. 4. East side of First avenue and west side of Avenue A, between Ninety-second and Ninety-third streets; also, south side of Ninety-third street, between Avenue A and First avenue.

No. 5. Both sides of Ninety-second street, from Avenue A to First avenue.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 31st of December ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 11½ CITY HALL,
NEW YORK, November 29, 1884.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1871, No. 1. Sewer in Sixth avenue, east side, between Fifty-third and Fifty-fourth streets.

List 1910, No. 2. Paving One Hundred and Eleventh street, from First to Second avenues.

List 1936, No. 3. Sewer in Seventy-third street, between First and Third avenues.

List 1954, No. 4. Alteration and improvement to sewer in Fifth avenue, between Fifty-ninth and Sixtieth streets.

List 1968, No. 5. Sewer in Beekman street, between Water and Sixth streets.

List 1978, No. 6. Sewer in Seventieth street, between Eighth and Ninth avenues, from end of present sewer west of Ninth avenue.

List 1995, No. 7. Sewer in West Tenth street, between Greenwich and Sixth avenues.

List 2029, No. 8. Sewer in Fifty-sixth street, between Fifth and Sixth avenues.

List 2053, No. 9. Flagging sidewalks on westerly side First avenue, between Fifty-sixth and Sixty-fourth streets, and on the easterly side First avenue, between Fifty-ninth and Sixtieth streets and between Sixty-fourth and Sixty-fifth streets, where there is now only one four feet course of flagging.

List 2082, No. 10. Receiving-basins west side Eighth avenue, between Seventy-seventh and Eighty-first streets.

List 2184, No. 11. Sewer in One Hundred and Thirty-fifth street, between Eighth avenue and Avenue St. Nicholas.

List 2206, No. 12. Flagging One Hundred and Nineteenth street, from Seventh to Eighth avenues.

List 2207, No. 13. Sewer in One Hundred and Thirty-fourth street, between Eighth avenue and Avenue St. Nicholas.

List 2244, No. 14. Flagging both sides of Sixty-Eighth street, between First and Second avenues.

List 2205, No. 15. Flagging both sides Eleventh avenue, between Fifty-eighth and Fifty-ninth streets, and on the north side Fifty-eighth street, between Tenth and Eleventh avenues.

List 2099, No. 16. Sewer in Spring street, between Broadway and Mercer street.

List 2100, No. 17. Flagging sidewalks east side of Fifth avenue, from Sixty-sixth street to Sixty-seventh street, and north side Sixty-sixth street, from Fifth to Madison avenues.

List 2101, No. 18. Flagging east side of Fifth avenue, from Sixty-seventh to Sixty-eighth streets, and on the south side Sixty-eighth street, from Madison to Fifth avenues.

List 2102, No. 19. Flagging both sides of One Hundred and Eighteenth street, from First to Second avenues.

List 2103, No. 20. Sewer in One Hundred and Twenty-eighth street, between Eighth avenue and Avenue St. Nicholas.

List 2104, No. 21. Sewer in Third avenue, east side, between Eighty-eighth and Eighty-ninth streets.

List 2105, No. 22. Sewer in Front street, between Broad and Whitehall streets.

List 2106, No. 23. Receiving-basins on the northeast and southeast corners of Avenue A and Fourteenth street, and on the southeast corner of Goerck and Stanton streets.

List 2107, No. 24. Paving Eighty-ninth street, from Avenue A to Avenue B.

List 2109, No. 25. Receiving-basin and sewer connection on the northeast corner of Alexander avenue and One Hundred and Thirty-sixth street.

List 2111, No. 26. Sewer and appurtenances in One Hundred and Forty-sixth street, between Brook and St. Ann's avenues, with branch in St. Ann's avenue, between One Hundred and Forty-sixth and One Hundred and Forty-seventh streets.

List 2112, No. 27. Sewer and appurtenances in Washington avenue, between East One Hundred and Sixty-ninth and East One Hundred and Seventieth streets.

List 2113, No. 28. Flagging sidewalk and setting curb and gutter stones, and laying crosswalk on the southerly side of One Hundred and Fifty-first street, from Courtland to Morris avenues.

List 2117, No. 29. Sewer in Fifth avenue, east side, between Thirtieth and Fourteenth streets.

The limit embraced by such assessments includes all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. East side Sixth avenue, between Fifty-third and Fifty-fourth streets.

No. 2. Both sides of One Hundred and Eleventh street, from First to Second avenues, and to the extent of half the block at the intersecting avenues.

No. 3. Both sides of Seventy-third street, from First to Third avenues.

No. 4. East side Fifth avenue, between Fifty-ninth and Sixtieth streets.

No. 5. Both sides of Beekman street, between Water and South streets.

No. 6. Both sides of Seventieth street, between Eighth and Ninth avenues, and the lots situated on the northwest and southwest corners of Ninth avenue and Seventieth street.

No. 7. Both sides of West Tenth street, between Greenwich and Sixth avenues, including property situated on both sides of Patchin place.

No. 8. Both sides of Fifty-sixth street, between Fifth and Sixth avenues.

No. 9. West side of First avenue, between Sixty-third and Sixty-fourth streets; east side First avenue, between

Sixty-fourth and Sixty-fifth streets; west side First avenue, between Fifty-eighth and Fifty-ninth streets; east side First avenue, between Fifty-ninth and Sixtieth streets, and west side First avenue, between Sixty-first and Sixty-second streets, and west side First avenue, between Fifty-sixth and Fifty-eighth streets.

No. 10. Manhattan Square.

No. 11. Both sides of One Hundred and Thirty-fifth street, between Eighth avenue and Avenue St. Nicholas.

No. 12. Both sides of One Hundred and Nineteenth street, from Seventh to Eighth avenues.

No. 13. Both sides of One Hundred and Thirty-fourth street, from Eighth avenue to Avenue St. Nicholas.

No. 14. Both sides of Sixty-eighth street, from First to Second avenues.

No. 15. Both sides of Eleventh avenue, between Fifty-eighth and Fifty-ninth streets; and on the north side of Fifty-eighth street, between Tenth and Eleventh avenues.

No. 16. Both sides of Spring street, between Broadway and Mercer street.

No. 17. East side of Fifth avenue, between Sixty-sixth and Sixty-seventh streets; and north side of Sixty-sixth street, from Fifth to Madison avenues.

No. 18. East side of Fifth avenue, from Sixty-seventh to Sixty-eighth streets; and south side of Sixty-eighth street, from Madison to Fifth avenues.

No. 19. Both sides of One Hundred and Eighteenth street, from First to Second avenues.

No. 20. Both sides of One Hundred and Twenty-eighth street, between Eighth avenue and Avenue St. Nicholas; also, west side of Avenue St. Nicholas, from centre line of One Hundred and Twenty-eighth to the centre line of One Hundred and Twenty-ninth street.

No. 21. East side of Third avenue, between Eighty-eighth and Eighty-ninth streets.

No. 22. Both sides of Front street, between Broad and Whitehall streets.

No. 23. East side of Avenue A, between Thirtieth and Fifteenth streets; also, east side of Goerck street, extending 260 feet south of Stanton street.

No. 24. Both sides of Eighty-ninth street, from Avenue A to Avenue B, and to the extent of half the block at the intersecting avenues.

No. 25. North side of One Hundred and Thirty-sixth street, from Willis to Alexander avenues, and east side of Alexander avenue, between One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets.

No. 26. Both sides of One Hundred and Forty-sixth street, between Brook and St. Ann's avenues, and west side of St. Ann's avenue, between One Hundred and Forty-sixth and One Hundred and Forty-seventh streets.

No. 27. Both sides of Washington avenue, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets.

No. 28. South side of One Hundred and Fifty-first street, from Courtland to Morris avenues.

No. 29. East side of Fifth avenue, between Thirtieth and Fourteenth streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 26th of December ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 11½ CITY HALL,
NEW YORK, November 22, 1884.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, No. 31 CHAMBERS ST.,
NEW YORK, Dec. 1, 1884.

NOTICE OF SALE AT PUBLIC AUCTION.

ON SATURDAY, DECEMBER 13, 1884, AT 11 o'clock A. M., the Department of Public Works will sell at public auction, by Van Tassel & Kearney, auctioneers, as follows, viz.:

AT CORPORATION YARD, FOOT OF TWENTY-FOURTH STREET, EAST RIVER.

About 25 tons of Scrap Cast Iron, also 2 Horses.

AT CORPORATION YARD, RIVINGTON STREET,

About 35 tons Old Iron.

TERMS OF SALE.

Cash payments in bankable funds at the time and place of sale and the immediate removal of the articles purchased.

HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, November 29, 1884.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until Friday, December 12, 1884, at 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department and read, for the following:

No. 1 SEWERS IN SIXTY-SEVENTH, SIXTY-EIGHTH AND SIXTY-NINTH STREETS, between West End avenue and land of the New York Central & Hudson River Railroad.

No. 2 SEWER IN NINETY-FIFTH STREET, between Ninth and Tenth avenues.

No. 3 SEWERS IN NINETY-SEVENTH STREET, between Boulevard and Riverside avenue.

No. 4 SEWER IN ONE HUNDRED AND SIXTH STREET, between Boulevard and Summit, east.

No. 5 SEWERS IN ONE HUNDRED AND SIXTH STREET, between Summits east and west of Tenth avenue.

No. 6 SEWERS IN ONE HUNDRED AND SEVENTEENTH STREET, between Fifth and Sixth avenues; in AVENUE ST. NICHOLAS, between One Hundred and Sixteenth and One Hundred and Seventeenth streets; and in ONE HUNDRED AND SEVENTEENTH STREET, between Avenue St. Nicholas and Eighth avenue.

No. 7 SEWER IN ONE HUNDRED AND THIRTY-SEVENTH STREET, between Seventh and Eighth avenues.

No. 8 RECEIVING BASINS on the northwest and southwest corners of ONE HUNDRED AND FIRST STREET AND THIRD AVENUE, and on the northeast, northwest, southeast and southwest corners of ONE HUNDRED AND SIXTH STREET AND FOURTH AVENUE.

No. 9 REGULATING AND GRADING NEW AVENUE, first east of and generally parallel with Ninth avenue, or St. Nicholas place, from One Hundred and Forty-fifth street to St. Nicholas place, setting curb-stones, flagging sidewalks, and constructing retaining wall and drain-pipes therein.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other

person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained for sewers, at Room 8; for regulating and grading, at Room 5, No. 31 Chambers street.

HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, Nov. 1, 1884.

PUBLIC NOTICE IS HEREBY GIVEN TO property-owners of the City of New York that, by the New York City Consolidated Act of 1882, among other matters relating to Croton water rates and affecting all properties liable for Croton water charges, is embraced the following, in "Title 2, Duties and Powers of the Department of Public Works as to Procuring and Distributing Water":

"§ 350. The Commissioner of Public Works shall, from time to time, establish scales of rents."

Such rents shall be collected from the owners or occupants of all such buildings, respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water, said rents shall become a charge and lien upon such houses and lots, respectively, as provided by law.

It becomes my duty to state that on and after the first day of April, 1885, all extra charges, such as steam-engines, bakeries, barbers, bathing-tubs, boarding-houses, boarding-schools, building purposes, horses, horse-troughs, hotels, porter-houses, taverns, etc., printing offices, stone cutting or dressing, slaughter-houses, dyeing, water-closets and urinals, laundries, restaurants, soda fountains, extra families, oyster and coffee saloons, water by meter measurement, meters and meter setting, and all other purposes for which the use of Croton water is chargeable according to law, are liens, and unless paid on or before the 30th day of April next must be returned to the Clerk of Arrears, with the amount due on each lot.

HUBERT O. THOMPSON,
Commissioner of Public Works.

JURORS

NOTICE IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
NEW COUNTY COURT-HOUSE,
NEW YORK, JUNE 1, 1883.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 10 to 3 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.

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

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines if unpaid will be entered as judgments upon the property of the delinquents.

All good citizens will aid the 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.

GEORGE CAULFIELD,
Commissioner of Jurors,
Room 17, New County Court-house

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 39),
No. 300 MULBERRY STREET,
NEW YORK, 1884.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 39, for the following property, now in his custody

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, corner of Grand and Elm streets, by the Committee on Normal College, until 4 o'clock P. M. on Thursday, the 18th day of December, 1884, for altering the iron railing, granite coping, flagging, etc., around the Normal College buildings, on Sixty-eighth and Sixty-ninth streets, Lexington and Fourth avenues.

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

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

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

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

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

WILLIAM WOOD,
ISAAC BELL,
GILBERT H. CRAWFORD,
EUGENE KELLY,
GUSTAV SCHWAB,
Committee on Normal College.

Dated New York, December 4, 1884.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, corner of Grand and Elm streets, by the School Trustees, of the Twelfth Ward, until 9 o'clock A. M. on Wednesday, the 17th day of December, 1884, for Furniture for Grammar School No. 57, on East One Hundred and Fifteenth street, between Third and Lexington avenues.

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

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

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

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

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

ANDREW L. SOULARD,
CHARLES CRARY,
JOHN WHALEN,
G. W. DEBEVOISE,
DAVID H. KNAPP,
Board of School Trustees, Twelfth Ward.

Dated New York, December 3, 1884.

SEALED PROPOSALS WILL BE RECEIVED by the School Trustees of the Twentieth Ward, at the Hall of the Board of Education, corner of Grand and Elm streets, until Tuesday, December 16, 1884, and until 4 o'clock P. M. on said day, for the erection of a new school-house on the south side of West Thirty-sixth street, between Eighth and Ninth avenues (branch of Grammar School No. 32).

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

Proposals will be received *only* for the entire work and materials required for the erection of the building, and must be indorsed, "Proposals for the Erection of a School-house on West Thirty-sixth street, in the Twentieth Ward."

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

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

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

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

THOMAS MAHER,
JOHN H. TIETJEN,
LEROY CLARK,
JAMES J. THOMSON,
GEORGE A. JONES,
Board of School Trustees, Twentieth Ward.

Dated New York, December 1, 1884.

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 Thursday, the 17th day of December, 1884, and until 4 o'clock P. M. on said day, for erecting an Addition to Grammar School-house No. 43, on the north side of West One Hundred and Twenty-ninth street.

Proposals will be received *only* for the entire work and materials required for the erection of the building, and must be indorsed "Proposals for the Erection of a School-house on West One Hundred and Twenty-ninth street, in the Twelfth Ward."

Sealed proposals will also be received at the same place and time for iron stairways, etc., at Grammar School-house No. 57, on East One Hundred and Fifteenth street, between Third and Lexington avenues.

Sealed proposals will also be received at the same place and time for alterations at Grammar School-house No. 68, on West One Hundred and Twenty-eighth street, between Sixth and Seventh avenues.

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

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

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

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

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

ANDREW L. SOULARD,
DAVID H. KNAPP,
CHARLES CRARY,
JOHN WHALEN,
G. W. DEBEVOISE,
Board of School Trustees, Twelfth Ward.

Dated New York, November 26, 1884.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, corner of Grand and Elm streets, by the School Trustees of the Twenty-fourth Ward, until 4 o'clock P. M. on Monday, the 15th day of December, 1884, for new Water-closets at Grammar School-house No. 63, on Third Avenue, near One Hundred and Seventy-third street.

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

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

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

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

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

SAMUEL L. PURDY,
WARREN C. CRANE,
FERDINAND MEYER,
FREDERICK FOLZ,
WM. MEIKLEHAM,
Board of School Trustees, Twenty-fourth Ward.

Dated New York, December 1, 1884.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, corner of Grand and Elm streets, by the School Trustees of the Twenty-third Ward, until 9 o'clock A. M. on Thursday, the 17th day of December, 1884, for Iron Stairways at Primary Department Grammar School-house No. 60, on Courtland avenue, near One Hundred and Forty-eighth street.

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

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

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

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

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

WILLIAM HOGG,
A. FAHS,
L. A. FULLGRAFF,
SAMUEL SAMUELS,
WILLIAM R. BEAL,
Board of School Trustees, Twenty-third Ward.

Dated, New York, November 26, 1884.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

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

TO CONTRACTORS.

PROPOSALS FOR POULTRY.

SEALED BIDS OR ESTIMATES FOR FURNISHING About 15,700 pounds of Poultry, for use on Christmas Day

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M., of Friday, the 19th day of December, 1884. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Poultry," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the head of said Department and read.

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

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

Delivery will be required to be made on Wednesday, December 24, before 7 o'clock, A. M.

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

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

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

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

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

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

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

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

Dated New York, December 8, 1884.

JACOB HESS,
HENRY H. PORTER,
THOMAS S. BRENNAN,
Commissioners of the Department of
Public Charities and Correction

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

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, DRY GOODS AND LUMBER.

SEALED BIDS OR ESTIMATES FOR FURNISHING GROCERIES.

- 5,000 pounds Dairy Butter; sample on exhibition
- Thurs day, December 18, 1884.
- 800 pounds Maracabo Coffee, roasted.
- 1,500 pounds Rio Coffee.
- 1,000 pounds Cheese.
- 500 pounds Macaroni, 25-pound packages.
- 1,000 pounds Prunes.
- 800 pounds Cut Loaf Sugar.
- 1,000 pounds Oolong Tea.
- 33,000 Fresh Eggs, all to be canned.
- 500 barrels good, sound Irish Potatoes, to weigh 168 pounds net per barrel, to be delivered at Blackwell's Island.
- 100 barrels Prime Carrots, 120 pounds net per barrel.
- 100 barrels Prime Russia Turnips, 135 pounds net per barrel.
- 10 barrels Pickles, new crop (40-gallon barrels, 2.00 to the barrel).
- 5 barrels first quality Sal Soda, average about 350 pounds (in original packages).
- 100 bushels Beans.
- 10 dozen Canned Peas, 2 pounds.
- 10 dozen Canned Pears, 3 pounds.
- 10 dozen Canned Peaches, 3 pounds.
- 10 dozen Worcester-shire Sauce, pints.
- 20 dozen Sea Foam.
- 100 bags Fine Meal (100 pounds each).
- 100 bales prime quality Timothy Hay, tare not to exceed 3 pounds and weight charged as received at Blackwell's Island.
- 150 bales long bright Rye Straw, weight and tare as on hay.

- DRY GOODS.
- 100 pieces Oiled Muslin.
- 300 pounds Knitting Cotton.
- 100 pounds Linen Thread No. 40, Dark Blue.
- 50 gross W. C. Buttons.
- 100 Rubber Blankets.
- 10,000 yards Brown Muslin.
- 5,000 yards Cassimere.
- 600 yards Red Flannel.
- 8 dozen Hair Brushes.
- 8 dozen Dust Brushes.

- LUMBER.
- 10,000 feet B. M. good shipping Box Boards, 12 to 16 inches wide, 12 to 16 feet long, dressed one side.
- 5,000 feet good clear Pine, 1 inch, 12 to 16 inches wide, 12 to 16 feet long.
- 5,000 feet good clear Pine, 1½ inches, 12 to 16 inches wide, 12 to 16 feet long.
- 100 Wall Strips, 2x4 inches.
- 100 Hemlock Joists, 3x4 inches.
- All to be delivered at Blackwell's Island.

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M., of Friday, December 19, 1884. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Dry Goods and Lumber," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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

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

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

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

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

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

his liabilities, as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the NATIONAL Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

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

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

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

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

Dated New York, December 8, 1884.

JACOB HESS,
HENRY H. PORTER,
THOMAS S. BRENNAN,
Commissioners of the Department of
Public Charities and Correction.

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

TO CONTRACTORS.

PROPOSALS FOR THE EQUIPMENT OF AN INCANDESCENT ELECTRIC LIGHT PLANT ON WARD'S ISLAND

will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 9.30 o'clock A. M., of Friday, December 12, 1884. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Electric Light on Ward's Island," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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

Each bidder must give the location and state the name of the purchaser where an Incandescent Electric Light Plant of the system bid for has been in successful operation for six months or more prior to the date of his bid. If the Plant designated in said bid shall not be deemed satisfactory by the Board of Public Charities and Correction, the bid will be rejected.

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

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 and guarantee the successful working of the Plant and system accepted, for six months after the completion of the contract for the equipment of said Plant or system, by his or their bond, with two sufficient sureties, each in the penal amount of ten thousand (\$10,000) dollars.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance and for the successful working of the said Plant or system for the period of six months from the date of the completion thereof; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or

persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

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

Dated New York, November 17, 1884.

JACOB HESS,

HENRY H. PORTER,

THOMAS S. BRENNAN,

Commissioners of the Department of Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, Dec. 5, 1884.

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

At Charity Hospital, Blackwell's Island—Antonio Tredici; aged 50 years; 5 feet 8 inches high; dark hair and eyes. Had on when admitted gray coat and pants, blue shirt, rubber shoes.

Thomas Gagnon; aged 20 years; 5 feet 8 inches high; dark hair; brown eyes. Had on when admitted gray coat and pants, brown shirt, black derby hat, boots.

At Workhouse, Blackwell's Island—Rudolph Baumshoff; aged 54 years; committed October 14, 1884.

At Lunatic Asylum, Blackwell's Island—Sarah Wade; aged 55 years; 5 feet 4 inches high; light brown hair; blue eyes. Admitted May 26, 1869.

Mary A. Dillon; aged 78 years; 5 feet 2 inches high; gray hair; blue eyes.

At Homoeopathic Hospital, Ward's Island—Gregorio Munoz; aged 29 years; 5 feet 3 inches high; brown eyes; black hair. Had on when admitted dark mixed coat, black vest, striped pants, congress gaiters.

Mary Lynch; aged 39 years; 4 feet 11 inches high; blue eyes; brown hair.

Henry Gallina; aged 60 years; 5 feet 4 inches high; blue eyes; gray hair. Had on when admitted blue coat and vest, black pants, laced shoes, black derby hat.

Charles F. Dode; aged 60 years; 5 feet 1 inch high; brown eyes and hair. Had on when admitted brown mixed coat and vest, black pants, gaiters, white derby hat.

Nothing known of their friends or relatives.

By order.

G. F. BRITTON
Secretary.

SUPREME COURT.

In the matter of the application of the Commissioners of the Department of Public Parks for and in behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title to that certain street or avenue, known as Sedgwick avenue, although not yet named by proper authority (and laid out as a street of the first class), from Boston avenue to Van Courtlandt avenue, in the Twenty-fourth Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 73 William street (third floor), in the said city, on or before the 27th day of December, 1884, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 27th day of December, 1884, and for that purpose will be in attendance at our said office on each of said ten days at three o'clock P. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 29th day of December, 1884.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: Commencing at a point on the westerly side of Sedgwick avenue, distant about 1,500 feet southerly from the intersection of Sedgwick and Boston avenues; running thence westerly in a line at right angles, or nearly so, with Sedgwick avenue about six hundred feet; thence northerly and easterly in a line parallel, or nearly so, with Sedgwick avenue, and distant about six hundred feet therefrom to the westerly side of Van Courtlandt avenue; thence southerly along Van Courtlandt avenue to a point distant about six hundred feet southerly from Sedgwick avenue; thence westerly and southerly in a line parallel, or nearly so, with Sedgwick avenue, and about six hundred feet therefrom to a point which would be intersected by a line drawn in continuation of the first course hereinabove mentioned; thence westerly in a straight line to the point or place of beginning, as the said area of assessment is more fully and particularly shown upon the benefit map in this proceeding, filed as above mentioned.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the 16th day of January, 1885, 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 15, 1884.

HENRY M. WHITEHEAD,

WILLIAM H. BARKER,

JOHN D. OTTIELL,

Commissioners.

ARTHUR BERRY, Clerk.

In the matter of the application of the Mayor, Aldermen and Commonalty of the City of New York, relative to the widening of Gansevoort street, from Washington street to the intersection of Gansevoort and West Thirtieth streets, and West Thirtieth street, from Eighth avenue to the intersection of Gansevoort and West Thirtieth streets, in the City of New York, as widened by the Board of Street Opening and Improvement of said city.

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

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 73 William street (third floor), in the said city, on or before the 22d day of December, 1884, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 22d day of December, 1884, and for that purpose will be in attendance at our said office on each of said ten days at 12 o'clock P. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 22d day of December, 1884.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, blocks, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows: Northerly by the southerly side of Seventeenth street; easterly by the westerly side of Seventh avenue; southerly by the northerly side of West Eleventh street, and westerly by the easterly sides of Thirteenth avenue and Eleventh avenue, excepting therefrom all the streets and avenues within said area.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the 9th day of January, 1885, 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 8, 1884.

ELLIOT SANDFORD,

JOHN BOYD,

BERNARD CASSERLY,

Commissioners.

ARTHUR BERRY, Clerk.

In the matter of the application of the Commissioners of the Department of Public Parks, for and in behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of Rider avenue, from East One Hundred and Thirty-fifth street to East One Hundred and Thirty-sixth street, in the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 73 William street (third floor), in the said city, on or before the 22d day of December, 1884, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 22d day of December, 1884, and for that purpose will be in attendance at our said office on each of said ten days at 12 o'clock P. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 23d day of December, 1884.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the Twenty-third Ward of the City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point in the northerly line or side of One Hundred and Thirty-fifth street, distant about one hundred and one feet (101.37') westerly from the intersection of the northerly line or side of One Hundred and Thirty-fifth street with the westerly line or side of Third avenue; running thence northerly in a line nearly parallel with the westerly line or side of Third avenue to the southerly line or side of One Hundred and Thirty-eighth street; thence running westerly along the southerly line or side of One Hundred and Thirty-eighth street to the easterly side of the Mott Haven canal; running thence southerly parallel with Rider avenue and distant about one hundred feet (100' 00') westerly therefrom to the northerly line or side of One Hundred and Thirty-fifth street; thence still southerly in a straight line in continuation of the last mentioned course to a point distant about one hundred feet (100' 00') southerly from the southerly line or side of One Hundred and Thirty-fifth street; thence easterly in a line nearly parallel with the southerly line or side of One Hundred and Thirty-fifth street to a point distant one hundred and 1/2 feet (100.50') westerly from the westerly line or side of Third avenue; thence northerly in a line parallel with the westerly line of Third avenue to the southerly line or side of One Hundred and Thirty-fifth street, and thence still northerly to the point or place of beginning, as the same is shown upon the Benefit Map filed as aforesaid. Excepting therefrom all the streets and avenues within said area.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the ninth day of January, 1885, 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 8, 1884.

WILLIAM H. BARKER,

JOHN WHALEN,

WM. V. I. MERCER,

Commissioners.

ARTHUR BERRY, Clerk.

DEPARTMENT OF PUBLIC PARKS

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC PARKS,
36 UNION SQUARE,
December 3, 1884.

PROPERTY-OWNERS INTERESTED IN THE grades proposed to be established for Riverdale avenue, from old Riverdale avenue commencing at Tibbet's Brook and running to Broadway; Broadway, from Riverdale avenue to Weber street; Church street, from Riverdale avenue to the Spuyten Duyvil District of the Twenty-fourth Ward, are requested to call at the office of the Topographical Engineer of the Department of Public Parks, at the Arsenal building, Sixty-fourth street and Fifth avenue, Central Park, on or before Tuesday, December 16, 1884, and examine the plan showing such proposed grades and file any objections they may have thereto, before final action is taken by the Department in relation to the same.

By order of the Department of Public Parks.
E. P. BARKER,
Secretary.

FINANCE DEPARTMENT.

PROPOSALS FOR \$1,650,000 THREE AND ONE-HALF PER CENT. BONDS OF THE CITY OF NEW YORK.

SEALED PROPOSALS WILL BE RECEIVED BY the Comptroller of the City of New York, at his office, until Monday, the 22d day of December, 1884, at 2 o'clock P. M., when they will be publicly opened in the presence of the Commissioners of the Sinking Fund, or such of them as shall attend, as provided by law, for the whole or any part of the following bonds of the City of New York, which will be issued as Registered Bonds payable in lawful money of the United States, bearing interest at the rate of Three and one-half per centum per annum, payable semi-annually, on the first day of May and November in each year, to wit:

DOCK BONDS OF THE CITY OF NEW YORK, authorized by section 143, New York City Consolidation Act of 1882, redeemable November 1, 1915, for the sum of \$700,000.

ASSESSMENT BONDS OF THE CORPORATION OF THE CITY OF NEW YORK, authorized by section 144 of the New York City Consolidation Act of 1882, redeemable on November 1, 1890, for the sum of \$950,000.

The above-described bonds will be

EXEMPT FROM TAXATION

by the City and County of New York, but not from taxation for State purposes, as authorized by an ordinance of the Common Council, approved by the Mayor, October 2, 1880, and directed by resolutions of the Commissioners of the Sinking Fund, as provided by section 137 of the New York City Consolidation Act of 1882.

CONDITIONS.

Section 146, New York City Consolidation Act of 1882, provides that "The Comptroller, with the approval of the Commissioners of the Sinking Fund, shall determine what, if any, part of said proposals shall be accepted, and upon the payment into the City Treasury of the amounts due by the persons whose bids are accepted, respectively, certificates therefor shall be issued to them as authorized by law," and also "that no proposals for bonds or stocks shall be accepted for less than the par value of the same."

Those persons whose bids are accepted will be required to deposit with the City Chamberlain the amount of the bonds awarded to them at their par value, together with the premium thereon, within three days after notice of such acceptance.

Proposals will be received for any of said bonds in sums of One Thousand Dollars, or multiples thereof, stating the amount and kind of securities the bidders prefer.

The proposals should be inclosed in a sealed envelope, indorsed "Proposals for Bonds of the City of New York," and each proposal should also be inclosed in a second envelope, addressed to the Comptroller of the City of New York.

S. HASTINGS GRANT,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, December 9, 1884.

FINANCE DEPARTMENT,
BUREAU FOR THE COLLECTION OF TAXES,
No. 32 CHAMBERS STREET,
NEW YORK, December 1, 1884.

NOTICE TO TAXPAYERS.

THE RECEIVER OF TAXES OF THE CITY OF New York hereby gives notice to all persons who have omitted to pay their taxes for the year 1884, to pay the same to him at his office on or before the first day of January, 1885, as provided by section 846 of the New York City Consolidation Act of 1882.

Upon any such tax remaining unpaid on the first day of December, 1884, one per centum will be charged, received and collected in addition to the amount thereof; and upon such tax remaining unpaid on the first day of January, 1885, interest will be charged, received and collected upon the amount thereof at the rate of seven per centum per annum, to be calculated from the first day of October, 1884, on which day the assessment rolls and warrants for the taxes of 1884 were delivered to the said Receiver of Taxes, to the date of payment, pursuant to section 843 of said act.

MARTIN T. MCMAHON,
Receiver of Taxes.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
November 26, 1884.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the assessment list for the opening of One Hundred and Sixth street, between Boulevard and Riverside avenue, which was confirmed by the Supreme Court, November 14, 1884, and entered on the 24th day of November, 1884, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect, and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before January 31, 1885, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

S. HASTINGS GRANT,
Comptroller.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
November 19, 1884.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the assessment list for the opening of One Hundred and Eighth street, between Eighth and Riverside avenues, which was confirmed by the Supreme Court, November 7, 1884, and entered on the 18th day of November, 1884, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon as pro-

vided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before January 24, 1885, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

S. HASTINGS GRANT,
Comptroller.

NOTICE OF POSTPONEMENT OF SALE OF LANDS AND TENEMENTS FOR UNPAID ASSESSMENTS FOR LOCAL IMPROVEMENTS IN THE CITY OF NEW YORK.

PURSUANT TO SECTION 928 OF THE NEW York City Consolidation Act of 1882, the Comptroller of the City of New York hereby gives PUBLIC NOTICE that the sale at public auction of lands and tenements in said City for unpaid assessments laid and confirmed during the year 1879 and prior thereto, for local improvements, which sale is advertised to be held at the County Court-house, in the City Hall Park, in the City of New York, on Monday, November 24, 1884, at 12 o'clock, noon, has been and is hereby postponed by him until Monday, May 25, 1885, to be held on that day at the same hour and place.

A pamphlet containing a detailed statement of the property advertised for sale may be obtained at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

S. HASTINGS GRANT,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, Nov. 15, 1884.

SALE AT PUBLIC AUCTION OF THE RIGHT, TITLE AND INTEREST OF THE CITY OF NEW YORK, IN AND TO CERTAIN REAL ESTATE IN THE TWELFTH WARD.

ALL THE RIGHT, TITLE AND INTEREST OF the Corporation of the City of New York in and to certain lots, pieces and parcels of land, situate in the Twelfth Ward of said city, will be sold at public auction to the highest bidder, at the office of the Comptroller, at noon, on Tuesday, the 9th day of December, 1884, by order of the Commissioners of the Sinking Fund, as follows, to wit:

Eight lots of ground designated by the Ward Numbers 11, 12, 13, 14, 35, 36, 37, and 38, on Block No. 307, in the Twelfth Ward of the City of New York.

TERMS OF SALE.

Cash for the amount bid and the auctioneer's fee, with the expenses attending the sale and preparation of the deed, to be paid by the purchaser at the time and place of sale.

S. HASTINGS GRANT,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, November 6, 1884.

CITY OF NEW YORK—FINANCE DEPARTMENT,
BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS AND OF WATER RENTS,
OFFICE OF THE COLLECTOR OF ASSESSMENTS AND CLERK OF ARREARS,
September 15, 1884.

NOTICE OF SALE OF LANDS AND TENEMENTS for unpaid taxes of 1880, and Croton water rents of 1879, under the direction of S. HASTINGS GRANT, Comptroller of the City of New York. The undersigned hereby gives public notice, pursuant to the provisions of Section 926 of the New York City Consolidation Act of 1882.

That the respective owners of all lands and tenements in the city of New York on which taxes have been laid and confirmed, situated in the wards Nos. 1 to 24, inclusive, for the year 1880, and now remaining due and unpaid; and also the respective owners of all lands and tenements in the city of New York situated in the wards aforesaid on which the regular Croton water rents have been laid for the year 1879, and are now remaining due and unpaid, are required to pay the said taxes and Croton water rent so remaining due and unpaid to the Collector of Assessments and Clerk of Arrears, at his office, in the Finance Department, in the Court-house, with the interest thereon at the rate of 7 per cent. per annum, from the time when the same became due to the time of payment, together with the charges of this notice and advertisement, and if default shall be made in such payment, such lands and tenements will be sold at public auction, at the Court-house, in the City Hall Park, in the city of New York, on Monday, December 22, 1884, at 12 o'clock noon, for the lowest term of years, at which any person shall offer to take the same in consideration of advancing the amount of tax or Croton water rent, as the case may be, so due and unpaid, and the interest thereon as aforesaid to the time of sale, together with the charges of this notice and advertisement, and all other costs and charges accrued thereon, and that such sale will be continued from time to time until all the lands and tenements so advertised for sale shall be sold.

Notice is hereby further given that a detailed statement of the taxes and the Croton water rents, the ownership of the property on which taxes and Croton water rents remain unpaid, is published in a pamphlet, and that copies of the said pamphlet are deposited in the office of the Collector of Assessments and Clerk of Arrears, and will be delivered to any person applying for the same.

A. S. CADY,
Collector of Assessments and Clerk of Arrears.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1857, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriff's sales, in 61 volumes, full bound, price \$100 00
The same in 25 volumes, half bound, price 50 00
Complete sets, folded, ready for binding, price 15 00
Records of Judgments, 25 volumes, bound, price 10 00

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

S. HASTINGS GRANT,
Comptroller.