

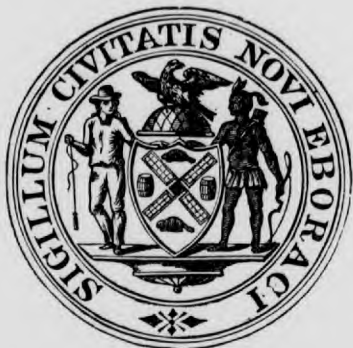
# THE CITY RECORD.

## OFFICIAL JOURNAL.

VOL. XVII.

NEW YORK, SATURDAY, APRIL 27, 1889.

NUMBER 4,852.



### DEPARTMENT OF PUBLIC WORKS.

#### Report for the Quarter ending March 31, 1889.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
NO. 31 CHAMBERS STREET,  
NEW YORK, April 10, 1889.

Hon. HUGH J. GRANT, Mayor:

SIR—In accordance with section 49 of the New York City Consolidation Act of 1882, I have the honor to submit the following report of the transactions of the Department of Public Works for the quarter ending March 31, 1889:

#### SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation.....	\$539,377 48
On account of Local Improvement Fund.....	238,465 40
On account of Funded Debt, for improvement and extension of water supply.....	29,673 75
On account of Special Fund, for restoring pavements over street openings.....	8,552 39
On account of Revenue Bonds for furnishing and setting water-meters.....	3,833 62
Total.....	\$810,902 64

#### SUMMARY STATEMENT OF CONTRACTS.

##### Contracts Entered Into during the Quarter.

11 sewer contracts, estimated cost.....	\$62,329 40
8 regulating and grading contracts, estimated cost.....	56,812 66
12 paving contracts, estimated cost.....	142,162 85
1 contract for laying water-mains, estimated cost.....	66,271 00
1 contract for building reservoir and dam on Byram river, estimated cost.....	209,155 00
6 miscellaneous contracts, estimated cost.....	70,154 30
1 contract, under \$1,000.....	434 02
40 contracts, total estimated cost.....	\$607,319 23

##### Contracts Completed during the Quarter.

16 sewer contracts, cost.....	\$124,387 48
6 regulating and grading contracts, cost.....	186,482 16
4 paving contracts, cost.....	61,050 59
1 contract for relaying pavements, cost.....	13,552 19
7 miscellaneous contracts, cost.....	100,496 51
38 contracts, under \$1,000 each, cost.....	14,118 01
72 contracts, total cost.....	\$500,086 94

#### BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

Notwithstanding the comparatively light rainfall during the past winter season the natural flow of the Croton river was sufficient, during the whole quarter, to supply the aqueduct to its full capacity, and no draughts on the storage reservoirs and lakes were necessary. The reservoirs and lakes in the Croton water-shed remain filled to high water-mark.

The rainfall for the past three months at the several stations where rain-gauges are kept by the Department was as follows:

LOCATIONS.	JANUARY. INCHES.	FEBRUARY. INCHES.	MARCH. INCHES.	TOTAL. INCHES.
Boyd's Corners Reservoir.....	5.14	2.33	1.86	9.33
South East Reservoir.....	4.84	2.22	1.54	8.60
Kensico Reservoir.....	4.86	1.68	1.41	7.95
Croton Dam.....	5.15	2.40	1.81	9.36
Central Park Reservoir.....	4.41	2.47	2.68	9.56

The average supply received through the Bronx river conduit during the quarter was 19,000,000 gallons per day. This is more than five times the supply received from the Croton river through the present aqueduct per square mile of water-shed, and, as there is little, if any, difference in the average rainfall between the croton water-shed and the Bronx river water-shed, it proves that, at least during the past quarter, the Croton water-shed could have supplied about 500,000,000 gallons of water per day if sufficient storage and conduit capacity were provided.

Although the receiving and distributing reservoir at Williamsbridge is not yet completed, its construction has sufficiently progressed to have it filled with water to a depth of 36 feet at the

close of the quarter, and it is still slowly filling. The entire supply now received from the Bronx river passes through this reservoir, affording opportunity for settlement of the water, which, until recently, did not exist, and remedying the many complaints heretofore received as to sediment in the water distributed in the Twenty-third and Twenty-fourth Wards, directly from the Bronx river conduit.

A contract has been entered into for the construction of a storage reservoir and a conduit to divert the waters of the Byram river into the Kensico Reservoir on the Bronx river, and, when these works are completed, there will be a large addition to the supply received through the Bronx river conduit.

In addition to the ordinary work of care and maintenance of the aqueduct, the storage reservoirs and lakes and the city reservoirs, some extra work in strengthening the structure and the embankments upon which it is built has been done on the third, fifth and sixth divisions. The aggregate quantities of such work done during the quarter are as follows:

- 1,346 cubic yards earth excavated.
- 2,078 cubic yards stone quarried.
- 837 cubic yards dry masonry built.
- 420 cubic yards filling placed in embankments.
- 2,080 lineal feet fences built.

In the report of the Chief Engineer of the Croton Aqueduct, Document D., hereto annexed, are enumerated 18 different streets, or parts of streets, to which the water service has been extended during the quarter. In this work, 10,936 lineal feet, or 2 1-14 miles of water-mains were laid, 13 stop-cocks set and 22 fire-hydrants placed.

The meter system, which is the main reliance of the Department for suppressing waste of water, and maintaining a fair supply and distribution of water throughout the city, has been extended by placing four hundred additional water-meters, making 18,611 meters in use at the close of the quarter.

Boring examinations have been carried on on Blackwell's Island to a depth of 550 feet, to obtain, if possible, a supply of water by artesian wells, without showing any signs of water to any considerable quantity.

The work of replacing corroded and worn-out water-mains along West street and adjacent streets was resumed on the 15th of March.

The great waste of water which annually recurs during the winter season from the habit of consumers of letting the water run from the faucets day and night, to prevent freezing in the pipes, has, in consequence of the mildness of the past winter, been much less than in previous winters. During the first quarter of last year the city reservoirs lost eight feet seven inches of water through this kind of waste, while during the past quarter the reservoirs were drawn down only two feet in depth. The complaints from consumers of diminished pressure of water in their houses have been correspondingly diminished.

#### BUREAU OF WATER PURVEYOR.

While the weather and the condition of the ground for the greater portion of the past three months were such that pavement work could be properly carried on, it was not safe to undertake or continue such work to any large extent, as it might, at any time, be suddenly interrupted by severe frost, and at times when streets might be torn up, and would have to remain in that condition for an indefinite time until frost in the atmosphere and in the ground should subside. The amount of work done during the past quarter is considerably greater, however, than in the corresponding quarter for many preceding years.

In the general repairs of pavements an average force of 128 pavers, rammers, and laborers, 18 carts and two teams, was employed, which force relaid 19,393 square yards of pavement in different streets throughout the city.

The contract work for laying new pavements remained entirely suspended during the quarter.

I deem it my duty to call your attention to the importance and necessity of prompt action in the adoption of the measures necessary to authorize and begin the work of repaving streets under the appropriation made for that work for this year. Even with ordinary promptitude of action, the delays imposed by the necessity of going through certain legal forms are considerable, and when other delays intervene, the commencement of work is pushed back so late into the season that it is impossible to do all the work contemplated by the appropriation during that year, and a large portion has to be held over for the ensuing year, or abandoned altogether. The legal forms which have to be gone through are:

Certificate by the Commissioner of Public Works to the Board of Aldermen, as to the necessity of the repavements.

Introduction, consideration, and adoption by the Board of Aldermen of resolutions authorizing the repavements, and approval of the resolutions by the Mayor, or their passage over the veto.

After the work is authorized by resolution of the Common Council—

Making surveys and plans, and preparing and printing contracts and specifications.

Examination and approval of forms of contracts and specifications by the Counsel to the Corporation.

Advertising the works for public letting for not less than ten days.

Letting and awarding contracts.

Examination and approval of contractors' sureties by the Comptroller.

Execution of contracts by the contractors and sureties.

At the conclusion of all this, and not before, can contractors be ordered to begin work.

A detailed statement as to last year's repavement work, which is attached to the report of the Water Purveyor, Document E, hereto annexed, will illustrate the extent of delays which may occur between the dates of the first step—the Commissioner's certificate—and the time when the work may legally be begun. My predecessor sent in his certificate for the repavement of 18 different street as early as February 13, 1888, and subsequent ones under dates of April 7, April 12, May 16, July 30, September 25 and October 22. Unfortunately there was a flaw, as discovered by the Counsel to the Corporation, in the resolutions of the Common Council, as first adopted on the Commissioner's certificates of February 13 and April 12, and amended certificates and resolutions were required. Thus the earliest date of final passage and approval of any resolutions for repavements last year is June 6; one other resolution was passed, and approved, September 11, and one December 29. On the Commissioner's certificate for the repavement of 18 different streets, the Board of Aldermen passed no resolutions. These delays made it impossible to do even all the work which had been authorized by resolutions before the close of the season, and a considerable portion of it had to be held over for this season. That portion which was not authorized by resolutions lapses entirely, so far as last year's appropriation is concerned, and, if done at all, will have to be done under subsequent appropriations. The experience of last year, and of previous years, proves that, with reasonable promptitude on the part of all concerned in the forms and measures necessary to authorize the work, the repavements cannot, in any year, be begun earlier than the end of May or beginning of June.

This year I have, under dates of January 10, January 15 and January 28; February 11 and March 26, certified 25 streets for repavement, but none of the certificates have yet been finally acted upon by the Common Council.



A careful remeasurement of the area and mileage of the different kinds of pavements now on the streets of the city has been made by a competent engineer, with the following results:

Kind of Pavement.	Area, Square Yards.	Length in Miles.
Specification granite.....	1,925,717	86.84
Square-block granite.....	673,402	25.89
Specification trap.....	1,232,684	66.28
Belgian square-block.....	3,177,527	137.28
Cobble-stone.....	117,639	6.37
Asphalt.....	34,401	1.82
Wood.....	516	.03
Russ blocks.....	2,964	.12
Macadam.....	846,265	23.65
Totals.....	8,011,115	348.28

On the repairs of water-pipes, stop-cocks and fire-hydrants, an average force of 116 mechanics and laborers, and 14 carts, was employed, and the following work done:

- 587 defects in pipes and stop-cocks repaired.
- 165 taps shut off on account of leaks in service-pipes.
- 1,093 fire-hydrants repaired.
- 112 new fire-hydrants substituted for old ones.
- 19 drinking-hydrants repaired.

In the operations of the various gas companies, steam companies, electric-light companies, building of electrical subways, and making connections with water-mains and sewers, 5,364 excavations were made in the streets. These operations have been under close and careful inspection on the part of this Department to secure a proper restoration of the pavements, and the least possible inconvenience to the public.

#### OFFICE OF ENGINEER IN CHARGE OF SEWERS.

The mildness of the past winter season has permitted nearly continuous work on sewers and receiving-basins. During the quarter, 16 contracts for building sewers and 9 contracts for building receiving-basins were completed, and, at the close of the quarter, work was in progress on 22 sewer contracts. 7,504 lineal feet of new sewers and 9 receiving-basins were built.

In repairing and cleaning sewers the following work was done:

- 167 lineal feet of sewers rebuilt.
- 400 lineal feet of sewers repaired.
- 21 lineal feet of new brick sewer built.
- 13 lineal feet of new box-sewer built.
- 27 lineal feet of new culvert built.
- 55 lineal feet of culvert rebuilt.
- 81 lineal feet of spur-pipe laid.
- 196 lineal feet of tile-bottom laid.
- 1 receiving-basin rebuilt.
- 27 receiving-basins repaired.
- 1 new manhole built.
- 30 manholes repaired.
- 29 new basin-heads and covers placed.
- 51 new manhole-heads and covers placed.
- 1,000 cubic yards of earth excavated and refilled.
- 817 receiving-basins and culverts cleaned.
- 37,251 lineal feet of sewers cleaned.
- 2,236 cart-loads of sewer deposits removed.

#### BUREAU OF STREET IMPROVEMENTS.

Under the direction of this Bureau, which has charge of regulating, grading, curbing and flagging streets and fencing vacant lots, 4 regulating and grading contracts, 1 contract for curb and flagging, 5 contracts for flagging sidewalks were completed; and at the close of the quarter work was in progress on 20 contracts. The following are the aggregate quantities of work done under the several contracts:

- 8,001 cubic yards of earth excavated.
- 20,277 cubic yards of rock excavated.
- 50,618 cubic yards of filling placed in embankments.
- 2,932 lineal feet of curb-stones set.
- 1,036 lineal feet of curb-stones reset.
- 22,845 square feet of flagging laid.
- 3,914 square feet of flagging relaid.
- 280 lineal feet of dry stone culvert built.

One of the difficulties which the Department has had to contend with for years past is to induce or compel property-owners to keep their sidewalks in good condition, and in innumerable cases the Department is blamed, under the erroneous idea that seems to prevail, that when a property-owner neglects to keep his sidewalk in good order, the Department can step in at once and make the necessary improvement or repairs. Prior to the passage of chapter 569, Laws of 1887, amending section 321 of the Consolidation Act, this Department had no power or authority in the matter, except to notify delinquent property-owners to repair their sidewalks, and in cases of failure to comply to report the case to the Corporation Attorney for action to recover penalties for violation of City ordinances. Under the amendment to the Consolidation Act above mentioned, the Department may now proceed to repair and improve defective sidewalks after the Commissioner of Public Works has certified to the Board of Aldermen that the safety, health and convenience of the public require such repairs, and after the work is authorized by resolution and ordinance of the Common Council. Under this law certificates as to the necessity of flagging, reflagging, or repairing sidewalks, have been transmitted to the Board of Aldermen, in 59 cases, since January 1, 1889, and up to date the ordinance to authorize the work has been passed in only one of the 59 cases.

#### BUREAU OF STREETS AND ROADS.

The work done by the Bureau of Streets and Roads in the repairs and maintenance of macadam roadways during the quarter is briefly summarized as follows:

- 75,481 square yards of roadways cleaned.
- 1,333 square yards of macadam roadway resurfaced.
- 13,242 square yards of roadways covered with gravel and broken stone.
- 6,183 square feet flagging relaid in repairing sidewalks.
- 2,798 truck-loads of dirt removed in cleaning roadways, basins and sidewalks.

In this work 534 truck-loads of broken stone, 107 truck-loads of trap-rock screenings, 285 truck-loads of gravel and 80 truck-loads of limestone screenings were used.

On unpaved streets and country roadways, which are also under the charge of this Bureau, special repairs were made in 42 different locations, covering four and a half miles of streets and roads.

Further details as to the work of this Bureau will be found in the Superintendent's report, Document H, hereto annexed.

#### BUREAU OF LAMPS AND GAS.

The changes in the public lamps on the streets, parks, docks and bridges of the city for the quarter are:

- 46 new gas-lamps fitted up and lighted.
- 18 new electric-lamps fitted up and lighted.
- 62 old gas-lamps relighted.
- 109 gas-lamps discontinued, of which 27 were displaced by electric-lights.
- 16 electric-lamps discontinued.

The number of public lamps in use in the city at the close of the quarter is:

- 22,731 gas-lamps.
- 1,330 electric-lights.
- 120 naphtha-lamps.

#### BUREAU OF REPAIRS AND SUPPLIES.

The report of the Superintendent of Repairs and Supplies, Document K, gives in full detail the repairs and improvements made in the various buildings and offices under the care of the Department, including the County Court-house, the City Hall, the brown-stone Court-house, the Hall of Records, No. 31 Chambers street, occupied by this Department; the offices in the Stewart Building, in the Staats Zeitung Building and in No. 27 Chambers street; two of the armories, three public markets and seven civil and police courts.

In the matter of cleaning public offices and courts, heating them and keeping them supplied with all kinds of office furniture and supplies, the Department has for years past been compelled to contend with the difficulties arising from inadequate appropriations. The natural result is increased demands from year to year on account of unfilled requisitions of preceding years, in addition to the ordinary increase caused by the increase of business in the various branches of the City Government. The departmental estimate of my predecessor for the appropriation "Supplies for and Cleaning Public Offices" for 1889, was \$139,900, which estimate was strictly confined to what, from the experience of preceding years and from the condition of the various public offices and courts, was known to be absolutely necessary. In the final estimate, however, the appropriation was reduced to \$125,000. The fixed charges against the appropriation, including wages of firemen and cleaners, cleaners' supplies, contracts for steam-heating and fuel, contract for ice, renewal and repairs of window-awnings, renewal and repairs of stoves, telegraph and telephone service, and other items, enumerated in the departmental estimate, amount to \$120,000, leaving but \$5,000 for general office supplies and furniture for the entire year.

The unfilled requisitions on file in the Department on the 1st of January amounted to more than \$4,500, and requisitions for a larger amount have since been received. The Department is, therefore, confronted with the necessity of leaving unfilled many requisitions now on file, and all those which may come in during the year, unless the Board of Estimate and Apportionment grants the transfer to the appropriation asked for in my letter of February 21st ultimo.

A contract has been made for the construction of two additional free floating-baths, in accordance with chapters 402 and 411 of the Laws of 1888. Preparations have been made for beginning, at once, the repairing, painting and refurnishing of the 13 baths now in winter quarters, so that they will be, in all respects, in proper order at the beginning of the next bathing season.

#### BUREAU OF INCUMBRANCES.

The following is a summary of the work of this Bureau for the quarter:

- 926 complaints of obstructions received and attended to.
- 797 seizures and removals of obstructions made.
- 1,225 permits issued to place building material on streets.
- 4 permits issued to cut down shade-trees.
- 272 miscellaneous permits issued.
- 229 notices issued to repair defective sidewalks.
- 4 notices issued to repair defective vault covers.
- 1,171 cart-loads of dirt and other refuse material removed from streets.
- 80 decayed and dangerous shade-trees removed.
- 248 telegraph-poles and 1,058,090 lineal feet of telegraph wire removed.

#### BUREAU OF WATER REGISTER.

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

For water rents.....	\$278,654 83
For penalties on water rents.....	2,260 80
For permits to tap water-pipes.....	2,117 50
Total.....	\$283,033 13

#### MISCELLANEOUS REVENUE.

The Department also collected and paid into the City Treasury:

For sewer permits.....	\$6,592 76
For vault permits.....	7,330 89
For redemption of street obstructions.....	335 50
For use of sprinkler and road-roller.....	171 84
For property sold at auction.....	646 47
For restoration of pavements over street openings.....	7,311 50
For furnishing and setting water-meters.....	1,241 43
For work done and material furnished citizens.....	556 96
Total.....	\$24,187 35

The following documents, containing further detailed information of the transactions of the Department, are appended to this report:

- Document A—Statement of appropriations and expenditures.
- Document B—Detailed statement of expenditures.
- Document C—Summary statement of contracts.
- Document D—Report of Chief Engineer of the Croton Aqueduct.
- Document E—Report of the Water Purveyor.
- Document F—Report of the Engineer in Charge of Sewers.
- Document G—Report of Superintendent of Street Improvements.
- Document H—Report of Superintendent of Streets.
- Document I—Report of Superintendent of Lamps and Gas.
- Document K—Report of Superintendent of Repairs and Supplies.
- Document L—Report of Superintendent of Incumbrances.
- Document M—Report of the Water Register.

Very respectfully,

D. LOWBER SMITH, Commissioner of Public Works.



## Document "A."

Showing Titles of Appropriations; Appropriations and Transfers, of 1888; Requisitions from January 1 to December 31, 1888; Requisitions on Liabilities of 1888, during First Quarter of 1889; Balances of 1888 on April 1, 1889; Appropriations for 1889; Requisitions on Appropriations of 1889, during First Quarter; Balances on April 1, 1889; Memoranda of 1887; also the Titles and Expenditures on Trust and Special Accounts.

TITLES OF APPROPRIATIONS.	APPROPRIATIONS, INCLUDING TRANSFERS, OF 1888.	REQUISITIONS FROM JANUARY 1 TO DECEMBER 31, 1888.	REQUISITIONS ON LIABILITIES OF 1888, DURING FIRST QUARTER, 1889.	BALANCES OF 1888, ON APRIL 1, 1889.	APPROPRIATIONS FOR 1889.	REQUISITIONS, FIRST QUARTER OF 1889.	BALANCES ON APRIL 1, 1889.
Aqueduct—Repairs, Maintenance and Strengthening.....	\$232,833 33	\$200,682 15	\$31,699 01	\$452 17	\$218,800 00	\$20,361 42	\$198,438 58
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	27,166 00	26,071 03	.....	1,094 97	27,166 00	6,708 18	20,457 82
Boring Examinations for Grading and Sewer Contracts.....	4,000 00	3,543 50	131 15	325 35	3,600 00	360 00	3,240 00
Boulevards, Roads and Avenues, Maintenance of.....	100,000 00	93,663 68	5,084 96	1,251 36	100,000 00	10,951 28	89,048 72
Boulevards, Roads and Avenues, Maintenance of—Salaries.....	3,000 00	2,958 23	.....	41 77	3,000 00	624 99	2,375 01
Bronx River Works—Maintenance and Repairs.....	21,100 00	20,830 94	266 32	2 74	24,350 00	3,056 83	21,293 17
Bronx River Works—Maintenance and Repairs—Salaries.....	3,900 00	3,900 00	.....	.....	3,900 00	775 00	3,125 00
Construction of two New Baths, at Market and Fifty-ninth streets, East river.....	.....	.....	.....	.....	25,000 00	.....	25,000 00
Contingencies—Department of Public Works.....	4,000 00	3,621 00	273 55	105 36	4,000 00	571 65	3,428 35
Flagging Sidewalks and Fencing Vacant Lots, etc.....	14,000 00	8,981 97	.....	5,018 03	6,000 00	.....	6,000 00
For New Water-main and Testing for Water Supply, North Brother Island.....	24,000 00	15,597 73	.....	8,402 27	.....	.....	.....
Free Floating Baths—Care and Maintenance.....	35,708 00	28,020 63	729 90	6,951 47	21,550 00	779 50	20,770 50
Free Floating Baths—Salaries.....	23,600 00	23,397 50	.....	202 50	30,000 00	2,563 50	27,436 50
Lamps and Gas and Electric Lighting.....	684,000 00	547,887 67	48,734 89	93,377 44	700,000 00	93,820 43	606,179 57
Lamps and Gas and Electric Lighting—Salaries.....	6,500 00	6,474 80	.....	25 20	6,500 00	1,624 95	4,875 05
Laying Croton Pipes.....	216,000 00	138,769 46	32,910 74	44,310 80	232,000 00	2,506 99	229,493 01
Laying Croton Pipes—Salaries.....	18,491 67	15,179 58	.....	3,312 09	18,000 00	3,879 98	14,120 02
Public Buildings—Construction and Repairs.....	95,500 00	89,350 34	5,666 78	482 88	105,000 00	8,892 56	96,107 44
Public Drinking-hydrants.....	3,800 00	2,488 04	1,001 60	310 36	6,000 00	56 25	5,943 75
Public Drinking-hydrants—Salaries.....	1,200 00	1,200 00	.....	.....	1,200 00	300 00	900 00
Removing Obstructions in Streets and Avenues.....	22,000 00	17,326 71	1,245 35	3,427 94	22,000 00	4,827 46	17,172 54
Removing Obstructions in Streets and Avenues—Salaries.....	7,500 00	7,037 92	.....	462 08	8,400 00	1,924 98	6,475 02
Repairing and Renewal of Pipes, Stop-cocks, etc.....	200,000 00	174,426 94	21,504 24	4,068 82	224,125 00	30,777 62	193,347 38
Repairs and Renewal of Pavements and Regrading.....	400,000 00	372,394 62	16,795 31	10,810 07	400,000 00	17,009 56	382,990 44
Repairs and Renewal of Pavements and Regrading—Salaries.....	18,000 00	17,977 30	.....	22 70	18,000 00	4,074 47	13,925 53
Repairing Streets and Avenues.....	461,000 00	234,688 54	9,272 63	217,638 83	332,000 00	.....	332,000 00
Repairing Streets and Avenues—Salaries.....	18,000 00	13,281 97	.....	4,719 03	18,000 00	1,625 00	16,375 00
Roads, Streets and Avenues Unpaved, Maintenance and Sprinkling.....	25,000 00	24,646 27	180 50	173 23	25,000 00	4,212 08	20,787 92
Salaries—Department of Public Works.....	100,000 00	101,138 28	.....	4,861 72	105,700 00	24,921 46	80,778 54
Salaries of Engineer, Clerks, etc.—Bureau of Water Register, etc.....	50,000 00	48,939 50	.....	1,063 50	55,000 00	13,159 57	41,840 43
Sewers—Repairing and Cleaning.....	161,000 00	144,601 73	6,063 84	10,334 43	175,000 00	24,393 82	150,606 18
Sewers—Repairing and Cleaning—Salaries.....	10,000 00	9,824 62	.....	175 38	10,000 00	2,469 98	7,530 02
Sewerage System—Salaries.....	17,000 00	16,880 66	.....	119 34	17,000 00	2,999 70	14,000 30
Street Improvements—For Surveying, Monumenting, etc.....	3,000 00	1,157 00	60 00	1,781 00	2,000 00	171 50	1,828 50
Supplies for and Cleaning Public Offices.....	124,075 00	116,543 32	7,452 32	70 36	125,000 00	36,937 99	88,062 01
Supplies for and Cleaning Public Offices—Salaries.....	20,000 00	19,811 98	.....	188 02	20,000 00	5,342 37	14,657 63
Surveys, Maps, etc., for Street Openings and New Streets—Salaries.....	6,300 00	6,233 47	.....	66 53	12,000 00	2,423 99	9,576 01
Supplying Water to Shipping and for Building Purposes—Salaries.....	9,060 00	9,755 94	.....	204 06	10,180 00	2,423 99	7,756 01
Water Supply for the Twenty-fourth Ward.....	7,800 00	5,660 21	1,421 03	1,318 76	7,800 00	898 14	6,901 86
Water Supply for the Twenty-fourth Ward—Salaries.....	1,200 00	1,200 00	.....	.....	1,200 00	300 00	900 00
Wells and Pumps—Repairing and Cleaning.....	250 00	106 40	.....	143 60	250 00	.....	250 00
Real Estate Expenses—Finance Department.....	233 00	233 00	.....	.....	.....	.....	.....
Totals.....	\$3,187,117 00	\$2,569,287 72	\$190,494 12	\$427,335 16	\$3,124,221 00	\$339,002 12	\$2,785,218 88

NOTE.—Requisition drawn on liabilities of 1887; Aqueduct Repairs, Maintenance and Strengthening, \$881.14.

TITLES OF TRUST ACCOUNTS.	BALANCES FROM 1888.	RECEIPTS, FIRST QUARTER, 1889.	BALANCES OF 1888 AND RECEIPTS OF 1889.	REQUISITIONS, FIRST QUARTER, 1889.	BALANCES ON APRIL 1, 1889.
Croton Water Fund.....	.....	.....	.....	\$29,073 75	.....
Fund for Local Improvements.....	.....	.....	.....	238,463 50	.....
Restoring and Repaving—Special Fund—Department of Public Works.....	\$10,182 55	\$7,311 50	\$17,494 05	8,552 39	\$8,941 66
Water-meter Fund No. 2 (less total returns of arrears. \$23,427.87).....	3,556 92	1,241 43	4,798 35	3,833 62	964 73

Statement of General Bookkeeper, Department of Public Works, Showing all Revenues of the City Received through the Department of Public Works during the First Quarter of 1889.

Water rents.....	\$278,654 83	Use of sprinkling wagon and road-roller.....	\$171 84
Water penalties.....	2,260 80	Sales at auction.....	646 47
Pipe tapping.....	2,117 50	Work and material furnished citizens.....	556 96
Sewer permits.....	6,592 76		
Vault permits.....	7,330 89	Total.....	\$298,667 55
Redemption of street obstructions.....	335 50		

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

## Document "B."

A Detailed Statement of Expenditures for which Requisitions were drawn on the Comptroller by the Commissioner of Public Works during the Quarter ending March 31, 1889.

## APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening—	
Cement.....	\$43 00
Lumber.....	516 80
Oil.....	304 00
Pay-rolls.....	18,149 33
Stone.....	312 50
Taxes.....	144 80
Tools and supplies.....	809 03
Traveling expenses.....	81 96
Total.....	\$20,361 42
Aqueduct—Repairs, Maintenance and Strengthening, 1888—	
Blacksmithing.....	\$366 90
Bridge over Croton river.....	1,185 00
Coal.....	9,014 73
Excavating.....	80 00
Lumber.....	36 50
Pay-rolls.....	7,628 22
Railing around Highbridge Reservoir.....	4,577 10
Rent of office.....	106 25
Rent of telephone.....	340 00
Stone.....	3,419 70
Taxes.....	4,403 22
Tools and supplies.....	446 80
Traveling expenses.....	94 59
Total.....	\$31,699 01
Aqueduct—Repairs, Maintenance and Strengthening, 1887—	
Cable.....	\$881 14
Boring Examinations for Grading and Sewer Contracts—	
Pay-rolls.....	\$569 00
Boring Examinations for Grading and Sewer Contracts, 1888—	
Steel bars.....	\$131 15
Boulevards, Roads and Avenues, Maintenance of—	
Coal.....	\$37 25
Horse-hire.....	180 00
Lumber.....	141 88
Pay-rolls.....	9,909 50
Rent of yard.....	300 00
Supplies.....	382 65
Total.....	\$10,951 28

Boulevards, Roads and Avenues, Maintenance of, 1888—	
Gravel, etc.....	\$3,523 72
Lumber.....	90 00
Rent of yard.....	600 00
Repairing sprinkler.....	44 20
Repairing wagon.....	90 00
Supplies.....	553 29
Telephone service.....	33 75
Trees.....	150 00
Total.....	\$5,084 96
Bronx River Works—Maintenance and Repairs—	
Pay-rolls.....	\$2,577 00
Taxes.....	479 83
Total.....	\$3,056 83
Bronx River Works—Maintenance and Repairs, 1888—	
Taxes.....	\$266 32
Contingencies—Department of Public Works—	
Horse-hire.....	\$180 00
Incidental expenses.....	76 65
Postage.....	315 00
Total.....	\$571 65
Contingencies—Department of Public Works, 1888—	
Horse-hire.....	\$90 00
Incidental expenses.....	123 35
Postage.....	60 20
Total.....	\$273 55
Free Floating Baths—Care and Maintenance—	
Coal.....	\$12 50
Wharfage.....	767 00
Total.....	\$779 50
Free Floating Baths, 1888—	
Awnings.....	\$112 00
Carpenter work.....	83 55
Expressage.....	2 00
Supplies.....	11 45
Traveling expenses.....	117 90
Wharfage.....	423 00
Total.....	\$729 90



## Lamps and Gas and Electric Lighting—

Gas examinations.....	\$247 50
Lamps.....	531 00
Lamp-globes.....	600 00
Pay-rolls.....	791 00
Supplies.....	27 75
Street signs.....	56 25
Lighting Armory, First Battery.....	52 00
"    "    Second ".....	77 00
"    "    Seventh Regiment.....	691 00
"    "    Eighth ".....	168 75
"    "    Ninth ".....	222 62
"    "    Eleventh ".....	37 25
"    "    Twelfth ".....	289 75
"    "    Twenty-second Regiment.....	646 00
"    "    Sixty-ninth ".....	156 00
"    "    Seventy-first ".....	277 50
Brigade Headquarters.....	78 00
Brown-stone Building.....	155 87
City Hall.....	364 26
CITY RECORD Bindery.....	3 62
County Jail.....	251 75
Court, Civil, First District.....	5 13
"    "    Fourth ".....	8 25
"    "    Fifth ".....	34 50
"    "    Sixth ".....	1 25
"    "    Eighth ".....	7 50
"    "    Ninth ".....	7 13
Court, Police, First ".....	254 00
"    "    Second ".....	104 25
"    "    Third ".....	33 25
"    "    Fourth ".....	83 25
"    "    Fifth ".....	20 87
Court of Special Sessions.....	24 75
Court-house, Third District (clock).....	195 75
"    County.....	890 88
Engine-house, Highbridge.....	79 37
"    Ninety-eighth street.....	118 12
Market, Catharine.....	38 76
"    Centre.....	96 13
"    Clinton.....	166 24
"    Essex.....	22 25
"    Fulton.....	689 62
"    Jefferson.....	153 00
"    Tompkins.....	84 75
"    Union.....	9 88
"    Washington.....	700 49
Office, Corporation Attorney.....	44 49
"    Corporation Counsel.....	34 25
"    Department of Public Works.....	310 75
"    "    Taxes and Assessments.....	8 76
"    Public Administrator.....	12
"    Register.....	72 00
"    Civil Service Board.....	8 13
Repair Shop, Thirtieth street.....	6 88
"    Eighty-seventh street.....	4 12
"    One Hundred and Twenty-fifth street.....	15 13
Rivington Street Yard.....	5 62
Twenty-fourth Street Yard.....	4 13
South Gate-house.....	30 63
Streets, Central Gas-light Co.....	11,313 47
"    Consolidated Gas Co.....	46,676 57
"    Equitable Gas-light Co.....	3,939 77
"    New York Mutual Gas-light Co.....	438 26
"    New York and New Jersey Globe Gas-light Co.....	499 73
"    Northern Gas-light Co.....	10,279 75
"    Yonkers Gas-light Co.....	2,159 14
"    East River Electric-light Co.....	8,267 70
"    United States Illuminating Co.....	142 80
Total.....	\$93,820 43

## Lamps and Gas and Electric Lighting, 1888—

Lamp-globes.....	\$300 00
Lighting Armory, First Battery.....	23 00
"    "    Second ".....	52 50
"    "    Seventh Regiment.....	251 64
"    "    Eighth ".....	112 25
"    "    Ninth ".....	82 88
"    "    Eleventh ".....	41 62
"    "    Twelfth ".....	223 00
"    "    Twenty-second Regiment.....	293 25
"    "    Sixty-ninth ".....	69 25
"    "    Seventy-first ".....	144 38
Brigade Headquarters.....	46 75
Brown-stone Building.....	99 88
City Hall.....	203 62
CITY RECORD Bindery.....	2 00
County Jail.....	133 75
Court, Civil, First District.....	2 38
"    "    Fourth ".....	5 75
"    "    Fifth ".....	22 25
"    "    Sixth ".....	50
"    "    Eighth ".....	3 00
"    "    Ninth ".....	5 00
Court, Police, First ".....	154 38
"    "    Second ".....	61 50
"    "    Third ".....	17 25
"    "    Fourth ".....	48 25
"    "    Fifth ".....	11 87
Court of Special Sessions.....	16 38
Court-house, Third District (clock).....	108 25
"    County.....	516 37
Dog Pound.....	3 63
Engine-house, High Bridge.....	33 63
"    Ninety-eighth street.....	62 50
Market, Catharine.....	25 50
"    Centre.....	47 37
"    Clinton.....	96 00
"    Essex.....	11 00
"    Fulton.....	400 00
"    Jefferson.....	94 88
"    Tompkins.....	47 00
"    Union.....	7 25
"    Washington.....	414 50
Office, Corporation Attorney.....	25 38
"    Counsel.....	21 25
"    Civil Service Board.....	7 62
"    Department of Public Works.....	156 25
"    Taxes and Assessments.....	3 75
"    Public Administrator.....	25
"    Register.....	46 25
Repair Shop, Thirtieth street.....	4 75
"    Eighty-seventh street.....	2 75
"    One Hundred and Twenty-fifth street.....	9 13
Rivington Street Yard.....	5 87
Sixteenth ".....	4 37
Twenty-fourth ".....	2 25
South Gate House.....	13 87
Public Bath, One Hundred and Thirty-eighth street.....	3 84
Photometrical Rooms.....	26 25

## Lamps and Gas and Electric Lighting, 1888—

Lighting Streets, Central Gas-light Co.....	\$5,728 13
"    "    Consolidated Gas Co.....	23,905 93
"    "    Equitable Gas-light Co.....	1,932 34
"    "    N. Y. Mutual Gas-light Co.....	211 46
"    "    N. Y. and N. J. Gas-light Co.....	250 00
"    "    Northern Gas-light Co.....	5,858 43
"    "    Yonkers Gas-light Co.....	1,153 31
"    "    East River Electric-light Co.....	4,040 46
"    "    United States Illuminating Co.....	86 80
Rent of Photometrical Rooms.....	240 00
Testing Electric-lights.....	600 00
Traveling expenses.....	92 50
Total.....	\$48,734 89

## Laying Croton Pipes—

Pay-rolls.....	\$195 09
Protecting gas-mains.....	2,401 50
Total.....	\$2,596 59

## Laying Croton Pipes, 1888—

Boring and testing for water, Blackwell's Island.....	\$3,390 75
Cast-iron pipe.....	12,917 13
Horse-hire.....	420 00
Hydrants, stop-cocks, etc.....	1,155 50
Pay-rolls.....	609 00
Protecting gas-mains.....	22 09
Traveling expenses.....	65 48
Boston road, Old Boston road, etc.....	5,008 04
Seventy-fourth street, between Eighth and Ninth avenues.....	430 10
Seventy-fifth street, between Eighth and Ninth avenues.....	592 25
Seventy-seventh street, between Boulevard and West End avenues.....	165 60
One Hundred and Second street, between First and Second avenues.....	420 20
One Hundred and Tenth street, between Tenth and Manhattan avenues.....	6,940 35
One Hundred and Thirty-fifth street, between Madison avenue and Harlem river.....	209 85
One Hundred and Ninetieth street, between Tenth and Audubon avenues.....	564 40
Total.....	\$32,910 74

## Public Buildings—Construction and Repairs—

Armory, Seventh Regiment.....	\$11 40
"    Twenty-second Regiment.....	72 36
"    Sixty-ninth ".....	112 62
"    Seventy-first ".....	21 76
Brown-stone Building.....	476 93
Bureau Repairs and Supplies.....	670 97
City Hall.....	668 17
"    Prison.....	19 25
Court, Civil, First District.....	20 81
"    "    Second ".....	38 64
"    "    Fourth ".....	293 09
"    "    Sixth ".....	9 79
"    "    Eighth ".....	389 54
"    Police, First ".....	5 13
"    "    Third ".....	4 00
"    "    Fifth ".....	233 53
Court-house, Third ".....	112 91
"    Seventh ".....	232 90
"    County.....	1,637 71
Hall of Records.....	30 91
County Jail.....	70 64
Market, Clinton.....	282 70
"    Fulton.....	740 65
"    Gansevoort.....	66 06
"    New West Washington.....	150 00
"    Tompkins.....	56 33
Pay-rolls.....	1,582 00
Repair Shop, No. 3351 Third avenue.....	31 77
No. 27 Chambers street.....	436 63
No. 31 ".....	296 55
Stewart Building.....	16 32
One Hundred and Nineteenth Street Yard.....	100 49
Total.....	\$8,892 56

## Public Buildings—Construction and Repairs, 1888—

Armory, Seventh Regiment.....	\$197 77
"    Ninth ".....	89 02
"    Twenty-second Regiment.....	837 00
"    Sixty-ninth ".....	58 35
"    Seventy-first ".....	10 96
Brown-stone Building.....	514 84
Bureau of Repairs and Supplies.....	1,107 06
City Hall.....	838 80
City Prison.....	210 00
County Jail.....	12 50
Court, Civil, Second District.....	78 45
"    Police, Third ".....	14 05
"    "    Fourth ".....	54 30
Court-house, Third ".....	493 42
"    Seventh ".....	15 19
"    County.....	182 23
Hall of Records.....	102 20
Market, Centre.....	70 36
"    Clinton.....	34 38
"    Fulton.....	128 65
"    Washington.....	125 00
"    Vesey Street Pier.....	179 28
No. 31 Chambers street.....	198 35
Stewart Building.....	105 17
Staats Zeitung Building.....	8 55
Total.....	\$5,666 78

## Public Drinking-hydrants—

Hydrants.....	\$56 25
Public Drinking-hydrants, 1888—	
Hydrants.....	\$980 00
Repairing hydrants.....	21 60
Total.....	\$1,001 60

## Removing Obstructions in Streets and Avenues—

Pay-rolls.....	\$648 51
Removing obstructions.....	3,961 95
Removing trees.....	217 00
Total.....	\$4,827 46

## Removing Obstructions in Streets and Avenues, 1888—

Removing obstructions.....	\$845 90
Removing trees.....	189 00
Traveling expenses.....	210 45
Total.....	\$1,245 35



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

Cement	\$30 00
Coke	35 00
Excavating for leak	6 50
Lead	599 99
Lumber	239 51
Meters	824 00
Pay-rolls	27,993 37
Repairing hydrants	280 40
Tools and supplies	777 85

Total \$30,777 62

## Repairing and Renewal of Pipes, Stop-cocks, etc., 1888—

Cast-iron pipe	\$18,876 20
Coal, etc.	410 00
Damages	38 11
Changing meters	112 74
Laying pipe over bridge	521 98
Pay-rolls	495 98
Repairing hydrants	277 17
Repairing services pipes	151 83
Telephone service	179 23
Tools and supplies	369 38
Traveling expenses	71 62

Total \$21,504 24

## Repairs and Renewal of Pavements and Regrading—

Cement	\$72 00
Cutting paving blocks	250 00
Horse-hire	201 00
Pay-rolls	16,040 86
Repairing tools	193 55
Supplies	24 15
Traveling expenses	48 00

Total \$17,009 56

## Repairs and Renewal of Pavements and Regrading, etc., 1888—

Cement	\$50 20
Coke	35 00
Dressing paving blocks	400 00
Horse-hire	202 00
Relaying pavement	15,570 03
Rent of yard	187 50
Repairing tools	76 85
Sand	226 58
Traveling expenses	47 15

Total \$16,795 31

## Repaving Streets and Avenues, 1888—

Lewis street, between Grand and Delancey streets	\$9,272 63
--	------------

## Roads, Streets and Avenues Unpaved, Maintenance, etc.—

Filling	\$166 25
Supplies	24 09
Pay-rolls	4,021 74

Total \$4,212 08

## Roads, Streets and Avenues Unpaved, Maintenance, etc., 1888—

Horse hire	\$90 00
Rubber stair plates	90 50

Total \$180 50

## Sewers—Repairing and Cleaning—

Basin-heads	\$1,185 00
Brick, cement, etc.	172 50
Cleaning and repairing sewers	9,175 69
Horse-hire	330 00
Lumber	59 00
Manhole-heads and covers	1,952 17
Maps	9 00
Pay-rolls	11,250 37
Removing basin-heads	22 00
Sand	30 00
Stone	89 53
Supplies	112 50

Total \$24,393 82

## Sewers—Repairing and Cleaning, 1888—

Basin-heads	\$90 00
Cement and sand	165 00
Cleaning and repairing sewers	4,204 90
Correcting maps	120 00
Horse-hire	168 00
Manhole heads and covers	127 68
Repairing tools	49 50
Sewer bottoms	473 40
Supplies	277 41
Traveling expenses	387 95

Total \$6,063 84

## Street Improvements—For Surveying, Monumenting, etc.—

Pay-rolls	\$171 50
-----------	----------

## Street Improvements—For Surveying, Monumenting, etc., 1888—

Correcting maps	\$60 00
-----------------	---------

## Supplies for and Cleaning Public Offices—

Bureau of Repairs and Supplies	\$1,858 32
Brown-stone Building	173 86
Court, Civil, First District	176 50
“ “ Second “	298 71
“ “ Third “	41 00
“ “ Fourth “	246 86
“ “ Fifth “	487 48
“ “ Seventh “	485 00
“ “ Tenth “	122 50
“ City	304 00
“ General Sessions	1,049 05
“ Superior	693 25
“ Supreme	251 94
Court-house, Seventh District	38 80
“ County	139 50
Department, Finance	330 50
“ Public Works	33 08
“ Taxes and Assessments	27 00
Governor's room	888 95
Office, Board of Assessors	258 66
“ Board of Aldermen	113 38
“ County Clerk	111 43
“ Commissioner of Jurors	235 75
“ Sheriff	27 70
“ Surrogate	1,010 46
“ District Attorney	522 08

## Supplies for and Cleaning Public Offices—

Sixteenth Street Yard	\$20 64
Pay-rolls	19,358 65
Ice	401 31
Coal and wood	7,231 63

Total \$36,937 99

## Supplies for and Cleaning Public Offices, 1888—

Armory, Seventy-first Regiment	\$44 40
Court, Civil, Second District	10 00
“ “ Fourth District	400 00
City Hall	485 48
Office, Civil Service Board	273 89
“ Department, Finance	60 60
“ “ Public Works	83 50
“ Recorder	67 60
Bureau Repairs and Supplies	267 30
Coal	4,732 72
Ice	1,026 83

Total \$7,452 32

## Water Supply for the Twenty-fourth Ward—

Supply of water	\$898 14
-----------------	----------

## Water Supply for the Twenty-fourth Ward, 1888—

Laying mains	\$996 20
Supply of Water	424 83

Total \$1,421 03

## RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening	\$20,361 42
Aqueduct—Repairs, Maintenance and Strengthening, 1888	31,699 01
Aqueduct—Repairs, Maintenance and Strengthening, 1887	881 14
Aqueduct—Repairs, Maintenance and Strengthening—Salaries	6,708 18
Boring Examinations for Grading and Sewer Contracts	569 00
Boring Examinations for Grading and Sewer Contracts, 1888	131 15
Boulevards, Roads and Avenues, Maintenance of	10,951 28
Boulevards, Roads and Avenues, Maintenance of, 1888	5,084 96
Boulevards, Roads and Avenues, Maintenance of—Salaries	624 99
Bronx River Works—Maintenance and Repairs	3,056 83
Bronx River Works—Maintenance and Repairs, 1888	266 32
Bronx River Works—Maintenance and Repairs—Salaries	775 00
Contingencies—Department of Public Works	571 65
Contingencies—Department of Public Works, 1888	273 55
Free Floating Baths—Care and Maintenance	779 50
Free Floating Baths, 1888	729 90
Free Floating Baths—Salaries	2,563 50
Lamps and Gas and Electric Lighting	93,820 43
Lamps and Gas and Electric Lighting, 1888	48,734 89
Lamps and Gas and Electric Lighting—Salaries	1,624 95
Laying Croton Pipes	2,596 59
Laying Croton Pipes, 1888	32,910 74
Laying Croton Pipes—Salaries	3,879 98
Public Buildings—Construction and Repairs	8,892 56
Public Buildings—Construction and Repairs	5,666 78
Public Drinking-hydrants	56 25
Public Drinking-hydrants, 1888	1,001 60
Public Drinking-hydrants—Salaries	300 00
Removing Obstructions in Streets and Avenues	4,827 46
Removing Obstructions in Streets and Avenues, 1888	1,245 35
Removing Obstructions in Streets and Avenues—Salaries	1,924 98
Repairing and Renewal of Pipes, Stop-cocks, etc.	30,777 62
Repairing and Renewal of Pipes, Stop-cocks, etc., 1888	21,504 24
Repairs and Renewal of Pavements and Regrading	17,009 56
Repairs and Renewal of Pavements and Regrading, 1888	16,795 31
Repairs and Renewal of Pavements and Regrading—Salaries	4,074 47
Repaving Streets and Avenues, 1888	9,272 63
Repaving Streets and Avenues—Salaries	1,625 00
Roads, Streets and Avenues Unpaved, etc.	4,212 08
Roads, Streets and Avenues Unpaved, etc., 1888	180 50
Salaries—Department of Public Works	24,921 46
Salaries of Engineer, Clerks, Inspectors, etc.	13,159 57
Sewers—Repairing and Cleaning	24,393 82
Sewers—Repairing and Cleaning, 1888	6,063 84
Sewers—Repairing and Cleaning—Salaries	2,469 98
Sewerage System—Salaries	2,999 70
Street Improvements—For Surveying, Monumenting, etc.	171 50
Street Improvements—For Surveying, Monumenting, etc., 1888	60 00
Supplies for and Cleaning Public Offices	36,937 99
Supplies for and Cleaning Public Offices, 1888	7,452 32
Supplies for and Cleaning Public Offices—Salaries	5,342 37
Supplying Water to Shipping, etc.—Salaries	2,423 99
Surveys, Maps, etc., for Street Openings, etc.—Salaries	2,400 32
Water Supply for Twenty-fourth Ward	898 14
Water Supply for Twenty-fourth Ward, 1888	1,421 03
Water Supply for the Twenty-fourth Ward—Salaries	300 00

Total \$530,377 38

## TRUST ACCOUNTS.

## CROTON WATER FUND.

Clerical services	\$763 07
Expert services	579 88
Horse-hire	473 00
Land	9,235 00
Legal expenses	250 00
Pay-rolls	15,624 19
Printing	95 85
Rent of mill seat	300 00
Rent of offices	195 00
Repairing instruments	140 95
Supplies	350 96
Traveling expenses	1,665 85

Total \$29,673 75

## LOCAL IMPROVEMENT FUND.

Regulating, grading, etc.	\$49,214 40
Pay-rolls	108 00
Surveying	3,194 05

Total \$52,516 45

## STREET IMPROVEMENT FUND.

Curbing and flagging	\$4,574 95
Fencing	198 58
Paving and crosswalks	58,740 53
Regulating, grading, etc.	39,385 03
Sewers and basins	62,958 68
Tree-planting	1,037 00
Pay-rolls	15,325 95
Protecting gas-mains	884 68
Surveying	2,843 65

Total \$185,949 05



RESTORING AND REPAVING—SPECIAL FUND.	
Restoring pavements.....	\$5,572 50
Sand.....	223 39
Pay-rolls.....	2,756 50
Total.....	\$8,552 39

WATER-METER FUND, NO. 2.	
Water-meters.....	\$1,960 00
Placing meters.....	1,873 62
Total.....	\$3,833 62

RECAPITULATION OF FUNDS.	
Croton Water Fund.....	\$29,673 75
Local Improvement Fund.....	\$2,510 45
Street Improvement Fund.....	185,949 05
Restoring and Repaving—Special Fund.....	8,552 39
Water-meter Fund, No. 2.....	3,833 62
Total.....	\$280,525 26

GENERAL SUMMARY.	
Appropriations.....	\$530,377 38
Funds.....	280,525 26
Total.....	\$810,902 64

## Document "C."

## STATEMENT OF CONTRACTS.

Contracts Entered into During the Three Months ending March 31, 1889.

Date of Contract.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
<i>Sewer Contracts.</i>				
Jan. 10	Alterations and improvements to sewer in Fifty-fourth street, between Tenth and Eleventh avenues.....	Michael J. Slodon,	George N. Manchester, 417 East 116th street. J. W. Wood, 2020 Madison avenue	\$5,194 10
" 10	Sewer in Eighty-fifth street, between Boulevard and Riverside Drive.....	Patrick Larney,	J. F. Boyle, 676 Second avenue. Edward Mahon, 300 East 75th street.	4,960 00
" 11	Sewer in Eighty-eighth street, between West End avenue and Boulevard.....	William F. Cunningham,	Cornelius Koezan, 551 West 53d street. Edward C. Sheehy, 170 Broadway.....	1,869 50
" 11	Sewer in Tenth avenue, east side, between One Hundred and Forty-seventh and One Hundred and Forty-ninth streets, connecting with sewer in One Hundred and Forty-seventh street, east of Tenth avenue.....	Thomas Murray,	John Ryan, 129th st., bet. 11th and 12th avenues..... Thomas Hueston, Broadway and Lawrence street.....	3,125 40
" 21	Alterations and improvements to sewer in Twenty-second street, between Ninth and Eleventh avenues.....	Charles Fach,	Eiler Holch, 213 East 35th street. Jacob Fach, 522 East 84th street.	5,456 00
" 21	Alterations and improvements to sewer in Twenty-second street, between First and Third avenues.....	Charles Fach,	Eiler Holch, 213 East 55th street. Jacob Fach, 522 East 84th street.	3,031 60
Feb. 1	Alterations and improvements to sewers in Fifty-third street, at Tenth avenue.....	Patrick Kearns,	Thomas Regan, 719 Lexington avenue Edward C. Sheehy, 170 Broadway.....	1,022 50
" 1	Sewer in Lexington avenue, between Seventy-fourth and Seventy-fifth streets.....	Patrick Kearns,	Thomas Regan, 719 Lexington avenue Edward C. Sheehy, 170 Broadway.....	1,183 00
Mar. 5	Sewer in Seventy-eighth street, between Riverside and West End avenues.....	E. Del Genovese,	A. Del Genovese, 9 Bowery..... V. Del Genovese, 268 Bowery.....	2,859 00
" 11	Sewer in Seventy-fifth street, between Riverside and West End avenues.....	William Renshan,	P. C. Jackman, 66 West 105th street. Daniel G. McGowan, 302 East 78th street.	4,068 00
" 25	Sewer in Tenth avenue, west side, between a point about 316 feet north of One Hundred and Seventy-eighth street and a point about 10 feet north of One Hundred and Ninetieth street.....	McDonald & Fallon,	William McDonald, 175th street and Kingsbridge road. Mary A. Organ, 167th street and 10th avenue.....	29,560 30
				\$62,329 40
<i>Regulating and Grading Contracts.</i>				
Jan. 7	Regulating and grading One Hundred and Forty-third street, from Tenth avenue to Boulevard.....	William J. Kelly,	J. A. Cranitch, 233 West 34th street. M. Cunningham, 147th street, between Boulevard and 10th avenue.....	\$3,287 19
" 10	Regulating and grading One Hundred and Forty-seventh street, from Eighth avenue to Harlem river.....	Charles V. Hough,	S. P. Anderson, 2025 Lexington ave.. Charles A. Cowen, 235 West 122d street.	14,228 13
" 10	Regulating and grading One Hundred and Forty-eighth street, from Eighth avenue to first new avenue west.....	John J. Hopper,	Isaac A. Hopper, 123 West 122d street. Theodore F. Tone, 13th ave. and 140th st.	3,154 24
" 16	Regulating and grading One Hundred and Sixty-sixth street, from Tenth to Eleventh avenue.....	F. Thilemann, Jr.,	John F. McDonald, 220 East 62d street.. John P. Kane, 112 West 73d street.	8,833 75
" 17	Regulating and grading Fifth avenue, from One Hundred and Twenty-eighth street to Harlem river.....	Jerome Finn,	James Riley, 416 East 113th street Allston Gerry, Audubon Park.....	18,817 24
Mar. 4	Flagging, etc., south side of Fifty-fourth street, from Eighth to Ninth avenue.....	Michael Fay,	James Fay, 165 East 90th street.. Hugh Campbell, 344 East 48th street.	1,731 25
" 4	Flagging, etc., both sides of One Hundred and Sixteenth street, between Pleasant avenue and Harlem river.....	Michael Fay,	James Fay, 165 East 90th street.. Hugh Campbell, 344 East 48th street.	1,541 65
" 20	Flagging, etc., both sides of Seventy-ninth street, from Boulevard to Hudson river.....	P. H. Kerwin,	Joseph McGowan, 440 E. 55th street.... Patrick H. Hall, 161 E. 57th street.....	5,219 21
				\$56,812 66
<i>Paving Contracts.</i>				
Jan. 8	Paving with trap-block pavement, One Hundred and Thirteenth street, from Fourth to Madison avenue.....	P. H. Fitzgerald,	John White, 535 West 40th street. Louis Rave, 532 West 40th street.	\$2,706 50
Feb. 21	Paving with granite-block pavement One Hundred and Fifty-seventh street, from Tenth to Eleventh avenue.....	Dennis E. Carens,	Thomas Smith, 318 West 52d st.... B. F. Kenney, 455 West 47th st....	6,573 90
" 26	Paving with granite-block pavement Eighty-seventh street, from Avenue A to B.....	Dennis E. Carens,	B. F. Kenney, 455 West 47th st.... Thomas Smith, 318 West 52d st....	5,247 52
" 26	Paving with granite-block pavement Sixtieth street, from Ninth to Tenth avenue.....	Dennis E. Carens,	B. F. Kenney, 455 West 47th st.... Thomas Smith, 318 West 52d st....	6,283 00

Date of Contract.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
Feb. 26	Paving with granite-block pavement One Hundred and Eighteenth street, from Fifth to Lenox avenue.....	Dennis E. Carens,	B. F. Kenney, 455 West 47th st.... Thomas Smith, 318 West 52d st....	\$7,378 30
Mar. 28	Paving with granite-block pavement Tenth avenue, from One Hundred and Tenth to Manhattan street.....	John G. Smith,	James Slattery, 218 West 57th st.... John F. Moore, 220 West 105th st....	67,727 60
" 28	Paving with granite-block pavement One Hundred and Thirty-fourth street, from Sixth to Seventh avenue.....	John G. Smith,	James Slattery, 218 West 57th st.... John F. Moore, 220 West 105th st....	6,339 40
" 28	Paving with granite-block pavement One Hundred and Twentieth street, from Seventh to Lenox avenue.....	John G. Smith,	James Slattery, 218 West 57th st.... John F. Moore, 220 West 105th st....	6,346 77
" 28	Paving with granite-block pavement One Hundred and Fifty-fifth street, between Tenth and Eleventh avenues.....	John G. Smith,	James Slattery, 218 West 57th st.... John F. Moore, 220 West 105th st....	5,772 76
" 28	Paving with granite-block pavement One Hundred and Fifty-fifth street, between Tenth and Eleventh avenues.....	John G. Smith,	James Slattery, 218 West 57th st.... John F. Moore, 220 West 105th st....	6,516 88
" 28	Paving with granite-block pavement West End ave. ue, from Sixty-fifth to Sixty-ninth street.....	John G. Smith,	Thomas E. Crimmins, 1043 Third ave..... James Baird, 310 East 57th st....	13,359 90
" 28	Paving with granite-block pavement Manhattan avenue, from its intersection with Morningside avenue, near One Hundred and Thirtieth street to One Hundred and Sixtieth street.....	John G. Smith,	Thomas E. Crimmins, 1043 Third ave..... James Baird, 310 East 57th st....	7,910 32
				\$142,162 85
<i>Laying Water-main Contract.</i>				
Mar. 14	Furnishing, delivering and laying water-mains in Ninetieth street, Eighth avenue and Central Park.....	F. Thilemann, Jr.,	John P. Kane, 112 West 73d street.. Charles W. Dayton, 9 West 124th street.	\$66,271 00
<i>Miscellaneous Contracts.</i>				
Jan. 7	Building a reservoir and dam on Byram river and a tunnel and channelway to convey the waters of the Byram river into Kensico Reservoir in the town of North Castle, Westchester County, New York.....	John McQuade,	George N. Manchester, 417 East 116th street. Peter McGinness, 1546 Park avenue...	\$209,155 00
Feb. 27	Furnishing and delivering stop cocks, hydrants, hydrant-boxes and stop-cock boxes and covers.....	Guy C. Hotchkiss, Field & Co.,	Joseph A. Flynn, 535 Manhattan ave.. Theodore Moss, 543 Madison ave....	12,997 50
" 28	Furnishing the Department of Public Works with 4,000 gross tons of egg size Lehigh and Wilkesbarre Company's best Wilkesbarre coal.....	William D. Bruns, Jr.,	Andrew Koch, 208 East 30th st.... Fredrich Trope, 461 Seventh ave....	21,290 00
" 28	Furnishing the Department of Public Works with 3,700 gross tons of broken size Lehigh and Wilkesbarre Company's best Lehigh and Wilkesbarre coal, and 30 tons of English canal coal.....	William D. Bruns, Jr.,	Andrew Koch, 208 East 30th st.... Fredrich Trope, 461 Seventh ave....	21,830 00
Mar. 11	Furnishing and delivering ice to the Department of Public Works and the public buildings and offices in care of said Department, for the year ending December 31, 1889.....	Ransom Parker, Jr.,	Geo. F. Doak, 10th ave. and 153d st. Patrick C. Meehan, 222 West 21st street.	3,377 80
" 20	Furnishing materials and performing work for the plumbing and drainage of the building, No. 49 Beekman street.....	Isaac O. Shumway,	John Burke, 251 East 31st st.... William Minnick, 390 Fourth ave.....	1,910 00
" 29	Furnishing materials and performing the work of building a Keeper's house at Williamsbridge Reservoir.....	Terence A. Smith,	Jos. C. Biglin, 158 East 37th st.... Thomas Bartley, 546 Third ave.....	8,749 00
				\$279,309 30
<i>Special Contract.</i>				
Jan. 23	Laying a crosswalk across the Bowery, from No. 192 to No. 199.....	P. H. Kerwin,	M. Fay, 308 East 52d street..	\$434 02

## RECAPITULATION.

11 Sewer Contracts.....	\$62,329 40
8 Regulating and Grading Contracts.....	56,812 66
12 Paving Contracts.....	142,162 85
1 Laying Water-main Contract.....	66,271 00
7 Miscellaneous Contracts.....	279,309 30
1 Special Contract.....	434 02
40 Contracts.....	\$607,319 23

Contracts Completed during the Three Months ending March 31, 1889.

DATE.	NATURE.	LOCATION OF WORK.	TOTAL COST.
Jan. 3	Sewer.....	In West street, between Murray and Jay streets, connected with sewer constructed by the Department of Docks through Pier 21; with alteration and improvement to existing sewers in Murray, Warren, Chambers, Duane and Jay streets.....	\$26,129 55
" 4	Paving.....	One Hundred and Forty-first street, from Seventh to St. Nicholas avenue.....	11,618 73
" 4	Sewer.....	In Madison avenue, between One Hundred and Thirty-fifth and One Hundred and Thirty-sixth streets.....	3,201 48
" 5	Paving.....	Eighty-third street, from First avenue to Avenue A.....	5,761 59
" 8	Furnishing and delivering ice to the Department of Public Works and the public buildings and offices in care of said Department for the year ending December 31, 1888.....		2,740 50
" 8	Furnishing the Department of Public Works with 3,000 gross tons of Lehigh and Wilkesbarre Co.'s best Lehigh and Wilkesbarre coal.....		19,378 30
" 8	Paving.....	Seventy-sixth street, from Avenue A to Avenue B....	8,232 80
" 9	Regulating and grading.....	Eighty-ninth street, from Tenth avenue to Boulevard..	5,085 39
" 10	Paving.....	West End avenue, from Seventy-sixth to Eighty-ninth street.....	35,437 47
" 11	Taking up and relaying the pavement.....	In Spring street, between Broadway and West street; Broome street, between Broadway and Hudson street; and Broome street, between Bowery and Ludlow street.....	13,552 19
" 11	Regulating and grading.....	One Hundred and Forty-ninth street, from Eighth avenue to first new avenue west of Eighth avenue..	4,232 78
" 12	Flagging, etc.....	One Hundred and Eighteenth street, from Seventh to Eighth avenue.....	2,055 49
" 12	Receiving-basin.....	Southeast corner Ninety-first street and Ninth avenue.	432 38
" 12	".....	Northeast corner One Hundred and Forty-fifth street and Eighth avenue.....	383 88
" 12	".....	Northeast corner Seventy-third street and Boulevard.	397 56
" 12	".....	Northeast corner Sixty-ninth street and West End avenue.....	376 45
" 12	Sewer.....	In One Hundredth street, between West End avenue and Riverside Drive.....	7,491 52
" 12	".....	In Seventy-seventh street, between Boulevard and West End avenue.....	3,038 78
" 12	Alterations and improvements to sewers.....	At Forty-third street and Eleventh avenue.....	2,393 57
" 15	Building an iron road-bridge.....	Across the middle branch of Croton river, at South East Reservoir, Putnam County, N. Y.....	3,885 00
" 15	Furnishing cast-iron water-pipes, branch pipes and special castings.....		12,851 62



DATE.	NATURE.	LOCATION OF WORK.	TOTAL COST.
Jan. 17	Receiving-basin.....	Southwest corner Seventy-third street and Boulevard	\$325 67
" 18	".....	Northeast corner Seventieth street and West End	298 74
" 21	Flagging, etc.....	South side One Hundred and Sixteenth street, from	680 53
" 21	Regulating and grading.....	Second to Third avenue.....	437 00
" 21	Flagging, etc.....	One Hundred and Thirtieth street, from Eighth to	364 29
" 23	Laying a crosswalk.....	St. Nicholas avenue.....	306 70
" 23	".....	Northeast corner Seventh avenue and One Hundred	124 13
" 23	".....	and Twenty-first street.....	236 47
" 23	".....	Across Seventh avenue, at north side of One Hundred	468 93
" 23	".....	and Thirty-fifth street.....	442 16
" 23	Receiving-basins.....	Across One Hundred and Twenty-third street, at east	569 73
" 25	Sewer.....	side of Seventh avenue.....	3,923 82
" 26	Regulating and grading.....	Across Audubon avenue, at north and south sides of	173,367 81
" 26	".....	One Hundred and Eighty-fifth street.....	15,985 24
" 26	Furnishing cast-iron water-pipes,	Across Boulevard, at south side of Sixty-fifth street...	37,638 94
" 29	branch pipes and special castings.	Across Manhattan street, at west side of Manhattan	978 89
" 29	Flagging, etc.....	avenue.....	761 80
" 29	".....	Fort Washington Ridge road, from its junction with	1,269 37
" 29	Extension of sewer.....	Eleventh avenue, at One Hundred and Fifty-ninth	5,416 94
" 29	".....	street, to its junction with Kingsbridge road,	363 10
" 30	Receiving-basin.....	between One Hundred and Ninety-eighth and One	365 65
" 30	".....	Hundred and Ninety-ninth streets, except between	5,344 21
" 30	Sewer.....	One Hundred and Ninety-second and One Hundred	1,482 25
" 30	".....	and Ninety-fourth streets, and also, except that	4,577 10
" 30	".....	part of the road lying between One Hundred and	3,544 01
" 30	".....	Ninety-eighth and Two Hundredth streets, etc., etc.	19,425 05
Feb. 1	".....	In South street, between Roosevelt street and Peck	222 73
" 4	Furnishing and placing an iron com-	Slip, and connections to existing sewers in Peck Slip	370 37
" 5	posite railing.....	and Dover street.....	400 79
" 8	Sewer.....	On Reservoir at High Bridge.....	1,101 97
" 8	Furnishing the Department of Public	In One Hundred and Thirty-seventh street, between	220 44
" 14	Works with 3,600 gross tons of	Sixth and Seventh avenues.....	264 97
" 14	Lehigh and Wilkesbarre Co.'s	.....	626 94
" 14	best Wilkesbarre coal.....	In One Hundred and Fifty-fifth street, between Har-	1,720 81
" 14	Laying a crosswalk.....	lem river and Eighth avenue.....	382 48
" 14	".....	In Third avenue, west side, between Eighty-eighth	209 74
" 20	Receiving-basin.....	and Eighty-ninth streets.....	237 47
" 21	Sewer.....	.....	240 97
" 23	Receiving-basin.....	Across First avenue, at south side of One Hundred	286 20
Mar. 1	Laying a crosswalk.....	and Sixteenth street.....	218 85
" 1	".....	Across the Boulevard, at north side of Eighty-fourth	114 43
" 1	".....	street.....	284 32
" 1	".....	Across First avenue, at north and south sides of One	693 79
" 5	".....	Hundred and Twelfth street.....	245 46
" 5	".....	Across Sixth and Seventh avenues, at north and south	258 32
" 5	".....	sides of One Hundred and Thirty-sixth street.....	276 75
" 5	".....	Across First avenue, at north side of One Hundred	416 35
" 5	".....	and Eleventh street.....	561 30
" 13	Sewer.....	Across the Western Boulevard, at north side of Eighty-	32,648 07
" 21	".....	first street.....	5,548 37
" 28	".....	Northwest corner Seventy-second street and River-	5,341 49
		side avenue.....	\$500,086 94
		In West street, between Rector and Carlisle streets..	
		Southeast corner Eighty-sixth street and Tenth avenue	
		Across First avenue, at south side of One Hundred	
		and Thirtieth street.....	
		Across Avenue A, at south side of Eighty-fourth street	
		Across Western Boulevard, at north side of Sixty-	
		seventh street.....	
		Across Avenue St. Nicholas, at north side of One	
		Hundred and Twenty-fourth street.....	
		Across Fifty-ninth street, at east side of Avenue A...	
		Across Western Boulevard, at north side of Eighty-	
		third street.....	
		Across Boulevard, at north and south sides of One	
		Hundred and Twenty-ninth street.....	
		Across Western Boulevard, at south side of Seventy-	
		ninth street.....	
		Across Western Boulevard, at south side of Seventy-	
		fifth street.....	
		Across Western Boulevard, at north side of Eighty-	
		second street.....	
		Across Pleasant avenue, at north and south sides of	
		One Hundred and Twenty-first street.....	
		Across Seventh avenue, at north and south sides of	
		One Hundred and Twenty-second street.....	
		In Seventy-second street, between Hudson river and	
		Eleventh avenue, with branch in Riverside avenue,	
		between Seventy-second and Seventy-sixth streets.	
		In Ninety-fifth street, between Madison and Fourth	
		avenues.....	
		In Ninetieth street, between Riverside and West End	
		avenues.....	

## RECAPITULATION.

16 Sewer Contracts.....	\$124,387 48
6 Regulating and Grading Contracts.....	180,482 16
4 Paving Contracts.....	61,050 59
1 Taking up and Relaying Pavement Contract.....	13,552 19
7 Miscellaneous Contracts.....	100,496 51
38 Special Contracts.....	14,118 01
72 Contracts.....	\$500,086 94

## Document "D."

## REPORT OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

DEPARTMENT OF PUBLIC WORKS,  
OFFICE OF CHIEF ENGINEER, NO. 31 CHAMBERS STREET, ROOM 10,  
NEW YORK, April 2, 1889.

Hon. D. LOWBER SMITH, Commissioner of Public Works:

DEAR SIR—I herewith submit report for the quarter ending March 31, 1889:

## EXPENDITURES FOR THE QUARTER ENDING MARCH 31, 1889.

Aqueduct—Repairs, Maintenance and Strengthening.....	\$50,347 92
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	6,708 18
Bronx River Works—Maintenance and Repairs.....	3,323 15
Bronx River Works—Maintenance and Repairs—Salaries.....	775 00
Croton Water Fund.....	35,386 82
Laying Croton Pipes.....	32,116 44
Laying Croton Pipes—Salaries.....	3,879 98
Laying Croton Pipes—Blackwell's Island.....	3,390 75
Repairing and Renewal of Pipes, Stop-cocks, etc.....	29,782 16
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	2,483 99
Water Supply—Twenty-fourth Ward.....	2,319 17
Water-meter Fund, No. 2.....	3,833 62
Total.....	\$174,347 18

## STORAGE RESERVOIRS.

All of the storage reservoirs on the Croton river are full, and the river has furnished a full supply to the Aqueduct during the quarter.

## Rainfall—Inches.

	JANUARY.	FEBRUARY.	MARCH.	TOTAL FOR QUARTER.
Boyd's Corners Reservoir.....	5.14	2.33	1.86	9.33
South East Reservoir.....	4.84	2.22	1.54	8.60
Kensico Reservoir.....	4.86	1.68	1.41	7.95
Croton Dam.....	5.15	2.40	1.81	9.36
Central Park Reservoirs.....	4.41	2.47	2.68	9.56

Surveys for Reservoir "A" on the Muscoot Branch of the Croton river have been continued. The parties owning the lands necessary for the dam having asked a high price, proceedings have been commenced to have a commission appointed to appraise same.

Under the direction of the Aqueduct Commission surveys have been commenced for the lands, etc., necessary for Reservoir "D," on the west branch of the Croton river.

## BRONX RIVER SUPPLY.

The Commissioners appointed to appraise damages on the Bronx river, between Bronxville and Woodlawn are now making up their report.

A commission has been appointed to appraise the damages on the Bronx river in Westchester County, between Woodlawn and Williamsbridge, and the searches and maps are nearly completed for a commission to appraise the damages along the balance of Bronx river.

On account of the weather but little work has been done at the Williamsbridge Reservoir. This reservoir has been filled slowly, has 36 feet of water in same, and the full supply is now passing through this reservoir. A small force has been continued on the maintenance of the whole work.

An average of 19,000,000 gallons per day have been furnished from this supply during the quarter.

A contract has been entered into for the necessary work of diverting the waters of the Byram river into the Kensico Reservoir, but on account of the weather work has only been commenced.

## AQUEDUCT—REPAIRS, MAINTENANCE AND STRENGTHENING.

## Work Done during the Quarter ending March 31, 1889.

DIVISIONS.	EARTH EXCAVATION.	STONE QUARRIED.	DRY MASONRY.	FENCE.		PAVING.	FILLING AND GRADING.
				Built.	Repaired.		
	Cubic Yards.	Cubic Yards.	Cubic Yards.	Lineal Feet.	Lineal Feet.	Square Yards.	Cubic Yards.
First.....	....	....	....	....	....	....	....
Second.....	....	....	....	1,000	....	....	....
Third.....	184	188	163	....	....	....	185
Fourth.....	....	....	....	650	825	....	....
Fifth.....	512	....	178	400	800	112	35
Sixth.....	150	490	496	....	....	....	200
Seventh.....	....	....	....	30	400	....	....
Eighth.....	500	1,400	....	....	....	....	....
Total.....	1,346	2,078	837	2,080	2,025	112	420

The regular maintenance of the Aqueduct has been continued as usual during the quarter, the work consisting chiefly in cleaning up line from rubbish, leaves, etc.; keeping drains, culverts and gutters free and in repair, and attending leaks, together with the care of the gate-houses, dam, lake, reservoirs, etc.

The particular work on each division has been as follows, viz.:

First Division—Care of lake, dam, gate-houses, etc., and policing vicinity of same; cutting brush and trees from islands in the lake; repairing walls and fences.

Second Division—Keeping drains and culverts in repair and free from ice and snow and rubbish; attending leaks, building and repairing fences.

Third Division—Building fence wall on Mott Bank; excavating for same; building retaining-wall near barn; quarrying stone for same; keeping drains and culverts clear; watching and attending leaks.

Fourth Division—Cleaning up line; keeping culverts and drains clear; building and repairing fences.

Fifth Division—Building retaining-wall near Warburton avenue; excavating for same; paving gutters at Spring Hill; excavating for wall in Glen; hauling sand and pavers; building and repairing fences; cleaning culverts and drains.

Sixth Division—Building retaining-wall in Dickenson's bank; quarrying stone for same; cleaning up line of stones and rubbish; keeping drains and culverts clear; building and repairing fences; attending leaks.

Seventh Division—Care of High Bridge, tower, engine-house, reservoirs, gate-houses and grounds; building new and repairing old culverts; repairing coal track and pavement in engine-house; recaulking pipes in bridge; grading surface of Aqueduct; hoisting coal for engine-house; cleaning culverts and drains; building and repairing fences.

Eighth Division—Cleaning and repairs of Central Park and Forty-second Street Reservoirs, gate-houses and grounds, chambers and outside mains; cleaning, repairs and maintenances of High Service Works, Ninth and Tenth avenues gate-houses and grounds; repairing and pointing furnace, High Service Works; altering coal platform; painting iron-work in South Gate-house Chamber; excavating rock and earth from Old Reservoir, Central Park, and filling in roadway leading out of same; patrolling Central Park Reservoir.

The leaks have been less troublesome, during the winter, than usual. The Sing Sing Bridge and Aspinwall leaks needing but little attention. The acquiring of lands in the Glen, at Yonkers, about to be consummated, will enable us to complete the work there this year, and put an end to the building of very heavy and expensive walls, made necessary in the past to protect the Aqueduct from the excavations on adjacent property.

The iron bridge across the Middle Branch of the Croton river at South East Reservoir has been completed.

The contract for coal entered into for 1888 has been completed, and a contract for coal for this year entered into.

The fence around the Reservoir at High Bridge has been completed.

## LAYING CROTON PIPES.

Contracts for laying water-mains in:

Boston road, between Jefferson and One Hundred and Seventy-seventh streets.

Southern Boulevard, between One Hundred and Thirty-eighth street and St. Ann's avenue.

Chestnut street, between Boston road and Tremont avenue.

Main street, between Kingsbridge road and Westchester avenue.

Centre street, between Main and Chestnut streets.

One Hundred and Sixty-second street, between Tenth avenue and Jumel Terrace.

Kingsbridge road and Adams avenue, between Arthur and Columbia avenues.

Arthur avenue, between Kingsbridge road and Pelham avenue.

One Hundred and Nineteenth street, between Eighth and Ninth avenues.

Old Boston road, between Bailey and Sedgwick avenues.

Westchester avenue, between Prospect avenue and Southern Boulevard.

Seventy-fourth street, between Eighth and Ninth avenues.

One Hundred and Second street, between First and Second avenues.

One Hundred and Thirty-fifth street, between Madison and Fourth avenues.

Seventy-fifth street, between Eighth and Ninth avenues.

One Hundred and Ninetieth street, between Tenth and Audubon avenues.

Seventy-seventh street, between Boulevard and West End avenue.

Van Cortlandt avenue, between Riverdale and Palisade avenues.

—have been completed.



One contract for laying pipe has been entered into, and one contract for furnishing pipe has been completed.

*Amount of Pipe Laid during the Quarter.*

	Lineal feet.
48-inch pipe .....	270
12-inch pipe .....	3,332
6-inch pipe .....	7,334
Total .....	10,936

*Stop-cocks Set.*

6-inch .....	13
--------------	----

*Hydrants Placed.*

"A" hydrants .....	19
No. 1 hydrants .....	3

Total .....	22
-------------	----

*Meters.*

Number of meters placed during the quarter .....	400
Number of meters in use December 31, 1888 .....	18,211

Total number of meters in use March 31, 1889 .....	18,611
--	--------

*BORING ON BLACKWELL'S ISLAND.*

The Contractor has been at work during the quarter, and is at present 550 feet down, with no signs of water in large quantity.

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

A small party has been examining sewers for waste and leaks during the quarter, and many leaks have been discovered and repaired; and a large amount of waste stopped.

On the 15th of March, the gang was started relaying and replacing mains along West and adjoining streets, from Chambers street, north, where they have been corroded by salt and brackish water.

A contract for furnishing pipe has been completed, and a contract for stop-cocks, hydrants, etc., entered into.

*WASTE AND USE OF WATER.*

With an increased supply from the Bronx river, on account of the large rainfall during 1888, and the unusual warm weather during the quarter, the Reservoirs in the city have only lost two feet of water, and the pressures have been equable.

The large number of new buildings to be supplied necessitates the use of all the means possible to stop waste of water, as it will be at least one year before any additional water can be obtained.

Respectfully yours,

G. W. BIRDSALL, Chief Engineer Croton Aqueduct.

*Document "E."*

*REPORT OF THE WATER PURVEYOR.*

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF WATER PURVEYOR, NO. 31 CHAMBERS STREET, ROOM 1,  
NEW YORK, March 5, 1889.

Hon. D. LOWBER SMITH, Commissioner of Public Works:

SIR—I have the honor to submit the following report of the work done by this Bureau during the quarter ending March 31, 1889:

*RECEIPTS.*

For permits to construct vaults .....	\$7,330 89
For labor and materials furnished .....	557 96
Total .....	\$7,888 85

*EXPENDITURES.*

Ninety-three vouchers were transmitted, amounting in the aggregate to one hundred and sixteen thousand four hundred and forty-two dollars and eighty-nine cents (\$116,442.89), and were charged to the following accounts:

Public Drinking-hydrants, 1888 .....	\$1,001 60
Public Drinking-hydrants, 1889 .....	56 25
Public Drinking-hydrants—Salaries .....	300 00
Repairs and Renewal of Pavements and Regrading, 1888 .....	16,795 31
Repairs and Renewal of Pavements and Regrading, 1889 .....	17,009 56
Repairs and Renewal of Pavements and Regrading—Salaries .....	4,074 47
Repairing and Renewal of Pipes, Stop-cocks, etc., 1888 .....	179 23
Repairing and Renewal of Pipes, Stop-cocks, etc., 1889 .....	20,905 48
Repaving Streets and Avenues—Salaries .....	1,625 00
Street Improvement Fund .....	46,410 90
Restoring and Repaving—Special Fund—Department of Public Works .....	8,064 89
Contingencies—Department of Public Works .....	20 20

Total of vouchers transmitted .....	\$116,442 89
-------------------------------------	--------------

*PERMITS ISSUED.*

31 for the construction of vaults.
36 for repairs to vaults.
83 for erecting guy-posts.
139 for building fires on the streets for roofing and other purposes.
27 for repairs to pavements at private expense.

*REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.*

The average force employed on repairs to street pavements was:

In January, 105 men, 14 carts, 2 teams.

In February, 122 men, 17 carts, 2 teams.

In March, 150 men, 23 carts, 2 teams.

19,393 square yards of pavement were relaid by the above force.

A larger laboring force than usual has been employed during the quarter; the exceptionally mild winter having made possible repairs to many serious defects in the street pavements.

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

The average force employed in repairing pipes, stop-cocks, fire-hydrants, etc., was:

In January, 115 men, 14 carts.

In February, 116 men, 14 carts.

In March, 117 men, 14 carts.

587 defects in pipes and stop-cocks were repaired.

165 taps were shut off on account of leaks in service-pipes.

1,093 fire-hydrants were repaired.

112 new fire-hydrants were substituted for old ones.

110 defects in pavements were repaired.

*PUBLIC DRINKING-HYDRANTS.*

19 drinking-hydrants were repaired at a cost of \$192.85.

*STREET OPENINGS.*

5,364 openings were made to repair all mains other than Croton water-mains, and to make repairs and connections for gas, steam, water, sewers and electric-lights and subways.

1,236 notices were sent to corporations and others to repair pavement over their openings.

714 bad places in the city's pavements were repaired in compliance with the above notices.

2,059 linear feet of gas-mains were laid.

343 poles were erected by electric-light companies.

In compliance with your instructions a table showing the streets recommended for repavement by the Commissioner of Public Works, which were authorized, contracted for or completed during the year 1888, and a statement of the areas and lengths of the different pavements now laid in the city, are appended hereto.

Yours respectfully,

A. G. CULVER, Water Purveyor.

*Streets Certified for Repaving, and Authorized, Contracted for or Completed in 1888.*

NAME OF STREET.	DATE OF COMMISSIONER'S CERTIFICATE.	DATE OF RESOLUTION OF COMMON COUNCIL.	DATE OF LETTING.	DATE OF CONTRACT.	DATE OF COMPLETION OF WORK.	REMARKS.
Crosby street, from Howard to Bleeker street .....	April 12, 1887	May 2, 1887	July 8, 1887	July 18, 1887	April 16, 1888	
Madison avenue, from Twenty-third to Thirty-second street .....	May 16, "	June 20, "	May 23, 1888	May 28, 1888	Aug. 10, "	
First street, from Bowery to Avenue A .....	April 12, "	May 2, "	" 7, "	" 18, "	July 16, "	
Stanton street, from Bowery to Clinton street .....	" 12, "	" 2, "	" 7, "	" 11, "	" 13, "	Amended to provide for crosswalks under opinion of Corporation Counsel, April 2, 1888.
Orchard street, from Division to Houston street .....	" 12, "	" 2, "	" 7, "	" 11, "	Aug. 24, "	
Third street, from Bowery to Avenue B .....	" 12, "	" 2, "	" 7, "	" 21, "	Sept. 10, "	
Twenty-first street, from Eighth to Tenth avenue .....	" 12, "	" 2, "	" 7, "	" 16, "	" 25, "	
Dry Dock street, from Tenth to Twelfth street .....	Feb. 13, 1888	Mar. 5, 1888	Aug. 14, "	Aug. 17, "	Oct. 16, "	
Tompkins street, from Fourteenth to Sixteenth street .....	" 13, "	" 5, "	" 14, "	" 17, "	" 16, "	
Ludlow street, from Stanton to Houston street .....	" 13, "	" 5, "	" 14, "	" 17, "	" 16, "	
Greene street, from Bleeker to Eighth street .....	" 13, "	" 5, "	" 14, "	" 20, "	Dec. 8, "	
Mott street, from Canal to Bleeker street .....	" 13, "	" 5, "	" 14, "	" 20, "	Nov. 30, "	
Ridge street, from Stanton to Houston street .....	" 13, "	" 5, "	" 14, "	" 17, "	Oct. 8, "	
Suffolk street, from Rivington to Stanton street .....	" 13, "	" 5, "	" 14, "	" 17, "	" 8, "	Amended to provide for crosswalks, under opinion of Corporation Counsel, June 6, 1888.
Thompson street, from Bleeker to Fourth street .....	" 13, "	" 5, "	" 14, "	" 17, "	" 8, "	
Twenty-ninth street, from Ninth to Tenth avenue .....	" 13, "	" 5, "	" 14, "	" 23, "	Nov. 1, "	
Forty-ninth street, from Eleventh avenue to North river .....	" 13, "	" 5, "	" 14, "	" 23, "	" 3, "	
Corlears street, from Water to Grand street .....	" 13, "	" 5, "				Found to be under land grant.
Goerck street, from Grand to Third street .....	" 13, "	" 5, "				" "
Twenty-eighth street, from First avenue to East river .....	" 13, "	" 5, "	Nov. 13, 1888	Dec. 18, 1888		Work in progress.
Thirtieth street, from Eleventh avenue to North river .....	" 13, "	" 5, "				Found to be under land grant.
Sixth street, from Lewis street to East river .....	" 13, "	" 5, "				" "
Cherry street, from Jackson to Clinton street .....	April 7, "	June 6, "	Aug. 14, 1888	Aug. 20, 1888	Oct. 11, 1888	
Monroe street, from Gouverneur to Jackson street .....	" 7, "	" 6, "	" 14, "	" 29, "	" 31, "	
Waverley place, from Bank to Christopher street .....	" 7, "	" 6, "	" 14, "	" 29, "	" 31, "	
Twenty-seventh street, from Ninth to Tenth avenue .....	" 7, "	" 6, "	" 14, "	" 23, "	Nov. 26, "	
Fortieth street, from Tenth to Eleventh avenue .....	" 7, "	" 6, "	" 14, "	" 23, "	" 26, "	
Lewis street, from Grand to Delancey street .....	" 7, "	" 6, "	" 14, "	Sept. 12, "	Dec. 22, "	Resolution originally from Division to South. Water to South under land grant.
Montgomery street, from Division to Water street .....	" 7, "	" 6, "	" 14, "	" 12, "	" 22, "	
Thirteenth street, from Gansevoort street to Ninth avenue .....	" 7, "	" 6, "	" 14, "	" 12, "	" 7, "	
Perry street, from Washington to Bleeker street .....	" 7, "	" 6, "	" 14, "	" 12, "	" 7, "	
Bank street, from Washington to West street .....	" 7, "	" 6, "				Found to be under land grant.
Hudson street, from Chambers to Beach street .....	" 7, "	Sept. 11, "	Nov. 13, 1888	Dec. 4, 1888		Work in progress.



NAME OF STREET.	DATE OF COMMISSIONER'S CERTIFICATE.	DATE OF RESOLUTION OF COMMON COUNCIL.	DATE OF LETTING.	DATE OF CONTRACT.	DATE OF COMPLETION OF WORK.	REMARKS.
First street, from Avenue A to Houston street	July 30, 1888					
Forty-eighth street, from Eleventh avenue to North river	" 30, "					
Thirty-third street, from Fourth to Lexington avenue	" 30, "					
Scammel street, from Water to Grand street	" 30, "					
Little Marion street, from Prince street to 200 feet north	" 30, "					
Commerce street, from Bleecker to Barrow street	" 30, "					
Liberty place, from Liberty street to Maiden lane	" 30, "					
Theatre alley, from Ann to Beekman street	" 30, "					
Hague street, from Pearl to Cliff street	" 30, "					
Birmingham street, from Madison to Henry street	" 30, "					
Collister street, from Beach to Lighthouse street	" 30, "					
Wall street, from Broadway to Pearl street	Sept. 25, "					
Chambers street, from Park Row to Greenwich street (except where now paved with asphalt)	" 25, "					
Staple street, from Jay to Harrison street	" 25, "					
New Chambers street, from Park Row to Cherry street	" 25, "					
Hudson street, from Beach to Spring street	Oct. 22, "	Dec. 29, 1888				
Canal street, from Hudson to Greenwich street	" 22, "	" 29, "				
Hudson street, from Spring to Fourteenth street	Dec. 18, "	" 29, "				
York street, from St. John's lane to West Broadway	Feb. 13, "	Mar. 5, "	Aug. 14, 1888	Aug. 28, 1888	Dec. 8, 1888	
St. John's lane, from Beach to Lighthouse street	" 13, "	" 5, "	" 14, "	" 28, "	" 8, "	
Cottage place, from Houston to Bleecker street	" 13, "	" 5, "	" 14, "	" 28, "	" 8, "	
Grove street, from Hudson to Waverley place	" 13, "	" 5, "	" 14, "	" 28, "	" 8, "	

## Summary of Street Pavements in the City of New York, South of the Harlem River and Spuyten Duyvil Creek, March 31, 1889.

	SQUARE YARDS.	LINEAL FEET.	LENGTH IN MILES.		SQUARE YARDS.	LINEAL FEET.	LENGTH IN MILES.
Specification granite	1,925,717	458,190	86.84	Asphalt	34,401	9,608	1.82
Block granite	673,402	136,717	25.89	Wood	516	153	.03
Specification trap	1,232,684	349,950	65.28	Russ.	2,964	621	.12
Belgian	3,177,527	724,803	137.28	Macadam	846,265	124,894	23.65
Cobble	117,639	31,584	6.37	Totals	8,011,115	1,838,885	348.28

## Document "F."

## REPORT OF ENGINEER IN CHARGE OF SEWERS.

DEPARTMENT OF PUBLIC WORKS,  
OFFICE OF ENGINEER IN CHARGE OF SEWERS,  
NO. 31 CHAMBERS STREET, ROOM 9,  
NEW YORK, March 31, 1889.

Hon. D. LOWBER SMITH, Esq., Commissioner of Public Works:

DEAR SIR—In compliance with your instructions, I hand you herewith my report of the transactions of this office for the quarter ending March 31, 1889:

7,504 linear feet of new sewers and 9 receiving-basins connected therewith have been built, making the present total length of the sewerage of the city 2,272,632 linear feet (43.18 miles), with 5,177 receiving-basins, which number includes 9 receiving-basins built under special contract as hereafter stated. 16 sewer and 9 basin contracts have been completed, viz.:

Sewer in Seventy-seventh street, between Boulevard and West End avenue.

Sewer in Ninety-first street, between Riverside and West End avenues.

Sewer in One Hundred and Forty-first street, between Boulevard and Tenth avenue, etc. (extension).

Sewer in Fifty-second street, between Third and Lexington avenues (extension).

Sewer in One Hundred and Fifty-fifth street, between Harlem river and Eighth avenue.

Sewer in One Hundred and Thirty-seventh street, between Sixth and Seventh avenues.

Sewer in Third avenue, west side, between Eighty-eighth and Eighty-ninth streets.

Sewer in West street, between Rector and Carlisle streets.

Sewer in Seventy-second street, between Hudson river and Eleventh avenue, etc.

Sewer in One Hundred and Seventeenth street, between Fourth and Madison avenues.

Sewer in Ninetieth street, between Riverside and West End avenues.

Sewer in One Hundred and First street, between Boulevard and West End avenues.

Sewer in Eighty-ninth street, between Riverside and West End avenues.

Sewer in One Hundred and Third street, between Eighth and Manhattan avenues.

Sewer in Ninety-fifth street, between Madison and Fourth avenues.

Sewer in Seventy-seventh street, between Riverside and West End avenues.

Receiving-basin, southwest corner Seventy-third street and Boulevard.

Receiving-basin, southeast corner Seventieth street and West End avenue.

Receiving-basin, northwest and southwest corner One Hundred and Eighth street and Tenth avenue.

Receiving-basin, southwest corner One Hundred and Thirty-fifth street and Fifth avenue.

Receiving-basin, southwest corner One Hundred and Thirty-fifth street and Madison avenue.

Receiving-basin, northwest corner Seventy-second street and Riverside avenue.

Receiving-basin, southeast corner Eighty-sixth street and Tenth avenue.

Receiving-basin, southwest corner One Hundred and Forty-eighth street and Eighth avenue.

There are now in progress contracts for 22 sewers.

817 basins and 37,251 linear feet of sewer have been cleaned.

Yours, respectfully,

HORACE LOOMIS, Engineer in Charge of Sewers.

## REPORT OF THE TRANSACTIONS OF THE OFFICE OF THE ENGINEER IN CHARGE OF SEWERS FOR THE QUARTER ENDING MARCH 31, 1889.

Credit to General Fund—	
Amount received for 285 permits for sewer connections	\$6,588 76
Engineers' Fees—	
Amount of Engineers' fees assessed on property benefited, and charged to Street Improvement Fund	\$6,671 92
Sewers—Repairing and Cleaning—	
Appropriation for the year 1889	\$175,000 00
Vouchers transmitted to the Commissioner of Public Works—	
Pay-roll of Laborers, etc.	\$17,198 49
Repairs and Cleaning (under \$1,000)	9,307 63
Material and sundries	4,995 76
Balance on hand, March 31, 1889	143,498 12
	175,000 00
Sewers—Repairing and Cleaning for 1888—	
Balance on hand, December 31, 1888	\$12,194 91
Vouchers transmitted to the Commissioner of Public Works—	
Materials, sundries, etc.	\$1,860 28
Balance on hand, March 31, 1889	10,334 63
	12,194 91

## Salaries—Sewers—Repairing and Cleaning—

Appropriation for the year 1889 \$10,000 00 |

Vouchers transmitted to the Commissioner of Public Works—  |

Pay-rolls of Inspectors, etc. \$2,469 98 |

Balance on hand, March 31, 1889 7,530 02 |

10,000 00

## Salaries—Sewerage System—

Appropriation for the year 1889 \$17,000 00 |

Vouchers transmitted to the Commissioner of Public Works—  |

Pay-rolls of Engineers, etc. \$4,358 71 |

Balance on hand, March 31, 1889 12,641 29 |

17,000 00

## Salaries—Surveys, Maps, etc., for Street Openings and New Streets—

Appropriation for the year 1889 \$12,000 00 |

Vouchers transmitted to the Commissioner of Public Works—  |

Pay-rolls of Draughtsmen, etc. \$3,677 89 |

Balance on hand, March 31, 1889 8,322 11 |

12,000 00

## Boring Examinations for Grading and Sewer Contracts—

Appropriation for the year 1889 \$3,600 00 |

Vouchers transmitted to the Commissioner of Public Works—  |

Pay-rolls of Axemen, etc. \$920 00 |

Balance on hand, March 31, 1889 2,680 00 |

3,600 00

## Boring Examinations for Grading and Sewer Contracts—1888—

Balance on hand, December 31, 1888 \$272 64 |

Vouchers transmitted to the Commissioner of Public Works—  |

Tools, etc. \$131 15 |

Balance on hand, March 31, 1889 141 49 |

272 64

## Restoring and Repaving—Special Fund—

Amount received for permits for street openings \$5,284 50 |

## Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works—  |

Pay-roll of Engineers, etc. \$14,093 61 |

On contracts for sewers, etc. 64,734 25 |

\$78,827 86

## Work done by Mechanics and Laborers, etc.—

817 receiving-basins and culverts cleaned.

37,251 lineal feet of sewer cleaned.

167 lineal feet of sewer rebuilt.

400 lineal feet of sewer repaired.

21 lineal feet of new brick sewer built.

13 lineal feet of new box sewer built.

27 lineal feet of new culvert built.

55 lineal feet of culvert rebuilt.

81 lineal feet of spur-pipe laid.

142 lineal feet of new curb set.

196 lineal feet of tile bottom laid.

1 receiving-basin rebuilt.

27 receiving-basins repaired.

1 new manhole built.

30 manholes repaired.

29 new basin-heads and covers put on.

51 new manhole heads and covers put on.

76 new manhole covers put on.

7 new basin covers put on.

21 manhole-heads reset.

1,000 cubic yards of earth excavated and refilled.

158 cubic yards brickwork built.

471 square yards of pavement relaid.

665 square feet of flagging relaid.

19 cart-loads of earth filling.

2,236 cart-loads of dirt removed.



## Document "G."

## REPORT OF THE SUPERINTENDENT OF STREET IMPROVEMENTS.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF STREET IMPROVEMENTS, ROOM 5, NO. 31 CHAMBERS STREET,  
NEW YORK, April 1, 1889.

Hon. D. LOWBER SMITH, Commissioner of Public Works:

SIR—In accordance with your instructions, I have the honor to submit herewith my report of the transactions of the Bureau of Street Improvements for the quarter ending March 31, 1889. You will also please find a statement of the certificates made to the Board of Aldermen for flagging, reflagging and repairing sidewalks since January 1, 1889, on which no action has yet been taken by the Board of Aldermen.

Respectfully submitted,

W. M. DEAN, Superintendent of Street Improvements.

## STATEMENT OF THE AMOUNT OF WORK DONE DURING THE QUARTER ENDING MARCH 31, 1889.

Earth excavation.....	cubic yards.	8,001
Rock excavation.....	"	20,277
Filling furnished.....	"	50,618
Curb-stones set.....	linear feet.	2,932 <sup>531</sup> / <sub>100</sub>
" reset.....	"	1,036 <sup>75</sup> / <sub>100</sub>
Flagging laid.....	square feet.	22,845 <sup>95</sup> / <sub>100</sub>
" relaid.....	"	3,914 <sup>21</sup> / <sub>100</sub>
Dry stone box-culverts.....	linear feet.	280
Trees planted.....	"	210
Inlet frames.....	"	10

## AMOUNT OF VOUCHERS DRAWN.

Fund for Local Improvements.....	\$52,408 45
Street Improvement Fund.....	50,583 99
Street Improvements—For Surveying, Monumenting, etc.....	262 50
Contingencies of Department of Public Works.....	270 00

Total.....\$103,524 94

## APPROPRIATIONS.

Street Improvements—For Surveying, Monumenting and Numbering of Streets.....	\$2,000 00
Amount of vouchers drawn during first quarter.....	\$262 50
Outstanding liabilities.....	865 00
Balance (estimated).....	872 50

2,000 00

Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....\$6,000 00

No vouchers drawn during the quarter.

Contingencies of Department of Public Works—

Amount of vouchers drawn during first quarter.....\$270 00

## WORKS COMPLETED.

Regulating and grading—  
Fort Washington Ridge road.....\$173,367 81

Regulating, grading, etc.—  
Eighty-ninth street, Tenth avenue to Boulevard.....\$5,085 39  
One Hundred and Thirtieth street, Eighth to St. Nicholas avenue.....437 00  
One Hundred and Forty-ninth street, Eighth to New avenue.....4,232 78

9,755 17

Curbing and flagging—  
One Hundred and Eighteenth street, Seventh to Eighth avenue.....2,055 49

Flagging—  
Northeast corner Seventh avenue and One Hundred and Twenty-first street.....\$364 29  
East side Tenth avenue, Sixty-first to Sixty-second street.....986 07  
One Hundred and Fifteenth street, Second to Third avenue.....978 89  
South side One Hundred and Sixteenth street, Second to Third avenue.....680 53  
South side One Hundred and Twenty-fifth street, Second to Third avenue.....761 80

3,771 58

Total.....\$188,950 05

## RECAPITULATION.

1 contract for regulating and grading.....	\$173,367 81
3 contracts for regulating, grading, curbing and flagging.....	9,755 17
1 contract for curb and flagging.....	2,055 49
5 contracts for flagging.....	3,771 58

10 contracts. Amounting to.....\$188,950 05

Statement of Certificates Transmitted to the Board of Aldermen for Flagging, Reflagging and Repairing Sidewalks since January 1, 1889.

January 15, 1889—

Sixty-ninth street, Ninth to Tenth avenue.  
West side of Ninth avenue, Ninety-third to Ninety-fourth street.

January 22, 1889—

West side of Park avenue, Fifty-eighth to Fifty-ninth street.  
North side of Fifty-eighth street, Park to Madison avenue.  
South side of Twentieth street, Avenue A to Avenue B.  
East side of Fifth avenue, Sixty-first to Sixty-second street.  
South side of Sixty-second street, Fifth to Madison avenue.  
East side Avenue A, Seventy-third to Seventy-fourth street.  
Seventy-third street, Avenue A to East river.  
Seventieth street, First avenue to East river.  
North side Fifty-seventh street, Sixth to Seventh avenue.  
Seventy-first street, First avenue to East river.  
Seventy-seventh street, Avenue A to East river.  
Eightieth street, Avenue A to East river.  
Ninety-second street, Avenue A to East river.  
Fifteenth street, Avenue A to Avenue B.  
East side Third avenue, Ninety-eighth to Ninety-ninth street.  
East side of Second avenue, Ninety-third to Ninety-fourth street.  
South side of Ninety-seventh street, Fifth to Madison avenue.  
Ninety-fourth street, Park to Fifth avenue.  
South side of Ninety-seventh street, Ninth to Tenth avenue.

January 28, 1889—

West side of Eighth avenue, One Hundred and Forty-ninth to One Hundred and Fifty-first street.  
East side of Boulevard, One Hundred and Twenty-fourth to One Hundred and Twenty-fifth street.  
Eightieth street, West End avenue to Riverside Drive.  
South side of Eighty-fifth street, Madison to Park avenue.  
Seventy-eighth street, Ninth to Tenth avenue.  
Seventy-eighth street, Tenth avenue to Boulevard.  
Eightieth street, Ninth to Tenth avenue.  
One Hundredth street, Ninth to Tenth avenue.  
One Hundredth street, Manhattan to Ninth avenue.  
Eighty-eighth street, Madison to Park avenue.  
North side of One Hundred and Fifth street, Ninth to Tenth avenue.  
South side of One Hundred and Sixth street, Ninth to Tenth avenue.  
Eighty-fourth street, Eighth to Ninth avenue.  
Eighty-first street, Tenth avenue to Boulevard.  
West side of Eleventh avenue, One Hundred and Sixty-fourth to One Hundred and Sixty-fifth street.

February 4, 1889—

East side of Fifth avenue, Eightieth to Eighty-first street.  
East side of Tenth avenue, One Hundred and Eighth to One Hundred and Tenth street.  
West side of Central Park, West One Hundred and First to One Hundred and Fifth street.  
West side of Ninth avenue, Ninety-sixth to Ninety-seventh street.  
Eighty-fourth street, Ninth to Tenth avenue.  
One Hundred and Fourth street, Ninth to Tenth avenue.  
North side of Ninety-sixth street, Ninth to Tenth avenue.  
North side of Ninety-seventh street, Ninth to Tenth avenue.  
East side of Tenth avenue, Ninety-third to Ninety-fourth street.

March 23, 1889—

Seventy-second street, Central Park, West, to Riverside Drive.  
West side of Madison avenue, One Hundredth to One Hundred and first street.  
South side of One Hundred and First street, Fifth to Madison avenue.  
Eighty-ninth street, First to Second avenue.  
Seventh avenue, One Hundred and Sixteenth to One Hundred and Eighteenth street.  
West side of Tenth avenue, One Hundred and Forty-ninth to One Hundred and Fiftieth street.  
Southwest corner of Third avenue and Twenty-first street.  
East side of Fifth avenue, Sixty-fifth to Sixty-sixth street.  
South side of One Hundred and Thirty-first street, Madison to Park avenue.  
Eightieth street, Ninth to Tenth avenue.  
North side of Seventy-fourth street, Ninth to Tenth avenue.  
South side of Ninetieth street, First to Second avenue.  
North side of Thirty-eighth street, First to Second avenue.  
One Hundred and Thirty-third street, Fifth to Lenox avenue.

Statement showing Works under Contract in Bureau of Street Improvements on the 31st day of March, 1889.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
<i>Regulating, Grading, Curbing, Flagging and Retaining Walls.</i>									
Street Improvement Fund—									
Kingsbridge road, One Hundred and Ninetieth street to Harlem river.....	B. F. Coleman.....	J. McI. Smith.....	William J. Girvan.....	300 days.	\$204,990 00	\$65,950 00	\$19,575 00	\$45,675 00	
Edgecombe avenue, One Hundred and Forty-fifth street to St. Nicholas place.....	John F. Dawson.....	J. McI. Smith.....	Leander Buck.....	300 "	86,826 06	129,605 75	38,881 57	90,723 68	
First new avenue, One Hundred and Forty-fifth to One Hundred and Fifty-fifth street.....	William J. Kelly.....	J. McI. Smith.....	Charles Myers.....	500 "	55,120 00	42,488 00	12,746 40	29,741 60	
Fifth avenue, One Hundred and Thirty-eighth street to Harlem river.....	Jerome Finn.....	James R. Wardlaw.....	B. V. Fraser.....	500 "	18,817 24	1,610 00	483 00	1,127 00	
Twelfth avenue, One Hundred and Thirty-third to One Hundred and Thirty-fifth street.....	M. Fortunato.....	Frank E. Towle.....	P. Mooney.....	250 "	7,587 20				
Forty-ninth street, First avenue to Beekman place.....	John J. Rogers.....	I. R. Wardlaw.....	Patrick Kelly.....	90 "	13,774 10	11,290 60	3,387 18	7,903 40	Work not yet commenced.
Fifty-fourth street, south side Eighth to Ninth avenue.....	M. Fay.....	R. J. Dodge.....		15 "	1,731 25				
Seventy-ninth street, Boulevard to Hudson river.....	P. H. Kerwin.....	W. H. Bostwick.....		15 "	5,219 21				
Eighty-seventh street, West End avenue to Riverside Drive.....	John B. Devlin.....	W. H. McDonough.....	Theophilus Pratt.....	60 "	6,249 10	4,611 00	1,383 30	3,227 70	
Ninety-ninth street, Tenth avenue to Riverside Drive, etc.....	F. Del Genovese.....	Frank E. Towle.....	G. Sebbins.....	30 "	2,182 00				
Ninety-first street, Ninth to Tenth avenue.....	M. Fortunato.....	Richard Amerman.....	P. C. McGuire.....	100 "	13,292 10	1,698 56	509 56	1,189 00	
Ninety-second street, Boulevard to Riverside Drive.....	J. J. Farley.....	W. H. McDonough.....	R. V. Davis.....	300 "	40,018 36	17,150 00	5,145 00	12,005 00	
One Hundred and Sixth street, Boulevard to Riverside Drive.....	J. Canill.....	Robert L. Waters.....	William F. Gannon.....	150 "	22,360 35	3,168 00	950 40	2,217 60	
One Hundred and Seventh street, West End avenue to Riverside Drive.....	P. McInerney.....	Frank E. Towle.....	J. W. Keogh.....	100 "	5,692 40				
One Hundred and Ninth street, Eighth to Manhattan avenue.....	J. J. Farley.....	Thomas Slater.....	James McShane.....	40 "	4,064 08				
One Hundred and Sixteenth street, Pleasant avenue to Harlem river.....	M. Fay.....	Richard Amerman.....		15 "	1,511 65				Work not yet commenced.
One Hundred and Seventeenth street, Eighth to Ninth avenue.....	A. E. Moran.....	M. A. Lacy.....		60 "	4,240 09				Work suspended.
One Hundred and Twenty-fourth street, Ninth to Tenth avenue.....	John Phelan.....	M. A. Lacy.....	Mark Neary.....	150 "	3,850 28				
One Hundred and Fortieth street, Tenth avenue to Boulevard.....	M. Fortunato.....	W. H. McDonough.....	John Lawrence.....	100 "	8,728 95	6,932 55	2,079 77	4,852 78	
One Hundred and Forty-third street, Tenth avenue to Boulevard.....	William J. Kelly.....	M. A. Lacy.....		60 "	3,287 19				Work suspended.
One Hundred and Forty-seventh street, Tenth avenue to Boulevard.....	M. Fortunato.....	M. A. Lacy.....	N. Frank.....	150 "	15,576 52	3,862 50	1,158 75	2,703 75	
One Hundred and Forty-eighth street, Eighth to New avenue.....	Charles V. Hough.....	Richard Amerman.....	J. Smith.....	150 "	14,228 13				
One Hundred and Sixty-sixth street, Tenth to Eleventh avenue.....	J. J. Hopper.....	Robert L. Waters.....	D. Simmons.....	120 "	3,154 24				
One Hundred and Seventieth street, Tenth to Eleventh avenue.....	F. Thielemann, Jr.....	Frank E. Towle.....	Thomas W. Gibbons.....	250 "	8,833 75				
	Newell & Freligh.....	M. A. Lacy.....	E. C. Brady.....	130 "	9,278 28	2,676 00	802 80	1,873 20	
<i>Special Contracts.</i>									
Flagging, etc.—									
East side Lenox avenue, One Hundred and Forty-third to One Hundred and Forty-sixth street.....	P. H. Kerwin.....	F. E. Towle.....		10 "	50 08				Work not yet commenced.
West side Park avenue, One Hundred and Thirtieth to One Hundred and Fourteenth street.....	P. H. Kerwin.....	Robert L. Waters.....		10 "	230 67				
West side Eighth avenue, One Hundred and Twelfth to One Hundred and Thirteenth street.....	P. H. Kerwin.....	G. M. Root.....		10 "	131 29				
South side Eighty-third street, Ninth to Tenth avenue.....	P. H. Kerwin.....	W. H. Bostwick.....		10 "	685 76				
North side One Hundred and Twenty-first street, Lenox to Seventh avenue.....	P. H. Kerwin.....	Robert L. Waters.....		10 "	297 60				
Fencing Vacant Lots—									
One Hundred and Seventh and One Hundred and Eighth streets, Eighth to Manhattan avenue.....	Bernard A. Roth.....	Robert L. Waters.....		10 "	592 00				
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.									
Centre, Broome, Centre Market place and Grand streets.....	W. H. Hornidge.....	Charles H. Bull.....		8 "	1,114 25				
Totals.....					\$563,764 18	\$290,312 46	\$87,102 73	\$203,239 71	



## REPORT OF THE SUPERINTENDENT OF STREETS.

D. LOWBER SMITH, Esq., *Commissioner of Public Works :*

Respectfully,  
GEO. E. BABCOCK, Superintendent of Streets.

Roadway and gutters cleaned.....	75,481 square yards.
Gutters cleaned.....	87,312 "
Macadam pavement repaired.....	8,303 "
Macadam pavement resurfaced.....	1,333 "
Roadway repaired with gravel.....	6,171 "
Roadway covered with gravel bank screenings.....	1,323 "
Roadway covered with lime-stone.....	3,748 "
Block pavement relaid.....	25 "
Temporary crosswalks laid.....	200 square feet.
Drain cleaned.....	572 lineal feet.
Trees trimmed.....	327 "
Basins cleaned.....	408 "

The following material was used in making repairs on macadamized roadways and sidewalks:	
Broken stone.....	524 truck-loads.
Trap-rock screenings.....	107 "
Gravel.....	285 "
Line-stone screenings.....	80 "
Sand.....	22 "
Gravel bank screenings.....	15 "
Dirt (roadways).....	7 "
Dirt (sidewalks).....	280 "
Stone (sidewalks).....	4 "

The following statement shows the work done and materials used on unpaved streets:

Madison avenue, between Ninety-eighth and One Hundred and Second streets.

continued. The net increase of public ramps during the quarter was one.

## REPORT OF THE SUPERINTENDENT OF LAMPS AND GAS.

Hon. D. LOWBER SMITH, *Commissioner of Public Works:*



Exhibit "E" is a statement showing the lowest, highest and average illuminating power of the gases supplied to the city by the several gas companies within reach of our photometrical stations.

The following statement will show the average amount of impurities found in the gases of the several gas companies, as determined by the analyses made by E. G. Love, Ph. D., the Gas Examiner, at the laboratories of this Department:

OF WHAT COMPANY.	SULPHUR. (Grs. in 100 cu. ft.)	AMMONIA. (Grs. in 100 cu. ft.)	SULPHURETED HYDROGEN.
Consolidated Gas Co.—			
Branch 1.....	8.70	1.17	None.
Branch 2.....	20.99	0.34	"
Branch 3.....	5.04	0.33	"
Branch 4.....	17.33	17.16	"
Branch 6.....	5.76	0.91	"
New York Mutual Gas-light Co.....	5.75	0.22	Traces.
Equitable Gas-light Co.....	6.89	0.14	None.

The following shows the specific gravity of the gases:

Consolidated Gas Co.—	
Branch 1, specific gravity.....	.562
Branch 2, ".....	.521
Branch 3, ".....	.650
Branch 4, ".....	.491
Branch 6, ".....	.426
New York Mutual Gas-light Co., specific gravity.....	.748
Equitable Gas-light Co., ".....	.736

The following statement will show the average maximum and minimum pressure on the mains of such companies as connect with our photometric stations, as recorded on the pressure registers during the quarter, 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.
Consolidated Gas Co.—				
Branch 1.....	1.78	1.36	Cor. of Grand street and Bowery.	1.80
Branch 2.....	2.54	1.22	" " "	1.60
Branch 3.....	2.41	1.03	" " "	3.80
Branch 4.....	1.67	0.83	{ Seventy-ninth street, between } { Second and Third avenues. }	3.80
Branch 6.....	3.09	1.28	{ Seventy-ninth street, between } { Second and Third avenues. }	1.80
New York Mutual Gas-light Co....	3.68	1.65	Cor. of Grand street and Bowery.	1.80
Equitable Gas-light Co.....	2.85	1.21	" " "	2.70

Yours, respectfully,

S. McCORMICK, Superintendent of Lamps and Gas.

#### EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Armories, etc., and for Fitting-up, Maintaining and Lighting the Public Lamps, etc., for the Quarter ending March 31, 1889:

Washington Market.....	\$1,005 36
Catharine Country Market.....	39 51
Catharine Meat Market.....	15 88
Fulton Meat Market.....	370 99
Fulton Country Market.....	607 38
Essex Market.....	47 50
Centre Market.....	134 75
Clinton Market.....	237 37
Union Market.....	12 63
Tompkins Market.....	116 25
Jefferson Market.....	204 75
First District Police Court.....	366 75
Second District Police Court.....	142 50
Third District Police Court.....	45 50
Fourth District Police Court.....	115 50
Fifth District Police Court.....	27 12
First District Civil Court.....	7 13
Fourth District Civil Court.....	11 75
Fifth District Civil Court.....	46 13
Sixth District Civil Court.....	1 50
Eighth District Civil Court.....	9 50
Ninth District Civil Court.....	9 50
Court of Special Sessions.....	34 12
Brown-stone (Court-room) Building.....	227 12
New Court-house.....	1,320 01
City Hall.....	534 13
Corporation Counsel's Office.....	40 25
Corporation Attorney's Office.....	65 49
Public Administrator's Office.....	12
Board of Assessors.....	37
Department of Public Works.....	450 50
Department of Taxes.....	12 14
CITY RECORD Bookbindery.....	5 24
Register's Office.....	103 38
County Jail.....	355 75
Pipe Yard, Rivington Street.....	6 87
Pipe Yard, East Twenty-fourth street.....	5 63
Water Purveyor's Repair Shop, West Thirtieth street.....	9 38
Water Purveyor's Repair Shop, East Eighty-seventh street.....	5 87
Water Purveyor's Repair Shop, East One Hundred and Twenty-fifth street.....	21 25
South Gate-house.....	50 13
Engine-house, High Water Service, High Bridge.....	112 12
Engine-house, High Water Service, Ninety-eighth street.....	170 12
Clock-tower, Third District Court-house.....	277 25
New York City Civil Service Board.....	11 63
Corporation Yard, East Sixteenth street.....	4 50
Dog Pound, East One Hundred and Second street.....	5 60
Bureau of Streets and Roads, St. Nicholas avenue and One Hundred and Nineteenth street.....	1 38
Photometrical Room, Grand street.....	16 75
Photometrical Room, Seventy-ninth street.....	8 00
Seventh Regiment Armory.....	974 75
Eighth Regiment Armory.....	244 50
Ninth Regiment Armory.....	330 25
Eleventh Regiment Armory.....	25 50
Twelfth Regiment Armory.....	390 00
Twenty-second Regiment Armory.....	875 50
Sixty-ninth Regiment Armory.....	224 00
Seventy-first Regiment Armory.....	390 75
First Battery Armory.....	77 25
Second Battery Armory.....	104 75
Brigade Headquarters.....	117 50
Rubber hose, etc., for Third Avenue Bridge.....	\$27 75
Gas examinations.....	385 50
Lighting public markets, etc. (Pay-rolls).....	776 00
Cleaning Photometrical Rooms (Pay-rolls).....	15 00

\$11,197 50

New lamp-posts.....	\$787 50
New street-lamps.....	531 00
New Boulevard lamps.....	600 00
New lamp-irons.....	416 00
Street signs.....	56 25
Photometrical apparatus.....	354 00
Photometrical Room, Grand street—Rent.....	150 00
Photometrical Room, Seventy-ninth street—Rent.....	90 00
Fitting up new lamps.....	184 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards.....	120 00
Resetting and repairing lamp-posts.....	734 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	95 50
Lighting public lamps.....	50,136 60
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	23,540 85
Lighting electric-lamps.....	8,410 50
Lighting naphtha-lamps.....	499 73
	\$87,910 18
Inspectors of Lamps, etc., Pay-rolls.....	\$99,107 68
	1,624 95
Total.....	\$100,732 63

#### RECAPITULATION.

Gas to Public Offices, etc.....	\$11,197 50
Supplies to public lamps, etc.....	4,189 00
Fitting-up new lamps.....	184 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards.....	120 00
Resetting and repairing lamp-posts.....	734 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	95 50
Lighting public lamps.....	50,136 60
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	23,540 85
Lighting electric-lamps.....	8,410 50
Lighting naphtha-lamps.....	499 73
Inspectors of Lamps, etc. (Pay-rolls).....	1,624 95
Total.....	\$100,732 63

#### EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," for 1889, showing the Amount Expended during the Quarter ending March 31, 1889, and the Amount standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting," 1889.....	\$700,000 00
Amount of vouchers drawn during the quarter ending March 31.....	99,107 68
Balance against which no vouchers have been drawn.....	\$600,892 32

#### LIABILITIES.

Consolidated Gas Co., lighting public lamps, month of March.....	\$23,236 19
Equitable Gas-light Co., ".....	1,938 00
New York Mutual Gas-light Co., ".....	212 92
Central Gas-light Co., ".....	5,661 37
Northern Gas-light Co., ".....	5,104 00
Yonkers Gas-light Co., ".....	1,085 08
New York and New Jersey Globe Gas-light Co., lighting public lamps, month of March.....	250 00
Brush Electric Illuminating Co., lighting electric-lamps.....	11,527 95
United States Illuminating Co., ".....	12,706 05
East River Electric-light Co., ".....	4,344 20
Harlem Lighting Co., ".....	3,442 95
Mount Morris Electric-light Co., ".....	497 28
North New York Lighting Co., ".....	817 60
J. L. Mott Iron Works, ornamental lamp-posts for Mayor's residence.....	220 00
" " " lamps.....	100 00
" " " So lamp-posts.....	630 00
E. P. Gleason Mfg. Co., repairing street lamps.....	185 00
Matthews Decorative Glass Co., 2,000 glass street signs.....	380 00
Wellington Mfg. Co., 175 street lamps.....	416 25
Bartlett Street Lamp Mfg. Co., 150 Boulevard globes.....	300 00
C. Birdsall, cartages.....	75 00
John Millis, electric-light examinations.....	500 00
	73,659 84
Balance available March 31, 1889.....	\$527,232 48

#### EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," showing the Amount Expended during the Quarter ending March 31, 1889, with the Balance standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting—Salaries".....	\$6,500 00
Amount of vouchers drawn to March 31, 1889.....	1,624 95
Balance available March 31, 1889.....	\$4,875 05

#### EXHIBIT "D."

Summary of the "Lamp Account," showing the Number of New Lamps Lighted, Old Lamps Relighted and Lamps Discontinued by each Gas and Electric-light Company during the Quarter ending March 31, 1889.

CONSOLIDATED GAS COMPANY, BRANCH 1.			
Number of lamps lighted December 31, 1888.....	2,971		
Number of new lamps lighted during the quarter.....	3		
Number of old lamps relighted during the quarter.....	5		
Less lamps discontinued during the quarter.....	50	2,979	
Less lamps discontinued on account of electric-lights.....	1		
		51	
Number of lamps lighted March 31, 1889.....			2,928
CONSOLIDATED GAS COMPANY, BRANCH 2.			
Number of lamps lighted December 31, 1888.....	1,631		
Number of new lamps lighted during the quarter.....	6		
Number of old lamps relighted during the quarter.....	17		
Less lamps discontinued during the quarter.....	0	1,654	
Less lamps discontinued on account of electric-lights.....	25		
		25	
Number of lamps lighted March 31, 1889.....			1,629
CONSOLIDATED GAS COMPANY, BRANCH 3.			
Number of lamps lighted December 31, 1888.....	2,456		
Number of new lamps lighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	2		
Less lamps discontinued during the quarter.....		2,458	
		1	
Number of lamps lighted March 31, 1889.....			2,457



CONSOLIDATED GAS COMPANY, BRANCH 4.				ELECTRIC-LAMPS.			
Number of lamps lighted December 31, 1888.....				BRUSH ELECTRIC ILLUMINATING COMPANY.			
Number of new lamps lighted during the quarter.....				Number of lamps lighted December 31, 1888.....			
Number of old lamps relighted during the quarter.....				Number of new lamps lighted during the quarter.....			
Less lamps discontinued during the quarter.....				Number of old lamps relighted during the quarter.....			
Number of lamps lighted March 31, 1889.....				Less lamps discontinued during the quarter.....			
CONSOLIDATED GAS COMPANY, BRANCH 6.				Number of lamps lighted March 31, 1889.....			
Number of lamps lighted December 31, 1888.....				UNITED STATES ILLUMINATING COMPANY.			
Number of new lamps lighted during the quarter.....				Number of lamps lighted December 31, 1888.....			
Number of old lamps relighted during the quarter.....				Number of new lamps lighted during the quarter.....			
Less lamps discontinued during the quarter.....				Number of old lamps relighted during the quarter.....			
Number of lamps lighted March 31, 1889.....				Less lamps discontinued during the quarter.....			
Total number of lamps lighted by Consolidated Gas Com- pany, March 31, 1889.....				Number of lamps lighted March 31, 1889.....			
NEW YORK MUTUAL GAS-LIGHT COMPANY.				HARLEM LIGHTING COMPANY.			
Number of lamps lighted December 31, 1888.....				Number of lamps lighted December 31, 1888.....			
Number of new lamps lighted during the quarter.....				Number of new lamps lighted during the quarter.....			
Number of old lamps relighted during the quarter.....				Number of old lamps relighted during the quarter.....			
Less lamps discontinued during the quarter.....				Less lamps discontinued during the quarter.....			
Number of lamps lighted March 31, 1889.....				Number of lamps lighted March 31, 1889.....			
EQUITABLE GAS-LIGHT COMPANY.				MOUNT MORRIS ELECTRIC-LIGHT COMPANY.			
Number of lamps lighted December 31, 1888.....				Number of lamps lighted December 31, 1888.....			
Number of new lamps lighted during the quarter.....				Number of new lamps lighted during the quarter.....			
Number of old lamps relighted during the quarter.....				Number of old lamps relighted during the quarter.....			
Less lamps discontinued during the quarter.....				Less lamps discontinued during the quarter.....			
Less lamps discontinued on account of electric-lights.....				Number of lamps lighted March 31, 1889.....			
Number of lamps lighted March 31, 1889.....				NORTH NEW YORK LIGHTING COMPANY.			
CENTRAL GAS-LIGHT COMPANY.				Number of lamps lighted December 31, 1888.....			
Number of lamps lighted December 31, 1888.....				Number of new lamps lighted during the quarter.....			
Number of new lamps lighted during the quarter.....				Number of old lamps relighted during the quarter.....			
Number of old lamps relighted during the quarter.....				Less lamps discontinued during the quarter.....			
Less lamps discontinued during the quarter.....				Number of lamps lighted March 31, 1889.....			
Less lamps discontinued on account of electric-lights.....				EAST RIVER ELECTRIC-LIGHT COMPANY.			
Number of lamps lighted March 31, 1889.....				Number of lamps lighted December 31, 1888.....			
NORTHERN GAS-LIGHT COMPANY.				Number of new lamps lighted during the quarter.....			
Number of lamps lighted December 31, 1888.....				Number of old lamps relighted during the quarter.....			
Number of new lamps lighted during the quarter.....				Less lamps discontinued during the quarter.....			
Number of old lamps relighted during the quarter.....				Total number of electric-lamps lighted March 31, 1889.....			
Less lamps discontinued during the quarter.....				RECAPITULATION FOR QUARTER.			
Number of lamps lighted March 31, 1889.....				Number of gas-lamps lighted December 31, 1888.....			
YONKERS GAS-LIGHT COMPANY.				Number of naphtha-lamps lighted December 31, 1888.....			
Number of lamps lighted December 31, 1888.....				Number of electric-lamps lighted December 31, 1888.....			
Number of new lamps lighted during the quarter.....				Number of new gas-lamps lighted during the quarter.....			
Number of old lamps relighted during the quarter.....				Number of new naphtha-lamps lighted during the quarter.....			
Less lamps discontinued during the quarter.....				Number of new electric-lamps lighted during the quarter.....			
Number of lamps lighted March 31, 1889.....				Number of gas-lamps relighted during the quarter.....			
Total number of gas-lamps lighted March 31, 1889.....				Number of naphtha-lamps relighted during the quarter.....			
NAPHTHA-LAMPS.				Number of electric-lamps relighted during the quarter.....			
NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.				Less gas-lamps discontinued during the quarter.....			
Number of lamps lighted December 31, 1888.....				Less gas-lamps discontinued on account of electric-lights.....			
Number of new lamps lighted during the quarter.....				Less naphtha-lamps discontinued during the quarter.....			
Number of old lamps relighted during the quarter.....				Less electric-lamps discontinued during the quarter.....			
Less lamps discontinued during the quarter.....				Total number of lamps lighted March 31, 1889.....			
Number of lamps lighted March 31, 1889.....							

## EXHIBIT "E."

Statement giving the Illuminating Power in Candles of the Gas supplied to the City by the several Gas-light Companies during the Quarter ending March 31, 1889, as shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	CONSOLIDATED GAS CO., BRANCH 1.			CONSOLIDATED GAS CO., BRANCH 2.			CONSOLIDATED GAS CO., BRANCH 3.			CONSOLIDATED GAS CO., BRANCH 4.			CONSOLIDATED GAS CO., BRANCH 5.			N. Y. MUTUAL GAS- LIGHT CO.			EQUITABLE GAS-LIGHT CO.		
	ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.		
Week ending—	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
Jan. 5, 1889.....	24.06	24.97	24.47	19.05	20.48	19.98	27.67	28.50	28.15	21.22	23.66	22.00	24.82	26.14	25.67	30.95	32.36	31.67	29.69	32.33	31.51
" 12, ".....	22.94	25.14	24.37	19.23	20.14	19.71	27.48	29.09	28.24	21.67	24.04	23.04	25.25	27.57	26.32	30.84	32.76	31.83	31.02	32.14	31.61
" 19, ".....	25.09	27.88	26.18	19.44	20.48	20.03	27.51	29.20	28.39	23.16	24.00	23.59	25.13	27.91	26.15	26.70	30.64	29.23	31.96	33.62	32.43
" 26, ".....	24.80	29.64	26.60	19.11	20.14	19.72	27.96	30.02	29.18	22.56	24.13	23.32	23.58	25.45	24.58	28.30	30.10	29.50	32.18	34.32	33.38
Feb. 2, ".....	23.29	24.66	24.05	19.84	20.38	20.13	27.76	29.61	28.67	23.13	23.78	23.43	25.30	26.53	25.98	28.78	30.44	29.55	32.56	33.08	32.73
" 9, ".....	24.44	26.96	25.74	18.93	19.62	19.41	27.54	29.79	28.79	23.28	24.52	23.86	26.14	27.91	26.93	27.24	30.20	28.55	29.89	31.92	30.76
" 16, ".....	22.96	27.06	25.06	18.48	19.74	19.07	28.50	30.24	29.18	22.76	24.63	23.42	25.42	27.68	26.77	28.32	31.84	29.44	31.84	32.52	32.23
" 23, ".....	20.38	25.23	22.93	19.04	19.48	19.21	27.79	28.88	28.35	22.61	23.93	23.20	26.43	27.52	26.95	28.00	31.79	29.32	31.98	32.71	32.33
Mar. 2, ".....	21.46	24.18	22.97	19.79	20.88	20.33	27.12	28.73	27.85	22.08	23.98	23.09	27.22	29.09	27.82	28.34	31.58	30.16	30.28	32.80	31.84
" 9, ".....	22.10	23.86	22.86	19.93	21.34	20.61	26.04	27.84	26.91	21.87	23.11	22.48	26.38	27.63	27.05	28.10	29.26	28.74	28.58	30.65	29.63
" 16, ".....	23.11	24.02	23.63	19.68	22.75	21.07	26.34	28.76	27.57	23.12	24.36	23.70	26.67	27.72	27.28	28.62	31.02	29.81	29.48	32.15	30.62
" 23, ".....	20.60	27.40	23.98	20.15	22.87	20.97	25.77	28.52	26.86	23.60	24.35	23.89	26.77	27.74	27.41	29.43	31.49	30.61	32.35	33.84	33.14
" 30, ".....	22.63	24.51	23.76	20.13	22.23	21.38	25.61	28.51	27.13	24.34	25.56	24.63	27.40	29.60	28.22	30.62	31.76	31.02	30.83	32.92	32.11
For the Quarter.....	20.38	29.64	24.35	18.48	22.87	20.12	25.61	30.24	28.09	21.22	24.63	23.36	23.58	29.60	26.70	26.70	32.76	29.96	28.58	34.32	31.87
Distance from gas-works.....	1.68 Miles.....			1.68 Miles.....			3.10 Miles.....			3.10 Miles.....			1.10 Miles.....			1.10 Miles.....			2.70 Miles.....		
Testing burner.....	Bray's Slit Union No. 7....			Empire, 5 feet.....			Bray's Slit Union No. 7....			Bray's Slit Union No. 6....			Bray's Slit Union No. 6....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7....		



## Document "K."

## REPORT OF THE SUPERINTENDENT OF REPAIRS AND SUPPLIES.

DEPARTMENT OF PUBLIC WORKS—BUREAU OF REPAIRS AND SUPPLIES,  
NEW YORK, April 3, 1889.

Hon. D. LOWBER SMITH, Commissioner of Public Works:

SIR—In compliance with your instructions I have the honor to submit the following report of the transactions of this Bureau for the three months ending March 31, 1889. Among the principal items of work were the following:

## NEW COURT-HOUSE.

A set of grate bars has been placed under boiler and some repairs made to others; the steam-heating apparatus has been altered and repaired; the steam pumps have been reconstructed, repaired and put in working order, and the steam-pipes covered with asbestos, felt and canvas duck. Iron wire railing has been put in Surrogate's Court; the loose paint and scale of the interior and exterior of the dome have been scraped off, and the inside and outside of same painted. Alterations and changes have been made to the wire railing, and locations of safes changed in Sheriff's Office. A black-walnut, glass and paneled partition has been put up; considerable additions made to shelving in Lis Pendens room; wire railing put up in the main and record rooms. Carpet has been laid, rugs, mats and rotary chairs furnished in office of County Clerk. Desks, chairs, carpet and office furniture have been supplied to the court and offices of the Surrogate.

Carpet and linoleum have been laid in Part III, Supreme Court, and a rug and mat furnished. Oak bent chairs have been supplied to the several parts of the Superior Court.

## CITY HALL.

Board of Aldermen—The walls and ceilings of the private office and toilet-room of the Board of Aldermen have been washed off, calcimined and painted, and radiators bronzed; silver-plated name plates have been placed on desks of newly elected Aldermen; chairs have been furnished and carpets laid in office of the Clerk. For use in several parts of the City Court, walnut jury chairs have been furnished. The Washington furniture in the Governor's room has been carefully overhauled, thoroughly renovated and re-upholstered.

## BROWN-STONE BUILDING.

In the basement a black-walnut closet has been put up for use of the District Attorney; some repairs have been made to guide springs of elevator. In the District Attorney's offices carpet and linoleum have been laid and rugs and mats furnished; a clock, desks and safe have been furnished. In the Grand Jury room new carpet and linoleum have been laid.

In Part I, Court of General Sessions, carpet and linoleum have been laid; rug and mat furnished. Rotary chairs have been furnished to the same part.

Carpet, linoleum, cocoa-matting have been laid and rugs furnished to office of Clerk.

A Turcoman curtain has been hung at back of jury box, and a canopy, with cornice curtain and lambrequin, has been placed over Judges' bench in Part I.

Desk furnished to stenographer and a Turcoman curtain put up behind jury box in Part II.

A canopy similar to those above described has been put up in Part III.

## HALL OF RECORDS.

Book racks have been put up in the mortgage room, Register's Office.

## NO. 31 CHAMBERS STREET.

The steam pumps have been repaired and new apparatus furnished, the vault covers and iron grating on the Reade street front of building have been repaired.

## STEWART BUILDING.

In the office of the Commissioner of Jurois alterations have been made to partition and some office furniture, etc., supplied.

In the Finance Department, a black walnut atlas case has been furnished for use of above department. Office furniture has been supplied to office of Collection of Arrears of Taxes and Assessment.

## NO. 27 CHAMBERS STREET.

The Board of Assessors, by resolution of the Board of Aldermen, February 12, and approved by the Mayor, February 14, 1889, were assigned offices in above building, the repairs and alterations necessary for occupancy have been made and office furniture supplied, and paneled partition put up in office of City Surveyor.

## STAATS ZEITUNG BUILDING.

Black walnut cases for the safe keeping of maps have been put up in office of Corporation Counsel.

## ARMORIES.

Extensive repairs have been made to the roof of Seventh Regiment Armory Building. In the Twenty-second Regiment Armory Building repairs have been made to flooring.

## CORPORATION YARD.

Repairs to roof of Rivington Street Pipe Yard Building have been made.

## MARKETS.

Fulton Market—The asphalt flooring in the gangway on Fulton street side of the market and the centre gangway intersecting the same has been taken up, the damaged timbers removed, the space underneath the floor filled with clean earth well rammed, chestnut sleepers laid on the same and the space floored over with 2-inch yellow pine flooring plank. Repairs have also been made to the yellow pine flooring in several places in the market, the damaged plank and timbers removed and replaced with new material.

Clinton Market—The gravel roof over stands Nos. 122 and 123 has been removed, the planking repaired and the space covered with IX tin, underlaid with rosin sized paper; repairs have also been made to the roof and gutters in several places, and the new work painted with metallic paint.

Gansevoort Market—The tool house has been rebuilt, a new tin roof put on, windows glazed and protected with wire guards and the building painted.

## CIVIL AND POLICE COURTS.

Second District Civil Court—New signs have been painted and put up on front of the building; 2 eight-day clocks furnished and some new window-shades hung on spring-rollers.

Fourth District Civil Court—The walls, ceilings and wood-work in the Court-room, Judges' and Clerks' rooms, have been washed off, plastering repaired, ceilings calcimined, walls, wood-work and trim painted, radiators and steam-pipes bronzed and hard wood-work varnished; a case of Tucker files, a new clock, chairs and wardrobe furnished, and carpet and matting laid in several rooms, door mats and desk rugs supplied, and new Holland shades hung on Court-room and office window.

Seventh District Court-house—The roof and gutters on the east side of the building have been repaired, wire strainers put in all the leaders and the entire roof made weather-tight. A black walnut case of shelving has been put up in the court-room, a jury wheel furnished and some window-shades hung.

Eighth District Civil Court—The walls, ceilings and wood-work in the Court-room, Judges' and Clerks' rooms, have been washed off, plastering repaired, ceilings calcimined, wood-work painted, grained and hard wood varnished and iron-work painted.

City Prison Courts—The roofs over the Special Sessions and Police Courts have been repaired and new flashings put around chimneys.

Second District Police Court—A new carpet has been laid on the Judges' bench.

Fifth District Police Court—The railing and paneled work in front of Judges' bench has been painted, grained and varnished, and the platform extended on both sides and new railing put up.

## FREE FLOATING BATHS.

A contract has been entered into for the construction of two free floating swimming-baths in accordance with chapters 402 and 411 of the Laws of 1888.

Not the least of the duties of the Bureau during the quarter was the furnishing of office and Court supplies and furniture, and repairing the same. In this report no allusion is made to the furnishing of coal, wood and ice to the several courts, Civil and Police, and the Armories of the National Guard.

Respectfully,

W. G. BERGEN, Superintendent Repairs and Supplies.

## Document "L."

## REPORT OF THE SUPERINTENDENT OF INCUMBRANCES.

DEPARTMENT OF PUBLIC WORKS—BUREAU OF INCUMBRANCES,  
NO. 31 CHAMBERS STREET,  
NEW YORK, April 3, 1889.

Hon. D. LOWBER SMITH, Commissioner of Public Works:

DEAR SIR—I have the honor to make the following report of the business of this Bureau for the quarter ending March 31, 1889 (months of January, February and March, 1889):

926 complaints of obstructions received and attended to.

797 seizures and removals of obstructions made.

1,225 building permits issued.

4 permits issued to cut down shade trees.

272 miscellaneous permits issued.

229 notices issued to repair defective sidewalks.

4 notices issued to repair defective vault covers.

Expense of seizing and removing 797 articles, including 1,171 loads of dirt, stone, refuse, etc., and 80 dead and dangerous trees, also 248 telegraph poles and 1,058,090 lineal feet of telegraph wire.

\$6,910 46

Total expenses for the quarter

\$8,835 44

Received from owners for the redemption of seized articles.

\$306 25

Received from public sale of unredeemed goods, etc., February 7, 1889.

646 47

Total

\$952 72

All of which was duly paid over to the City Chamberlain.

Salary account—Appropriation

\$8,400 00

Expended up to March 31, 1889.

1,924 98

Balance

\$6,475 02

Appropriation for the removal of obstructions in streets and avenues, including rents

\$22,000 00

for corporation yards.

6,910 46

Amount expended up to March 31, 1889

Balance

\$15,089 54

Respectfully,

JOHN RICHARDSON, Superintendent of Incumbrances.

## Document "M."

## REPORT OF THE WATER REGISTER.

BUREAU OF WATER REGISTER, NO. 31 CHAMBERS STREET,  
NEW YORK, March 31, 1889.

Hon. D. LOWBER SMITH, Commissioner of Public Works:

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending March 31, 1889:

	Principal.	Penalties.	Taps.
January	\$100,742 65	\$719 85	\$746 50
February	63,988 93	487 65	440 50
March	113,923 25	1,053 30	930 50
Total	\$278,654 83	\$2,260 80	\$2,117 50
Total	\$283,033 13		

Deposit to the credit of "Water-meter Fund, No. 2"—

January	\$760 49
February	197 91
March	283 03
Total	\$1,241 43

"Special Fund—Repairing Streets"—

January	\$751 00
February	464 00
March	816 00
Total	\$2,031 00

Respectfully submitted,

J. H. CHAMBERS, Water Register.

## DEPARTMENT OF DOCKS.

At a meeting of the Board of Docks, held April 11, 1889.

Present—Commissioners Post, Matthews and Silliman.

The minutes of the meetings held April 2, 4 and 5, 1889, were read and approved.

The communication from Hunt & Donaldson, respecting obstructions at the bulkhead occupied by them south of Franklin street, North river, was,

On motion, laid on the table.

The following communications were received, read, and,

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

From Police Department—Reporting hole in bulkhead at Pier 51, East river. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Department of Public Works—Requesting the Department to provide berths for the Public Baths. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Department of Public Charities and Correction—Requesting repairs to the bulkhead opposite Bellevue Hospital. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Department of Public Parks—Desiring to be informed if the Department has in view any plan for the improvement of the water-front at Brook avenue, between One Hundred and Thirty-seventh street and the Harlem river, which would be likely to be interfered with by the closing of Brook avenue. Referred to the Engineer-in-Chief.

From Union Ferry Company—Requesting a three months' permit to repair ferry racks. The action of the President in issuing a permit was approved.

From Waverley Boat Club—Requesting permission to retain the piles driven around the boat-house at One Hundred and Fifty-sixth street, North river. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Mauller & Quereau—Requesting renewal of permit for tally-house on Pier 10, East river. Permit granted.

From New York Central and Hudson River Railroad Company—Requesting permission to dredge in slip at One Hundred and Forty-first street, Port Morris, East river. The action of the President in issuing a permit, was approved.

From G. Robitsek & Bros.—Requesting permission to drive piles on Mott Haven Canal, near One Hundred and Thirty-sixth street. The action of the President in issuing a permit, the work to be kept within existing lines, was approved.

From Union Steamboat Company—Requesting permission to maintain two derricks on the upper side of Pier 3, East river, and enclosing consent of the agent of the alleged owners of said pier. The action of the President in issuing a permit was approved.



From Knickerbocker Yacht Club—Requesting permission to drive twelve piles in Bronx Kills, near Port Morris, East river, to sustain float. Permit granted under the usual conditions.

From D. W. Bogert, Dock Master:

1st. Reporting settlement of platform north of Pier, new 21, North river. The action of the President in directing the Engineer-in-Chief to examine and repair was approved.

2d. Reporting hole in approach between Piers 12 and 13, North river. The action of the President in directing the occupants or lessees to repair, was approved.

From P. Curley, Dock Master—Reporting hole in approach to Pier, new 45, and repairs required to outer end of Pier, old 42, North river. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From D. W. Bogert, Acting Dock-master, Eleventh District—In reference to the application of Richard J. Sullivan, requesting the Board to give Michael McGirr a permit to load manure on scows, between One Hundred and Sixteenth and One Hundred and Seventeenth streets, Harlem river. The Secretary directed to send Mr. Sullivan a copy of the Dock Master's report.

From Charles H. Pendergast, Dock Master—Reporting that he had made arrangements for transferring the night soil boat from Pier 61, East river, to the bulkhead on the north side adjoining said pier. The Secretary directed to notify the Health Department.

From Engineer-in-Chief:

1st. Reporting assignment of employees to special duty.

2d. Reporting the amount of work done during the week ending April 6, 1889.

3d. Reporting repairs required to Pier at West Sixteenth street, North river. The action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, was approved.

4th. Reporting repairs required to Pier "C," foot of Fifty-ninth street, North river. The action of the President in notifying the New York Central and Hudson River Railroad Company to repair was approved.

5th. Reporting repairs required to south side of Pier foot of One Hundred and Thirty-first street, North river. The action of the President in notifying the Fort Lee Ferry Company, its successors or assigns, to repair was approved.

6th. Reporting non-commencement of repairs to bulkhead at Seventeenth street, East river and between Seventeenth and Eighteenth streets, East river. The Secretary directed to notify the alleged owner or owners that if the repairs are not commenced thereat within thirty days from service of notice, the said work will be done by this Department at their cost and expense.

7th. Reporting repairs to bulkhead north side of Corlears street, East river. The Secretary directed to send Henry A. Coe, executor, etc., a copy of the Engineer-in-Chief's report in relation to the repairs required, and advise that the repairs must be made in accordance therewith.

8th. Reporting completion of dredging at the south side of Pier, new 57, North river.

9th. Reporting non-commencement of repairs at Pier, new 38, North river, and Pier foot of Thirty-fifth street, North river. The Secretary directed to notify the said lessees to repair said Piers as heretofore ordered.

10th. Reporting non-commencement of repairs to Pier foot of Forty-third street, North river.

On motion, the order issued to the Knickerbocker Ice Company, September 13, 1888, was revoked.

11th. Reporting that repairs have not been made to Pier 55, East river, and the premises are daily becoming more dangerous. The President authorized to send a copy of said report to the Counsel to the Corporation.

12th. Reporting repairs required to bulkhead-platform foot of One Hundred and Thirtieth street, North river. The Engineer-in-Chief directed to repair, as recommended in his report, at a cost of about \$90.

13th. Report on Secretary's Order No. 7721, that it is not the intention of the Pennsylvania Railroad Company to repair the bulkhead-platform between Piers 4 and 5, North river, and recommending that the permit issued April 23, 1888, be revoked.

On motion, said permit was revoked.

14th. Report on Secretary's Order No. 8850, as to the amount of dredging required in the half slips extending from the north side of Pier, new 39, to the south side of Pier, new 41, North river, to make a depth of twenty-five feet and twenty-seven feet respectively, at mean low water, and recommending that the various lessees be directed to dredge to not less than twenty-five feet depth in the clear below mean low water, in the various half slips above mentioned.

On motion, the Secretary was directed to send the various lessees copies of the Engineer-in-Chief's report, and notify them to commence dredging within thirty days, to a depth of twenty-five feet, as recommended in said report.

15th. Report on Secretary's Order No. 8881, respecting the application of Homer Ramsdell for permission to place two scales on Pier, new 24, North river. The action of the President in issuing a permit, as recommended by the Engineer-in-Chief, was approved.

16th. Report on Secretary's Order No. 8890, in reference to the application of S. V. R. Cruger, Chairman Sub-Committee Army, Centennial celebration April 30, 1889, for Department's consent to allow the use of building situated at the foot of Sixteenth street, East river, for building fourteen large floats to be used in the Centennial celebration. The action of the President in sending Mr. Cruger copy of the Engineer-in-Chief's report was approved.

17th. Report on Secretary's Order No. 8888, that the necessary repairs have been made to the pavement on the northerly side of foot of Sixteenth street, East river, by some unknown parties.

18th. Report on Secretary's Order No. 8860, dredging required in the half slip south of Pier at the foot of Forty-sixth street, North river, to make a depth of twenty feet at mean low water. The Engineer-in-Chief directed to prepare specifications and form of contract for dredging thereat as recommended in his report.

19th. Report on Secretary's Order No. 5879, respecting Pier 37, East river.

20th. Report on Secretary's Order No. 8575, that he had directed and superintended repairing paving on the line of bulkhead at Pier, old 32, East river.

21st. Report on Secretary's Order No. 8607, that he had directed and superintended the running of a six-inch cast-iron drain-pipe for sewerage and drainage from elevator at the corner of Thirteenth avenue and West Eleventh street through the bulkhead opposite on Thirteenth avenue; also the running of two engine-pipes in the same manner through the bulkhead opposite, on West street; also the connecting of drain-pipe from roof at same point.

22d. Report on Secretary's Order No. 8669, that he had directed and superintended the repairing of bulkhead foot of One Hundred and Twenty-eighth street, Harlem river.

23d. Report on Secretary's Order No. 8697, that he had directed and superintended the erection of cable-house on east side of Second avenue, between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets, Harlem river.

24th. Report on Secretary's Order No. 8788, that he had directed and superintended the repairing of pavement alongside of backing log at bulkhead foot of Thirty-sixth street, East river.

25th. Report on Secretary's Order No. 8857, that he had repaired Pier, old 58, north of Blooming Id street, North river.

26th. Report on Secretary's Order No. 8858, that the order to repair bulkhead north of Gansevoort street, North river, is being done under Secretary's Order No. 8854.

27th. Report on Secretary's Order No. 8880, that he had removed centre iron mooring-post from the north side of Pier at West Twelfth street, North river.

The following preambles and resolution, were,

On motion, adopted.

Whereas, On March 15, 1889, the Board received estimates for building a new dumping-board on the Pier foot of East Thirty-eighth street, East river, and awarded the contract for doing said work to Gilbert Earl, he being the lowest bidder, subject to the approval of the sureties by the Comptroller of the City, and,

Whereas, The Hon. Theodore W. Myers, Comptroller, in a communication dated April 9, 1889, returned to this Department the proposal of Gilbert Earl for doing said work, without his approval of the adequacy and sufficiency of the sureties thereto, for the reason that Mr. Earl has not produced them as requested in three notices, and,

Whereas, By reason of the failure of Gilbert Earl to produce his sureties as requested by the Comptroller, he has become a defaulter to the Corporation of the City of New York, therefore,

Resolved, That the award made to Gilbert Earl, on March 15, 1889, for building a new dumping-board on the Pier foot of Thirty-eighth street, East river, under contract No. 299, be and hereby is canceled and annulled, and the Secretary be and hereby is directed to readvertise said contract in the papers designated by law, inviting estimates for doing said work, and be it further

Resolved, That the said Gilbert Earl and his sureties thereto, be and they hereby are informed that this Department will hold them jointly and severally responsible for any difference between the sum to which they would have been entitled upon the completion of such contract, and the sum which the Corporation of the City of New York may be obliged to pay to the person or persons to whom the contract may be subsequently awarded, as provided in said estimate.

The report of the Engineer-in-Chief on Secretary's Order No. 8848, that he had repaired the bulkhead-platform between Sixtieth and Sixty-first streets, and foot of Sixty-first street, East river, at a cost of \$345.59, was

On motion, ordered to be placed on file, and the following preambles and resolution adopted:

Whereas, It appears that notice was given on March 26, May 14, May 26, June 8 and June 30, 1888, and January 28 and February 7, 1889, to Cavanagh & Collins, lessees of the bulkhead-platform between Sixtieth and Sixty-first streets, and foot of Sixty-first street, East river, to repair the same, and said notices were not complied with after a reasonable period had been allowed for the commencement of the work;

And Whereas, Said work of repairing the premises referred to has been done by this Department, in accordance with the authority conferred upon it by Section 721 of the Consolidation Act of 1882, and Rule No. 10 of the Rules and Regulations of this Department, at a cost of \$345.59; therefore

Resolved, That a bill for the above amount be sent to the said Cavanagh & Collins, lessees, and demand for the payment of the same be made, with affidavit of personal service, and in case of

neglect of said Cavanagh & Collins to pay the amount in full within ten days from the presentation of the account, the claim be sent to the Counsel to the Corporation for collection.

On motion, the Engineer-in-Chief was directed to prepare plans, specifications and form of contract for paving the new-made land at Chambers Street Section.

The Treasurer, Commissioner Matthews, reported that Mr. S. C. Dubois, who is preparing 14 floats in the Department Yard at East Seventeenth street, for the use of the Army Committee of the Centennial Celebration, April 30, 1889, had deposited with him \$100 as security against any damage to buildings in said yard while constructing the floats thereat; the said amount to be returned when the Engineer-in-Chief of this Department reports that the alterations to the buildings necessary for said work have been replaced.

The communications from Hunt and Donaldson requesting lease of bulkhead south of Pier, new 24, North river, and respecting obstructions thereat, were,

On motion, taken from the table and ordered to be placed on file.

The Auditing Committee submitted an audit of two bills or claims amounting to \$229.58, which were approved and audited, and the Secretary directed to enter in full in the minutes, as follows:

No.	Name.	Amount.
10708.	James Matthews, Treasurer, incidentals.	\$113 46
	On Construction Account	\$113 46
10709.	James Matthews, Treasurer, incidentals.	\$116 12
	On Annual Expense Account.	\$116 12

#### RECAPITULATION.

1 Bill or Claim on Construction Account.	\$113 46
1 Bill or Claim on Annual Expense Account.	116 12
2 Bills or Claims, amounting to	\$229 58

Respectfully submitted,

JAMES MATTHEWS,

CHARLES A. SILLIMAN,

Auditing Committee.

The action of the President in transmitting said claims, with requisit ones for the amounts, to the Finance Department for payment, was approved.

The Treasurer, Commissioner Matthews, submitted his report of receipts for the week ending April 10, 1889, amounting to \$8,384.02, which was received and ordered to be spread in full on the minutes, as follows:

DATE.	FROM WHOM.	FOR WHAT.	AMOUNT.	TOTAL.	DATE DEPOSITED.
1889.					1889.
Apr. 5	C. P. Huntington.....	1 mos. rent Pier, new 46, N. R. ....	\$2,500 00		
" 5	J. A. Bostwick .....	1 qrs. rent Pier, new 36, E. R. ....	3,750 00		
" 8	New York, New Haven & Hartford R. R. Co. ....	1 qrs. rent pfm. bet. Piers 44 and 50, E. R. ....	\$250 00	\$6,250 00	Apr. 5
" 9	D. W. Bogert.....	Wharfage, District No. 2.....	36 93		
" 9	Patrick Carley.....	" 4.....	140 50		
" 9	Charles B. Husted .....	" 6.....	232 82		
" 9	Patrick J. Brady.....	" 8.....	159 61		
" 9	Joseph B. Erwin.....	" 10.....	201 19		
" 9	John J. Ryan.....	" 12.....	87 73		
" 9	Charles H. Thompson.....	" 1.....	62 72		
" 9	Edward Abeel.....	" 3.....	427 29		
" 9	Charles H. Pendergast.....	" 5.....	71 67		
" 9	Charles Hutchinson.....	" 7.....	115 64		
" 9	George A. Dearborn.....	" 9.....	38 65		
" 9	D. W. Bogert, acting.....	" 11.....	47 00	1,868 35	Apr. 9
" 9	Maine S. Co.....	8 mos. rent l. u. w., west side, Pier 38, E. R. ....	265 67	265 67	Apr. 9
			\$8,384 02	\$8,384 02	

Respectfully submitted,

JAMES MATTHEWS, Treasurer.

On motion, the Board adjourned.

G. KEMBLE, Secretary.

At an executive meeting of the Board of Docks, held April 12, 1889.

Present—Commissioners Post, Matthews and Silliman.

The following communications were received, read, and,

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

From Henry P. Havens—Respecting berth for schooner, "Lehman Blue."

From Old Dominion Steamship Company—Requesting permission to plank roadway north and south of Pier, new 26, North river. Permit granted under the usual conditions.

From Houston, West street and Pavonia Ferry Railroad Company—Requesting permission to connect drain-pipe with permanent sewer foot of Chambers street, North river. Permit granted under the usual conditions.

From Joseph Jenks and Brothers—Requesting permit to place tally-house on Pier, new 24, North river, and enclosing consent of the lessees. Permit granted.

From George A. Dearborn, Dock Master—Reporting repairs required to Piers at Eighty-sixth street, East river. The Engineer-in-Chief directed to repair, if necessary.

From Chas. B. Husted, Dock Master—Repairs required to bulkhead at Gansevoort street and Pier at Nineteenth street, North river. The Engineer-in-Chief directed to examine and repair, necessary.

From Engineer-in-Chief:

1st. Recommending that F. C. Gates be appointed Blacksmith in the service of the Department, with compensation at the rate of forty cents per hour.

On motion, his recommendation was adopted and the said F. C. Gates appointed.

2d. Reporting leak in sewer-box under Pier, old 42, North river. The Engineer-in-Chief directed to repair, as recommended in his report.

3d. Report on Secretary's order No. 8822 in reference to the application of the Western Stock Yard Company, as to dredging required at the north side of Pier foot of West Fortieth street, North river. The Engineer-in-Chief directed to prepare specifications and form of contract for dredging on the north side of said pier, from the established bulkhead-line as recommended in his report, was approved.

4th. Report on Secretary's Order No. 8859, repairs required to pavement on new-made land at bulkhead adjoining Pier, new 43, North river. The Engineer-in-Chief directed to repair as recommended in his report was approved.

On motion, the Engineer-in-Chief was directed to build a stand on the surface of deck of Pier "A," North river, for use at auction sale of leases on the 18th instant.

The appointment of C. W. Staniford, Assistant Surveyor, was, in accordance with Rule No. 36 of the Civil Service Regulations, made permanent.

The following were appointed:

John T. L. Doughty.

Bernard Iggoe.

Joseph Kyle.

On motion, the Board adjourned.

Laborers.

Archibald B. Thompson.

Ship Carpenters.

Thomas Floyd.

G. KEMBLE, Secretary.



## POLICE DEPARTMENT.

The Board of Police met on the 23d day of April, 1889.  
Present—Commissioners French, McClave, Voorhis and MacLean.

*Leaves of Absence Granted.*

Surgeon M. Williams, two days.  
Detective Sergeant William F. Cosgrove, Detective Squad, three days, half pay.  
Patrolman John F. Tappan, Central Office, two days, half pay.  
" John A. Finnan, Twenty-seventh Precinct, three days, half pay.

*Contagious Disease Reports Ordered on File.*

Surgeon Dexter—In family of Patrolman Michael Dolan, Twenty-first Precinct.  
" Wood—In family of Patrolman John O'Neill, Twenty-fifth Precinct.  
" Steinert—In family of Patrolman Samuel Finnegan, Twenty-ninth Precinct.

Application of Brokaw Bros. for appointment of Thomas Albers as Special Patrolman was referred to the Superintendent for report.

Application of Colonel Charles D. Gaether, Fifth Regiment, Maryland, for permit to parade on Sunday, 28th instant, was referred to the Chief Clerk to answer.

Application of James C. Reid, United States Shipping Commissioner, for retention of officers now detailed at the Barge Office, on the 29th instant, was referred to the Superintendent for such action as he may deem proper.

Application of Patrolman Ballester, Twenty-fifth Precinct, for promotion, was referred to the Board of Examiners for citation.

*Communications Ordered on File.*

Comptroller—Notice of meeting of Sinking Fund Commissioners, relative to new municipal building.

General Butterfield, Grand Marshal Industrial Parade—Relative to removal of street obstructions.

C. H. Hankinson—Relative to trial of Patrolman James Lawler, Twenty-fifth Precinct.

Communication from Wm. M. Beard and others, relative to meritorious conduct of Patrolman Christopher Rabbett, Thirty-first Precinct, was referred to the Superintendent for report.

Weekly financial statement of the Comptroller was referred to the Treasurer.

Communication from Phelps, Dodge & Co., relative to case of Patrolman Frederick Hollenbeck, Eighth Precinct, was referred to Commissioner Voorhis.

Communication from C. W. Woolsey, Chairman Committee Merchant Marine, relative to steamboat "Patrol," and its position in the Naval parade, was referred to the Chief Clerk.

Resolved, That the Board of Estimate and Apportionment be and is hereby respectfully requested to transfer the sum of \$875 from the appropriation made to the Police Department for the year 1889, entitled "Police Fund—Salaries of the Chief Clerk, First and Second Deputy Clerks, Deputies, Stenographers, etc.," which is in excess of the amount required for the purposes and objects thereof, to the appropriation made to the same Department for 1889, entitled "Salaries of Provisional Employment," which is insufficient, to enable the Treasurer to pay the salary of George H. Loughlin, Jr., appointed on probation for six months as Inspector and Custodian of the Bureau of Clothing and Equipment.

Resolved, That the pay-rolls of the Police Department and force, and of the Central Department, for the month of April, 1889, when properly audited and approved, be and are hereby ordered to be paid by the Treasurer—all aye.

Resolved, That the bill of Isaac A. Hopper—\$8,595.86—fifth payment on contract to build new station-house for Thirtieth Precinct, be and is hereby ordered to be paid by the Treasurer—all aye.

*Pension Granted—All Aye.*

Isabella Waters, widow of Thomas Waters (late Patrolman), \$300 per year, from May 1, 1889.

Resolved, That the certificate of immediate official superiors, and of this Board, in the case of Roundsman Charles J. Ryan, Twenty-sixth Precinct, be forwarded to the Secretary of the Civil Service Examining Board, in order that said officer may be examined as to his fitness for promotion.

Resolved, That Garrett J. Healy and William A. Knapp be granted a re-examination by the Surgeons.

Resolved, That the Committee of Surgeons be directed to examine the following applicants for appointment as Patrolman:

Joseph Reiser.	William Kennel.
David J. Mallen.	Michael Fogarty.
Martin Lodge.	Adolph Wasserman.
Henry Resmeyer.	Thomas Prunty.
Frank P. Austin.	Frederick Trodler.
Dennis Keating.	Fred. C. Ackerman.
Theo. Anderson.	Fred. H. Schmale.
James Barry.	Timothy C. Reardon.
Peter W. Kelley.	Albert Smith.
Michael Welch.	David A. Howard.
James H. Smith.	

*Advanced to Second Grade.*

Patrolman John H. Lyons, Second Precinct, April 21, 1889.

*Employed as Probationary Patrolmen.*

Thomas F. Brennan.	Richard Manning.
Peter H. Felton.	Michael Breen.
William G. Kelley.	Patrick Finn.
William H. King.	Harry Munson.
Walter T. Thompson.	Henry Michaels.
Thomas J. Donovan.	Bernard Murphy.

Resolved, That the return in the case of John H. Winchell be verified by the signatures of the President and Chief Clerk and forwarded to the Counsel to the Corporation.

Resolved, That the matter of extra and special telegraph communication for the use of the Superintendent on occasion of the Centennial parades be referred to the Committee on Repairs and Supplies, with power.

Adjourned.

WM. H. KIPP, Chief Clerk.

## DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING—CITY OF NEW YORK,  
Nos. 49 AND 51 CHAMBERS STREET,  
NEW YORK, April 19, 1889.

In accordance with the provisions of section 51, chapter 410 of the Laws of 1882, the Commissioner of Street Cleaning makes the following abstract of the transactions of this Department for the week ending April 14, 1889:

*Streets Swept.*

By Department forces	Miles
By contract—	595.556
Lower Broadway	15.000
First Street-Cleaning District	202.601
Second Street-Cleaning District	321.134
Total	538.735
	1,134.291

*Material Collected.*

By Department forces	Ashes and Garbage.	Street Sweepings.	Total Loads.
	13,069	4,751	17,820

By contract—			
First Street-Cleaning District	2,269	1,010	3,279
Second Street-Cleaning District	3,692	1,775	5,467
Lower Broadway		50	50
On permit—			
Bureau of Markets	243		243
Departments of Public Works and Public Parks		357	357
Manufacturers (boiler ashes, etc.)	4,245		4,245
Totals	23,518	7,943	31,461

*Final Disposition of Material.*

At sea and behind bulkheads—	Loads.	
33 dumpers at sea	13,069	
11 deck scows at sea	4,579	
12 deck scows at Gowanus	4,312	
6 deck scows at Morris Canal Basin	2,517	
2 deck scows at Pier 1, Jersey City	784	
1 deck scow at Harlem	421	
		25,682
In lots for filling in, fertilizing, etc.—		
At One Hundred and Fortieth street and Fifth avenue	871	
At One Hundred and Forty-first street and Boulevard	410	
At various places	1,210	
For fertilizing	412	
		2,903
Total disposition		28,585
Material remaining on scows		2,876
Total collection		31,461

*Appointments.*

John Collins, Boardman, Forty-sixth street, East river.  
John Hamilton, Department Cart Driver.  
F. McCausland, Department Cart Driver.  
Martin Ryan, Hired Cart, Twenty-first Precinct.  
John Gray, Laborer, Twenty-sixth Precinct.  
James Meehan, Hired Cart, Thirtieth Precinct.

*Transfer.*

James Lahey, Hired Cart, Thirtieth to Twenty-seventh Precinct.

*Resigned.*

R. Somerville, Hired Cart, Thirtieth Precinct.

*Bids for Feed.*

John E. Connolly, approved	\$534 13
John H. Ostrum	538 50
Horace Ingersoll	541 80
T. P. Huffman & Co.	551 88
W. J. Holmes	566 45

*Bills Audited*

—and transmitted to the Finance Department:

Schedule No. 16—	
American District Telegraph Co., messenger service	\$8 05
Bucki & Co., C. L., lumber	107 97
Consolidated Gas Co., gas at stables	79 25
Canda & Kane, sand and lime	54 75
Connolly, John E., feed	507 93
Dillon, James, hired horses	538 50
Early & Co., John, globes, handles, etc.	27 63
Emigrant Industrial Savings Bank, rent of office	333 33
Horne, R. W., disbursements	55 93
Hill, Thomas, cart bearers	30 00
Hastorf, A. H., hired scows	155 00
Hamill, James, veterinary	74 00
Howell, Alex. J., hired scows	465 00
Heipershausen Bros., proprietors "Three Brothers," extra towing	472 00
Huffman & Co., T. P., feed	523 40
Kelly Bros., carriage-hire	55 00
Moran, Michael, extra towing	350 00
Naughton, James, carriage-hire	11 75
Shewan, James, repairs to scow 41	117 00
Scott, J. & W., ice	2 21
Terrell & Vroom, making shelf for office	6 00
Thwaites & Co., George, bow and head lights	25 50
The Communipau Coal Co., coal, tug "Dassori"	673 30
The Communipau Coal Co., coal, tug "Municipal"	641 00
Young, C. G., agent, proprietor "Mischief," extra towing	10 00
Total	\$5,324 50

—chargeable to appropriation for 1889, as follows:

"New Stock"	\$22 65
"Sweeping"	740 12
"Carting"	1,027 28
"Final Disposition"	2,982 93
"Rentals and Contingencies"	551 52
Total	\$5,324 50

*Public Moneys Collected.*

—and transmitted to the City Chamberlain:

For trimming scows	\$1,096 70
--------------------	------------

J. S. COLEMAN, Commissioner of Street Cleaning.

## APPROVED PAPERS.

Resolved, That permission be and the same is hereby given to the property-owners on the east side of Railroad avenue, from One Hundred and Fifty-eighth to One Hundred and Sixty-first street, to regulate, grade, set curb-stones and flag sidewalks a space four feet wide through the centre thereof, on the easterly side, the work to be done at their own expense, under the direction of the Commissioners of the Department of Public Parks.

Adopted by the Board of Aldermen, April 2, 1889.

Approved by the Mayor, April 15, 1889.

Resolved, That permission be and the same is hereby given to Martha J. Downing to place and keep two ornamental lamp-posts and lamps on the sidewalk, near the curb-line, in front of her premises, No. 67 East Tenth street, provided the lamps be lighted every night during the hours and for the full time that the public lamps maintained by the city are kept lighted, the work to be done and gas supplied at her 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, April 2, 1889.

Approved by the Mayor, April 15, 1889.

Resolved, That permission be and the same is hereby given to Henry Schnepps to place a lamp on the unused city lamp-post in front of his premises, No. 626 Eighth avenue, provided the lamp be lighted every night during the hours and for the full time that the public lamps maintained by the city are kept lighted, 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, April 2, 1889.

Approved by the Mayor, April 15, 1889.



Resolved, That permission be and the same hereby is given to the owners and occupants of buildings located on the route of the procession commemorating the Centennial of the Inauguration of George Washington as President of the United States, April 30 and May 1, 1889, to place platforms inside the stoop-lines in front of their respective buildings from which to view the procession, on condition that no charge or fee shall be charged for admission to such platforms; that such platforms shall be erected or constructed at the expense of such owners or occupants, under the supervision and direction of the Superintendent of Buildings, who shall have power to issue such permits; that the Corporation of the City of New York shall be held harmless from any loss or damage that may occur or arise from the exercise of the privilege hereby granted, or any portion or part thereof; and that the permission given shall continue only from the 28th of April to the 3d day of May, 1889.

Adopted by the Board of Aldermen, April 16, 1889.  
Approved by the Mayor, April 17, 1889.

Resolved, That the small room adjoining the room now occupied by the reporters of the press, recently vacated by the Judges of the City Court, be and is hereby assigned for the use of the Clerk of the Common Council.

Adopted by the Board of Aldermen, April 16, 1889.  
Approved by the Mayor, April 17, 1889.

## EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,  
NEW YORK, February 1, 1889.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J. GRANT, Mayor.

## 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 4 P. M.; Saturdays, 10 A. M. to 12 M.

HUGH J. GRANT, Mayor. THOMAS C. T. CRAIN, Secretary and Chief Clerk.

#### Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.  
DANIEL ENGELHARD, First Marshal.  
FRANK FOX, Second Marshal.

### COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
MAURICE F. HOLAHAN, EDWARD P. BARKER.

### AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.  
JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FIELEY, Chief Engineer; J. C. LULLEY, Auditor.

### BOARD OF ARMY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.  
Address M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

### COMMON COUNCIL.

#### Office of Clerk of Common Council.

No. 8 City Hall, 9 A. M. to 4 P. M.  
JOHN H. V. ARNOLD, President Board of Aldermen.  
FRANCIS J. TWOMEY, Clerk Common Council.

#### City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.  
WILLIAM H. RUDE, City Librarian.

### DEPARTMENT OF PUBLIC WORKS.

#### Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
D. LOWERY SMITH, Commissioner; ———, 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.  
WM. M. DEAN, Superintendent.

#### Engineer-in-Charge of Sewers.

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

#### Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
WILLIAM G. BERGEN, Superintendent.

#### Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
ALSTON G. CULVER, 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. BARCOCK, Superintendent.

#### Bureau of Incumbances.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
JOHN RICHARDSON, Superintendent.

#### Keeper of Buildings in City Hall Park.

MARTIN J. KESE, City Hall.

### FINANCE DEPARTMENT.

#### Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
THEODORE W. MYERS, 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.  
WILLIAM J. LYON, First Auditor.  
DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.  
Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.  
No money received after 2 P. M.

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.  
JAMES DALY, Collector of the City Revenue and Superintendent of Markets.  
GRAHAM MCADAM, Chief Clerk.  
No money received after 2 P. M.

#### Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.  
GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.  
No money received after 2 P. M.

#### Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
RICHARD CROKER, City Chamberlain.

#### Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.  
JOHN H. TIMMERMAN, 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.

HENRY K. BECKMAN, 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.  
RICHARD J. MORRISON, 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 CORRECTION.

#### Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.  
THOMAS S. BRENNAN, President; GEORGE F. BRITTON, Secretary.

Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.  
Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.

Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

### FIRE DEPARTMENT.

Office hours for all, except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, 12 M.

#### Headquarters.

Nos. 157 and 159 East Sixty-seventh street.  
HENRY D. PURROY, 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.

JAMES MITCHELL, Fire Marshal.

#### Bureau of Inspection of Buildings.

THOMAS J. BRADY, Superintendent of Buildings.

#### Attorney to Department.

WM. L. FINDLEY.

#### Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent.

Central Office 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.

Ninety-ninth street, between Ninth and Tenth avenues.

JOSEPH SHEA, Foreman-in-Charge.

Open at all hours.

### HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.

JAMES C. BAYLES, President; EMMONS CLARK, Secretary.

### DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.

J. HAMPDEN ROBB, President; CHARLES DE F. BURNS, Secretary.

#### Office of Topographical Engineer.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

### DEPARTMENT OF DOCKS.

Battery, Pier A, North river.

EDWIN A. POST, President; G. KEMBLE, Secretary.

Office hours, from 9 A. M. to 4 P. M.

### DEPARTMENT OF TAXES AND ASSESSMENTS.

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.

MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.

Office Bureau Collection of Arrears of Personal Taxes

No. 53 Chambers street, Room 41, 9 A. M. to 4 P. M.  
CHARLES S. BEARDSLEY, Attorney; SAMUEL BARRY, Clerk.

### DEPARTMENT OF STREET CLEANING.

49 and 51 Chambers street. Office hours, 9 A. M. to 4 P. M.  
JAMES S. COLEMAN, Commissioner; ALBERT H. ROGERS, Deputy Commissioner; R. W. HORNER, Chief Clerk.

### CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.  
JAMES THOMSON, Chairman of the Supervisory Board; GUNTHER K. ACKERMAN, Secretary and Executive Officer.

### BOARD OF ESTIMATE AND APPORTIONMENT.

Office of Clerk, Staats Zeitung Building, Room 5.  
The MAYOR, Chairman; CHARLES V. ADDE, Clerk.

### BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.  
EDWARD GILON, Chairman; WM. H. JASPER, Secretary.

### BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.  
CHARLES H. WOODMAN, President; GEORGE H. GALE, Secretary and Chief Clerk.

### SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.  
JAMES A. FLACK, Sheriff; THOMAS F. GILROY, Under Sheriff; BERNARD F. MARTIN, Order Arrest Clerk.

### REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.  
JAMES J. SLEVIN, Register; JAMES J. MARTIN, Deputy Register.

### COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
CHARLES REILLY, 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.  
EDWARD F. REILLY, County Clerk; P. J. SCULLY, Deputy County Clerk.

### DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
JOHN R. FELLOWS, District Attorney; JAMES McCABE, Chief Clerk.

### THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.  
No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M.

WILLIAM G. McLAUGHLIN, Supervisor; R. P. H. ABELL, Bookkeeper.

### 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.  
MICHAEL J. B. MESSEMER, FREDERICK LEVY, DANIEL HANLY, LOUIS W. SCHULTZ, Coroners; EDWARD F. REYNOLDS, Clerk of the Board of Coroners.

### SUPREME COURT.

Second floor, New County Court-house, opens at 10.30 A. M.

CHARLES H. VAN BRUNT, Presiding Justice; EDWARD F. REILLY, Clerk; P. J. SCULLY, Deputy County Clerk.

General Term, Room No. 9, WILLIAM LAMU, Jr., Clerk.

Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk.

Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk.

Chambers, Room No. 11, WALTER BRADY, Clerk.

Circuit, Part I., Room No. 12, ———, Clerk.

Circuit, Part II., Room No. 14, JOHN B. MCGONDRICK, Clerk.

Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.

Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk.

Judges' Private Chambers, Rooms Nos. 19 and 20, SAMUEL GOLDBERG, Librarian.

### 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, 9 A. M. to 4 P. 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.

RICHARD L. LARREMORE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

### COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court open at 11 o'clock A. M.

FREDERICK SMYTH, Recorder; RANDOLPH B. MARTINE, HENRY A. GILDERLEVE 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.

Specia. 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; MICHAEL T. DALY, Clerk.

### OYER AND TERMINER COURT.

New County Court-house, second floor, southeast corner, Room No. 12. 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.



# PROPOSALS FOR \$1,500,000 CONSOLIDATED STOCK OF THE CITY OF NEW YORK.

SECURED BY THE SINKING FUND, PAYABLE IN FORTY YEARS—REDEEMABLE IN TWENTY YEARS.

## EXEMPT FROM TAXATION.

INTEREST TWO AND ONE-HALF PER CENT. PER ANNUM.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Comptroller of the City of New York, until Tuesday, the 7th day of May, 1889, at 2 o'clock P. M., when they will be publicly opened by him in the presence of the Commissioners of the Sinking Fund, or such of them as shall attend, for One Million Five Hundred Thousand Dollars.

## REGISTERED CONSOLIDATED STOCK OF THE CITY OF NEW YORK.

Authorized by sections 132 and 134 of the New York City Consolidation Act of 1882, and issued under a resolution of the Board of Estimate and Apportionment adopted March 29, 1889, in pursuance of chapter 79, Laws of 1889, for the payment of the damages awarded by the Commissioners of Estimate, and the expenses, disbursements and charges in the proceedings for laying out public places and parks and parkways in the Twenty-third and Twenty-fourth Wards of the City of New York, and in the adjacent district in Westchester County, and the taking of the lands for the same, under the provisions of chapter 522, Laws of 1884.

This stock will be payable November 1, 1909, and redeemable at the pleasure of the Commissioners of the Sinking Fund on and after November 1, 1909, and bear interest at the rate of two and one-half per cent. per annum, payable semi-annually on the first day of May and November in each year. It will be a charge upon and will be redeemed and paid from the Sinking Fund for the Redemption of the City Debt, and pursuant to section 137 of said Consolidation Act and an ordinance of the Common Council of the City of New York, passed October 2, 1880, and a concurrent resolution adopted by the Commissioners of the Sinking Fund, March 30, 1889, said stock will be

## EXEMPT FROM CITY AND COUNTY TAXATION.

Public attention is called to an act (chapter 65) passed by the Legislature of the State of New York, March 14, 1889, making it lawful for executors, administrators, guardians and trustees and others holding trust funds for investment, to invest the funds so held by them in trust in the bonds or stocks of the City of New York or any of the cities of this State issued pursuant to the authority of any law of this State.

## CONDITIONS.

Section 146 of the 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 stock 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 stock awarded to them at its par value, together with the premium thereon, within three days after notice of such acceptance.

Proposals will be received for said stock in sums of one thousand dollars or multiples thereof, for the whole or any part of the amount of the issue.

The proposals should be enclosed in a sealed envelope, indorsed Proposals for Stock, and each proposal should also be enclosed in a second envelope, addressed to the Comptroller of the City of New York.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK, FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, April 25, 1889.

## INTEREST ON CITY BONDS AND STOCKS.

THE INTEREST DUE MAY 1, 1889, ON THE Registered Bonds and Stocks of the City and County of New York will be paid on that day by the Comptroller, at the office of the City Chamberlain, Room 27, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books will be closed from March 30 to May 1, 1889.

The interest due May 1, 1889, on the Coupon Bonds and Stocks of the City of New York, will be paid on that day at the Western National Bank, Equitable Building, No. 120 Broadway.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 19, 1889.

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,  
STEWART BUILDING, ROOM 35, March 9, 1889.

NOTICE OF THE SALE OF LANDS AND TENEMENTS for unpaid taxes of 1883, 1884 and 1885, and Croton water rents of 1882, 1883 and 1884, under the direction of Theodore W. Myers, Comptroller of the City of New York.

The undersigned hereby gives public notice, pursuant to the provisions of section 26 of the New York City Consolidation Act of 1882—

That the respective owners of all lands and tenements situated in the Wards Nos. 1 to 24, inclusive, in the City of New York, on which taxes have been laid and confirmed for the years 1883, 1884 and 1885, and are 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 years 1882, 1883 and 1884, and are now remaining due and unpaid, are required to pay the said taxes and Croton water rents so remaining due and unpaid, with the interest thereon at the rate of seven 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, to the Collector of Assessments and Clerk of Arrears at his office in the Finance Department, in the Stewart Building, corner of Broadway and Chambers street, in said city.

And that 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, June 10, 1889, 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.

## CORPORATION SALE OF REAL ESTATE.

### TWELFTH WARD.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of the City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction, on Tuesday, the 7th day of May, 1889, at noon, at the Real Estate Exchange and Auction Room (Limited), Nos. 59 to 65 Liberty street, certain unimproved lots of land belonging to the Corporation of the City of New York, in the Twelfth Ward of said city, on the line of the Old Croton Water Aqueduct, to wit:

Two lots, south side Ninety-ninth street, Block No. 1025, Ward Nos. 37, 38, each 25 feet front and 100 feet 11 inches deep.

Two lots, south side One Hundred and First street, Block No. 1027, Ward Nos. 37, 38, each 25 feet front and 100 feet 11 inches deep.

Two lots, north side One Hundred and First street, Block No. 1028, Ward Nos. 27, 28, each 25 feet front and 100 feet 11 inches deep.

Two lots, south side One Hundred and Second street, Block No. 1028, Ward Nos. 37, 38, each 25 feet front and 100 feet 11 inches deep.

Two lots, north side One Hundred and Second street, Block No. 1029, Ward Nos. 27, 28, each 25 feet front and 100 feet 11 inches deep.

### TERMS AND CONDITIONS OF SALE.

The highest bidders will be required to pay ten (10) per cent. of the purchase money and the auctioneer's fee on each lot immediately after the sale; thirty (30) per cent. upon the delivery of the deeds, within thirty days from the date of sale; and the balance, sixty (60) per cent. of the purchase money, or any portion thereof, may remain, at the option of the purchaser, on bond and mortgage, for five years, with interest at the rate of six per centum per annum, payable semi-annually, the mortgages to contain the customary thirty days' interest and ninety days' tax clauses.

The bond and mortgage may be paid off at any time within the term thereof on giving thirty days' notice to the Comptroller, or it may be paid by installments of not less than five hundred dollars, on any day when the interest is due, or on thirty days' notice. The bonds and mortgages will be prepared by the Counsel to the Corporation, and the sum of twelve dollars and fifty cents will be charged for drawing, acknowledging and recording each separate mortgage. If more than one lot of land is included in any mortgage, the whole mortgage will be paid off before any release can be given by the Corporation, as a release of any part of the premises included in a mortgage to the Corporation is forbidden by law.

The Comptroller may, at his option, resell any lot which may be struck off to the highest bidder who may fail to comply with the terms of sale, and the party who may fail to comply therewith will be held liable for any deficiency that may result from any such resale.

The right to reject any bid is reserved.

Lithographic Maps of said real estate may be had at the Comptroller's Office, Stewart Building, No. 280 Broadway, after April 4, 1889.

By order of the Commissioners of the Sinking Fund under a resolution adopted at a meeting of the Board held March 12, 1889.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK, FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 26, 1889.

## 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 1887, 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..... 50 00  
Complete sets, folded, ready for binding..... 15 00  
Records of Judgments, 25 volumes, bound..... 10 00  
Orders should be addressed to "Mr. Stephen Angell, Room 23, Stewart Building."

THEODORE W. MYERS,  
Comptroller.

## AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONERS' OFFICE,  
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,  
NEW YORK, April 22, 1889.

## NOTICE OF SALE AT PUBLIC AUCTION.

ON MONDAY, APRIL 29, 1889, AT TWO o'clock, P. M., the Aqueduct Commissioners will sell at public auction to the highest bidder, at the office of Division Engineer, George E. Burbank, at Brewster's, New York, the property hereinafter described.

The bidder or bidders to whom said property shall be sold will be required to pay ten per cent. of the amount bid at the time of sale, and the balance is to be paid within 48 hours thereafter; and the parties to whom any of said property shall be sold will be required to remove the same from the premises within 15 days thereafter, otherwise the Aqueduct Commissioners reserve the right to remove or destroy the same.

The property to be sold is described and located on the Aqueduct Commissioners' map of lands for Double Reservoir I, on the East Branch of the Croton river, in the Town of South East, Putnam County, New York, as follows:

A small house on south end of Parcel No. 4, near Parcel No. 5; one dwelling-house, one tenement-house, one barn, one old building, an old tannery, an old cider-mill, located on Parcel No. 6; one dwelling-house, one barn, one saw and grist mill, on Parcel No. 8; one old dwelling-house on Parcel No. 9; and an old shed on Parcel No. 11.

By order of the Aqueduct Commissioners,  
JAMES C. DUANE,  
President.

JOHN C. SHEEHAN,  
Secretary.

AQUEDUCT COMMISSIONERS' OFFICE,  
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,  
NEW YORK, April 19, 1889.

## TO CONTRACTORS.

BIDS OR PROPOSALS FOR FURNISHING sixteen 3 by 6 foot sluice Gates, with the necessary lifting machinery, required at the New Croton Gate-house, on Section 1 of the New Aqueduct, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, will be received at this office until 3 o'clock P. M. on WEDNESDAY, MAY 8, 1889, at which place and hour they will be publicly opened by the Aqueduct Commissioners, and the award for doing said work will be made by said Commissioners as soon thereafter as possible.

Blank forms of said contract and specifications, together with bids or proposals and proper envelopes for their inclosure, and all other information, can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners,  
JAMES C. DUANE,  
President.

JOHN C. SHEEHAN,  
Secretary.

## 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 2815, No. 1. Sewer in Avenue St. Nicholas, between One Hundred and Twenty-sixth street and a point 469 feet north of One Hundred and Thirtieth street, with connection to existing sewer in One Hundred and Twenty-sixth street.

List 2833, No. 2. Sewers in Avenue St. Nicholas and Edgecombe road, between One Hundred and Thirtieth and One Hundred and Thirty-sixth streets.

List 2871, No. 3. Paving Manhattan avenue, from One Hundred and Sixteenth street to St. Nicholas avenue, with granite blocks.

List 2908, No. 4. Sewer in Madison avenue, between Ninety-fourth and One Hundred and Third streets, and in One Hundredth street, between Fifth and Madison avenues.

List 2919, No. 5. Paving One Hundred and Forty-eighth street, from Willis to St. Ann's avenue, with granite blocks.

List 2946, No. 6. Regulating, grading, curbing and flagging One Hundred and Eighth street, from Ninth avenue to the Boulevard.

List 2947, No. 7. Flagging both sides of Ninety-eighth street, from the Boulevard to West End avenue.

List 2949, No. 8. Flagging and reflagging both sides of Ninety-first street, from Eighth to Ninth avenue.

List 2950, No. 9. Curbing and reflagging, flagging and reflagging, south side of One Hundred and Thirty-third street, from Lenox to Seventh avenue.

List 2956, No. 10. Paving Ninety-third street, from Fourth to Fifth avenue, with granite blocks.

List 2964, No. 11. Regulating, grading, curbing and flagging Eighty-ninth street, from Tenth avenue to the Boulevard.

List 2965, No. 12. Regulating, grading, curbing and flagging One Hundred and Forty-ninth street, from Eighth avenue to the first new avenue west.

List 2966, No. 13. Regulating, grading, curbing and flagging One Hundred and Thirtieth street, from Eighth to St. Nicholas avenue.

List 2969, No. 14. Sewer in South street, between Roosevelt street and Peck Slip, and connections with existing sewers in Peck Slip and Dover street.

List 2976, No. 15. Sewer in Madison avenue, between One Hundred and Thirty-fifth and One Hundred and Thirty-sixth streets.

List 2977, No. 16. Sewer in West street, between Murray and Jay streets, connecting with sewer constructed by Department of Docks through Pier 21, with alterations and improvements to existing sewers in Murray, Warren, Chambers, Duane and Jay streets.

List 2988, No. 17. Paving Eighty-third street, from First avenue to Avenue A, with granite blocks.

List 2991, No. 18. Laying crosswalk across One Hundred and Twenty-third street, at the easterly side of Seventh avenue.

List 2994, No. 19. Curbing and flagging both sides of One Hundred and Eighteenth street, from Seventh to Eighth avenue.

List 2996, No. 20. Curbing and reflagging, flagging and reflagging, both sides of One Hundred and Fifteenth street, from Second to Third avenue.

List 2997, No. 21. Curbing and reflagging, flagging and reflagging, south side of One Hundred and Twenty-fifth street, from Second to Third avenue.

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

No. 1. East side of Avenue St. Nicholas, extending half way to Eighth avenue, from One Hundred and Twenty-sixth street to a point distant about 469 feet north of One Hundred and Thirtieth street; west side of Avenue St. Nicholas, from One Hundred and Twenty-eighth street to a point distant about 325 feet north of One Hundred and Thirtieth street; both sides of Academy place; and One Hundred and Twenty-eighth street, from Avenue St. Nicholas to One Hundred and Thirtieth street; and north side of One Hundred and Thirtieth street, opposite Academy place, on lots known as Block 642, Ward Nos. 3 to 8 inclusive.

No. 2. East side of Avenue St. Nicholas, from One Hundred and Thirty-third to One Hundred and Thirty-fifth street; and east side of Edgecombe road, from One Hundred and Thirty-fifth to One Hundred and Thirty-sixth street.

No. 3. Both sides of Manhattan avenue, from One Hundred and Sixteenth street to St. Nicholas avenue, and to the extent of half the block at the intersecting streets and avenues.

No. 4. Both sides of Madison avenue, from Ninety-fourth to One Hundred and Third street; both sides of Ninety-fifth street, from Park to Madison avenue; both sides of Ninety-sixth and Ninety-seventh streets, from Park to Madison avenue, and both sides of Ninety-seventh, Ninety-eighth, Ninety-ninth, One Hundredth, One Hundred and First and One Hundred and Second streets, from Madison to Fifth avenue.

No. 5. Both sides of One Hundred and Forty-eighth street, from Willis to St. Ann's avenue, and to the extent of half the block at the intersecting avenues.

No. 6. Both sides of One Hundred and Eighth street, from Ninth avenue to the Boulevard, and to the extent of half the block at the intersecting avenues.

No. 7. Both sides of Ninety-eighth street, from the Boulevard to West End avenue.

No. 8. Both sides of Ninety-first street, from Eighth to Ninth avenue.

No. 9. South side of One Hundred and Thirty-third street, from Lenox to Seventh avenue.

No. 10. Both sides of Ninety-third street, from Fourth to Fifth avenue, and to the extent of half the block at the intersecting avenues.

No. 11. Both sides of Eighty-ninth street, from Tenth avenue to the Boulevard, and to the extent of half the block at the intersecting avenues.

No. 12. Both sides of One Hundred and Forty-ninth street, from Eighth avenue to the first new avenue west, and to the extent of half the block at the intersecting avenues.

No. 13. Both sides of One Hundred and Thirtieth street, from Eighth avenue to Avenue St. Nicholas, and to the extent of half the block at the intersecting avenues.

No. 14. Commencing at the northwest corner of Roosevelt and South streets; thence westerly and including the north side of South street to Dover street; thence along and including both sides of Dover street to Pearl street; thence northerly along Pearl street to Duane street; thence westerly along Duane street to Park Row; thence along Park Row and including a part of City Hall Park to Nassau street; thence along Nassau street to Beekman street; thence southerly along Beekman street to William street; thence along William street to Fulton street; thence along Fulton street to Gold street; thence in a diagonal direction to Cliff and Beekman streets; thence along Beekman street to south street; thence along South street to Roosevelt street, the place of beginning.

No. 15. Both sides of Madison avenue, from One Hundred and Thirty-fifth to One Hundred and Thirty-sixth street, and extending easterly and westerly from Madison avenue on said streets 100 feet.

No. 16. Beginning at the intersection of Murray and West streets; thence along and including both sides of Murray street to Broadway; thence along Broadway, and including a part of City Hall Park, to Worth street; thence along Worth street to Hudson street; thence along Hudson street to Franklin street; thence diagonally to the intersection of Jay and West streets; thence along West street to the place of beginning.

No. 17. Both sides of Eighty-third street, from First avenue to Avenue A, and to the extent of half the block at the intersecting avenues.

No. 18. To the extent of half the block from the easterly intersection of Seventh avenue and One Hundred and Twenty-third street.

No. 19. Both sides of One Hundred and Eighteenth street, from Seventh to Eighth avenue.

No. 20. Both sides of One Hundred and Fifteenth street, from Second to Third avenue.

No. 21. South side of One Hundred and Twenty-fifth street, from Second to Third 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 Chairman of the Board of Assessors, at their office, No. 27 Chambers street, 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 27th day of May, 1889.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHARLES E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, April 25, 1889.

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 2926, No. 1. Sewer in Hamilton place, between One Hundred and Forty-first and One Hundred and Forty-second streets, connecting with present sewer in One Hundred and Forty-second street.

List 2932, No. 2. Sewer in Hamilton place, between One Hundred and Fortieth and One Hundred and Forty-first streets.

List 2972, No. 3. Extension of sewer in One Hundred and Forty-first street, between Boulevard and Tenth avenue, and in Tenth avenue, west side, between One Hundred and Fortieth and One Hundred and Forty-first streets.

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

No. 1. Both sides of Hamilton place, from One Hundred and Forty-first to One Hundred and Forty-second street.

No. 2. Both sides of Hamilton place, from One Hundred and Fortieth to One Hundred and Forty-first street.

No. 3. Both sides of Hamilton place, from One Hundred and Fortieth to One Hundred and Forty-first street; both sides of One Hundred and Forty-first street, commencing at a point about 100 feet west of Hamilton place and extending to Tenth avenue, and west side of Tenth avenue, from One Hundred and Fortieth to One Hundred and Forty-first street.

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 Chairman of the Board of Assessors, at their office, No. 27 Chambers street, 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 21st day of May, 1889.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, April 20, 1889.

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 2543, No. 1. Regulating, grading, curbing and flagging One Hundred and Forty-ninth street, from North Third to Morris avenue.

List 2971, No. 2. Extension of sewer in Fifty-second street, between Third and Lexington avenues, from end of present sewer.

List 2993, No. 3. Laying crosswalks across Audubon avenue, on the north and south sides of One Hundred and Eighty-fifth street.

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

No. 1. Both sides of One Hundred and Forty-ninth street, from North Third to Morris avenue, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of Fifty-second street, extending easterly from Lexington avenue about 125 feet.

No. 3. Both sides of One Hundred and Eighty-fifth street, extending half way from Audubon avenue to Tenth avenue, and half way to Eleventh 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 Chairman of the Board of Assessors, at their office, No. 27 Chambers street, 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 18th day of May, 1889.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, April 17, 1889.

## DEPARTMENT OF STREET CLEANING.

### NOTICE.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, at No. 51 Chambers street.

J. S. COLEMAN,  
Commissioner of Street Cleaning

## HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,  
No. 301 MOTT STREET,  
NEW YORK, August 2, 1888.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office, No. 301 Mott street, August 2, 1888, the following resolution was adopted:

Resolved, That under the power conferred by law upon the Health Department, the following additional section to the Sanitary Code for the security of life and health, be and the same is hereby adopted and declared to form a portion of the Sanitary Code:

Section 219. In every public hospital and dispensary in the City



has any duty or office in respect to patients in the course of treatment, or persons who apply for treatment or care at a dispensary or hospital, to see that a report is immediately made to the Health Department of the City of New York of every person infected with a contagious disease who comes to their knowledge, and that such person or persons so infected are properly isolated and kept separate from other persons and other patients.

[L. S.] JAMES C. BAYLES, President.  
EMMONS CLARK, Secretary.

HEALTH DEPARTMENT, No. 301 MOTT STREET,  
NEW YORK, January 31, 1888.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office, No. 301 Mott street, January 27, 1888, the following resolution was adopted:

Resolved, That section 18 of the Sanitary Code be and is hereby amended so as to read as follows:

Sec. 18. That no owner or lessee of any building, or any part thereof, shall lease or let, or hire out the same or any portion thereof, to be occupied by any person, or allow the same to be occupied, as a place in which, or for any one, to dwell or lodge, except when said buildings or such parts thereof are sufficiently lighted, ventilated, provided and accommodated, and are in all respects in that condition of cleanliness and wholesomeness, for which this Code or any law of this State provides, or in which they or either of them require any such premises to be kept. Nor shall any such person rent, let, hire out, or allow, having power to prevent the same to be used as or for a place of sleeping or residence, any portion or apartment of any building, which apartment or portion has not at least one foot of its height and space above the level of every part of the sidewalk and curbstone of any adjacent street, nor of which the floor is damp by reason of water from the ground, or which is impregnated or penetrated by any offensive gas, smell, or exhalation prejudicial to health. But this section shall not prevent the leasing, renting, or occupancy of cellars or rooms less elevated than aforesaid and as a part of any building rented or let, when they are not let or intended to be occupied or used by any person as a sleeping apartment, or as a principal or sole dwelling apartment.

[L. S.] JAMES C. BAYLES, President.  
EMMONS CLARK, Secretary.

## DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,  
PIER "A," NORTH RIVER.

### TO CONTRACTORS.

(No. 303.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE CRIB-BULKHEAD AT THE EAST SEVENTEENTH STREET YARD OF THE DEPARTMENT OF DOCKS, ON THE EAST RIVER.

ESTIMATES FOR REPAIRING THE CRIB-BULKHEAD along the easterly side of, and along the northerly side of the East Seventeenth Street Yard, East river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

FRIDAY, MAY 10, 1889,

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 bidder to whom the award is made shall give security for the faithful performance of the contract in the manner prescribed and required by ordinance, in the sum of Two Thousand Four Hundred Dollars.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

#### CLASS I.—REPAIRS TO CRIB-BULKHEAD.

1. New Cribwork complete, including all Timbers and Ironwork, Backing-logs, Earth and Stone-filling, Box-drains, Mooring-posts, Fenders and Chocks, etc., measured from the top of the old facing timbers, where there is to be no flooring, and from the top of the flooring to the under side of the backing-log, and from front of facing timber to rear of longitudinal ties, about 33,083 cubic feet.

Feet B. M.  
measured in  
the work.

2. Yellow Pine Timber, 12" x 12" ..... 8,388  
" 10" x 10" ..... 5,747

Total..... 14,135

NOTE.—The above quantity of timber is inclusive of extra lengths required for scarfs, laps, etc., but is exclusive of waste.

3. White Pine, Norway Pine, Yellow Pine, Cypress, Spruce Piles, ..... 144  
(It is expected that these piles will have to be from about 25 feet to about 40 feet long.)
4. Bed Logs, about ..... 1,001 linear feet.
5. Floor Logs, about ..... 4,338 "
6. Excavation of Old Cribwork, etc., about ..... 2,985 cubic yards.
7. Square Wrought-iron Dock Spikes, about ..... 5,943 pounds.
8. Wrought-iron Screw-bolts and Nuts, about ..... 540 "
9. Cast-iron Washers, about ..... 451 "
10. Wrought-iron Armature Plates, about ..... 1,501 "
11. Oak Fender-piles, about 45 feet to 50 feet long ..... 53
12. Half Round Oak Fenders, 11 feet long ..... 48
13. Labor and Materials for Relaying Old Pavement for about ..... 80 square yards.
14. Back-filling and Grading, about ..... 530 cubic yards.
15. Top-Dressing, Gravel or Quarry Chips, about ..... 312 "
16. Labor on about 441 pieces of flooring.
17. Labor of Framing and Carpentry, including all moving of Timber, Joining, Planing, Bolting, Spiking, Back-filling, etc., as set forth in the specifications.

#### CLASS II.

Rip-rap to be furnished, about ..... 174 cubic yards.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

(1.) 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.

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

The work to be done under this contract is to be commenced within five days after the date of the contract, and all the work contracted for is to be fully completed on or before the third day of September, 1889, and the damages to be paid by the Contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the structure 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 each class, in conformity with the approved form of agreement and the specifications therein set forth, by which price 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. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole work comprised in both classes, and whose estimate is regular in all respects.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing each class of 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 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 will be subject to approval 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 State or 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 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.

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.

EDWIN A. POST,  
JAMES MATTHEWS,  
CHARLES A. SILLIMAN,  
Commissioners of the Department of Docks.  
Dated New York, April 26, 1889.

DEPARTMENT OF DOCKS,  
PIER "A," NORTH RIVER.

### TO CONTRACTORS.

(No. 302.)

PROPOSALS FOR ESTIMATES FOR FURNISHING SAWED SPRUCE TIMBER.

ESTIMATES FOR FURNISHING SAWED Spruce Timber will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

FRIDAY, MAY 10, 1889,

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 bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of One Thousand Two Hundred Dollars.

The Engineer's estimate of the quantities is as follows:

	Feet B. M.
Spruce Timber 12" x 12", 334 pieces, 20 feet 6 inches long.....	82,164
Spruce Timber 12" x 12", 125 pieces, 24 feet long 8" x 8", 334 " 29 ".....	36,000 51,659
Spruce Timber 4" x 12", about 2,000 linear feet in 15, 18, 21 and 24 feet lengths, about.....	8,000
Spruce Timber 4" x 12", about 835 linear feet in 12 feet lengths and upwards, about.....	3,340
Spruce Timber 4" x 10", about 12,000 linear feet in 15, 18, 21 and 24 feet lengths, about.....	40,000
Spruce Timber 4" x 10", about 1,900 linear feet in 12 feet lengths and upwards, about.....	6,333
Total Spruce Timber, about.....	227,496

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

(1.) Bidders must satisfy themselves, by personal examination of the locations of the proposed deliveries of the material, 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.

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

At least 50,000 feet, board measure, of the timber is to be delivered within sixty days, Sundays excepted, from the date of the contract, and all the timber to be delivered under this contract is to be delivered on or before the 3d day of September, 1889, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract determined, fixed, and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price per thousand feet, board measure, for the spruce timber to be delivered 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 receiving of the material by the Department of Docks.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for furnishing this material.

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 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, upon 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 upon 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 material to be delivered, 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 will be subject to approval 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 State or 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 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.

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.

EDWIN A. POST,  
JAMES MATTHEWS,  
CHARLES A. SILLIMAN,  
Commissioners of the Department of Docks.  
Dated New York, April 19, 1889.

## DEPARTMENT OF PUBLIC PARKS.

CITY OF NEW YORK, DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
April 23, 1889.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Department of Public Parks, in the City of New York, will, on the 8th day of May, 1889, at 2 o'clock P. M., at their office in the Emigrant Savings Bank Building, Nos. 49 and 51 Chambers street, in said city, hear and consider all statements, objections and evidence that may then and there be offered in reference to changing, fixing and establishing the grades of the avenues, streets and roads in that part of the Twenty-third and Twenty-fourth Wards lying between the Spuyten Duyvil and Port Morris Railroad, Jerome and Boscobel avenues, Elliott street, Sheridan avenue, East One Hundred and Sixty-fifth street, Mott avenue, Juliet street and Walton avenue; also of River avenue, from Spuyten Duyvil and Port Morris Railroad to East One Hundred and Forty-fourth street.

The general character and extent of the contemplated change consist in changing, fixing and establishing the grades of the avenues, streets and roads in the said part of the Twenty-third and Twenty-fourth Wards, in pursuance of the provisions of chapter 721 of the Laws of 1887.

A map showing the proposed change is on exhibition in said office.

J. HAMPDEN ROBB,  
M. C. D. BORDEN,  
WALDO HUTCHINS,  
STEVENSON TOWLE,  
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
NEW YORK, April 23, 1889.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Department of Public Parks, in the City of New York, will, at their office, Nos. 49 and 51 Chambers street, in the Emigrants' Savings Bank Building, in said city, on Wednesday, May 8, 1889, at 2 o'clock P. M., hear and consider all statements, objections and evidence that may then and there be offered in reference to changing, fixing and establishing the grades of the avenues, streets and roads in that portion of the "Boscobel District," Twenty-fourth Ward, lying between Aqueduct, Tremont and Jerome avenues and Featherbed lane.

The general character and extent of the contemplated change consist in changing, fixing and establishing the grades of the avenues, streets and roads in the said part of the "Boscobel District," in pursuance of the provisions of chapter 721 of the Laws of 1887.

A map showing the proposed change is on exhibition in said office.

J. HAMPDEN ROBB,  
M. C. D. BORDEN,  
WALDO HUTCHINS,  
STEVENSON TOWLE,  
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
NEW YORK, April 23, 1889.

NOTICE IS HEREBY GIVEN THAT THE COMMISSIONERS of the Department of Public Parks, in the City of New York, will, on the 8th day of May, 1889, at 2 o'clock P. M., at their office, in the Emigrants' Savings Bank Building, Nos. 49 and 51 Chambers street, in said city, hear and consider all statements, objections and evidence that may then and there be offered in reference to a proposed change in the classification of:

1st. Undercliff avenue, from Washington Bridge north to Sedgwick avenue, in the Twenty-fourth Ward, from second to first class.

2d. Tiffany street, from Intervale avenue to Lane avenue, in the Twenty-third Ward, from third to first class, in pursuance of the provisions of chapter 721 of the Laws of 1887.

The contemplated change consists in changing the class of said streets as above indicated.

A map showing the proposed change is on exhibition in said office.

J. HAMPDEN ROBB,  
M. C. D. BORDEN,  
WALDO HUTCHINS,  
STEVENSON TOWLE,  
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
NEW YORK, April 23, 1889.

### NOTICE.

PARTIES INTERESTED IN THE MATTER OF the grades of the following-named streets in the Twenty-fourth Ward are requested to call at the office of the Department of Public Parks, within ten days from date, and examine maps showing such grades as proposed to be established, and make known their views in relation thereto.

Tiffany street, from Lane to Wetmore avenue.

Barretto street, from Lane to Wetmore avenue.

Hunt's Point road, from Lane avenue to Lafayette road.

Spofford street, from Tiffany street to Hunt's Point road.

Lafayette road, from Tiffany street to Hunt's Point road.

Lane avenue, from Tiffany street, to Hunt's Point road.

Wetmore avenue, from Tiffany street, to Barretto street, in the Twenty-third Ward.

By order of the Department of Public Parks,  
CHARLES DE F. BURNS,  
Secretary.

## DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

### TO CONTRACTORS.

PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR DOCKING, CALKING AND COPPERING THE STEAMER "MINNAHANONCK."

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, 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, May 10, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Docking, Calking and Coppering the Steamer 'Minnahtonck,'" 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 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.

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, each in the penal amount of **TWO THOUSAND (\$2,000) 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 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 section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or 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 his or their bid or proposal, or if he or they accept, but do not execute, the contract and provide such proper security as has been heretofore stated to be requisite, 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 estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department; and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, April 25, 1889.  
THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

## TO CONTRACTORS.

**PROPOSALS FOR MATERIALS AND WORK REQUIRED IN BUILDING AN ADDITIONAL STORY TO WASH-HOUSE, CHARITY HOSPITAL, BLACKWELL'S ISLAND, N. Y.**

**SEALED BIDS OR ESTIMATES FOR THE** aforesaid work and materials, in accordance with the specifications and plans, 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, May 10, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Building an Additional Story to Wash-house, Charity Hospital," 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 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.

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, each in the penal amount of **FOUR THOUSAND (\$4,000) 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 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 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, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or 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 his or their bid or proposal, or if he or they accept, but do not execute, the contract and provide such proper security as has been heretofore stated to be requisite, 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, in accordance with the terms of the contract, or from time to time as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, April 25, 1889.  
THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

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

## TO CONTRACTORS.

**PROPOSALS FOR GROCERIES, DRY GOODS, HARDWARE, LIME, ETC., AND LUMBER: ALSO PAINTS AND OILS.**

**SEALED BIDS OR ESTIMATES FOR FURNISHING**

GROCERIES, ETC.  
10,400 pounds Dairy Butter, sample on exhibition Thursday, May 2, 1889.

1,600 pounds Cheese.  
8,000 pounds Oolong Tea.  
1,000 pounds Cocoa.  
4,000 pounds Dried Prunes.  
40,000 pounds Brown Sugar.  
500 pounds Pearl Tapioca.  
400 bushels Rye.  
100 bushels Dried Peas.  
2,500 gallons Syrup, in barrels.  
4,300 dozen Fresh Eggs, all to be candled.  
100 barrels Crackers.

15 barrels Mackerel, prime quality, large Shore Mackerel, No. 2, 200 pounds net each.  
25 barrels pure Cider Vinegar.  
632 barrels good, sound White Potatoes, to weigh 172 pounds net per barrel.  
50 barrels first quality Red or Yellow Onions, 150 pounds net per barrel.  
100 barrels prime Carrots, 130 pounds net per barrel.  
100 barrels prime Russia Turnips, 135 pounds net per barrel.

1,600 heads prime, good-sized Cabbage, to be delivered in crates or barrels.  
20 prime quality City Cured Smoked Tongues to average about 6 pounds each.  
100 bags Bran, 50 pounds net each.  
50 gross Matches.

DRY-GOODS, HARDWARE, WOODENWARE, ETC.  
150 Uniform Caps.  
8 dozen Seymour's Scissors, No. 8.  
20 boxes Horse Shoe Nails, first quality, 5 each, Nos. 8 and 9.  
200 pounds first quality Tinned Roofing Nails.

2,240 Carriage Bolts first quality,  $\frac{1}{2}$  x 2  $\frac{1}{4}$ .  
300 Carriage Bolts first quality,  $\frac{1}{4}$  x 2  $\frac{1}{4}$ .  
5 gross first quality Screws, 1", No. 12.  
34 gross first quality Screws, 1  $\frac{1}{4}$ ", No. 14.  
20 bars first quality Refined Iron,  $\frac{3}{8}$ " round.  
600 feet first quality Refined Iron,  $\frac{3}{8}$ " x 1  $\frac{1}{4}$ ".

2 barrels first quality Raw Linseed Oil.  
1 barrel first quality Boiled Linseed Oil.  
1 barrel pure Spirits Turpentine.  
1 barrel first quality Metallic Paint.  
25 barrels first quality Rosendale Cement.  
5,000 first quality Hard Brick.  
1 coil first quality Manila Rope, No. 21 thread.  
12 hanks Signal Halyards.  
100 pounds Coarse Twine.

LUMBER.  
500 feet first quality clear White Pine,  $\frac{3}{4}$ ", dressed one side.  
500 feet first quality clear White Pine,  $\frac{1}{2}$ ", dressed one side.  
50 first quality White Pine Strips,  $\frac{3}{8}$ " x 3" x 12 feet, dressed.  
100 first quality White Pickets, 3" x 5 feet, dressed.  
25 first quality Chestnut Posts, 4" x 4" x 9 feet.

500 square feet first quality, clear, thoroughly seasoned, edged or vertical grained, Georgia Yellow Pine Flooring, 1  $\frac{1}{2}$ " x 3" to 4  $\frac{1}{2}$ ", dressed, tongued and grooved.  
500 feet first quality, half-round Moulding,  $\frac{3}{4}$ ". Sample.

50 first quality Spruce Boards, 1 x 10 x 14 feet.  
7 pieces first quality Spruce, 6 x 8 x 12 feet.  
400 square feet first quality clear Spruce Flooring, 2 x 2  $\frac{1}{4}$  x 16 feet, dressed, tongued and grooved.  
12 pieces first quality Spruce, 6" x 6" x 12 feet.  
20 first quality Spruce plank, 2" x 10" x 13 feet.  
250 feet first quality sound Oak, 1".  
250 feet first quality sound Oak, 1  $\frac{1}{2}$ ".  
250 feet first quality sound Hickory, 1  $\frac{1}{2}$ ".  
250 feet first quality clear White Pine, 2".

2,000 feet first quality clear, thoroughly-seasoned White Pine Shelves, 12 to 16" x 12 to 16 feet, dressed two sides.  
100 first quality clear, seasoned, White Pine Strips,  $\frac{3}{4}$ " x 2" dressed.  
12 pieces first quality sound Spruce, 4" x 8" x 20 feet.  
4 pieces first quality sound Spruce, 4" x 8" x 16 feet.  
15 pieces first quality sound Spruce, 3" x 6" x 13 feet.  
10 pieces first quality sound Spruce, 4" x 6" x 20 feet.

1,000 feet Moulding. Sample.  
75 first quality clear, seasoned, White Pine Strips,  $\frac{3}{4}$ " x 2" x 13 feet, dressed.  
2 dozen first quality clear, seasoned, Maple Table Legs, 4" x 4".  
12 pieces first quality sound Spruce, 3" x 8" x 18 feet.  
6 pieces first quality sound Spruce, 4" x 8" x 18 feet.

1 dozen first quality sound Turned Chestnut Clothes Posts.  
All lumber to be delivered at Blackwell's Island.

SPECIAL REQUISITION No. 197.  
2,400 pounds pure White Lead, ground in oil, free from all adulterations and any added impurities, and subject to analysis if necessary, 12-100s, 24-50s.

1 barrel pure Spirits Turpentine.  
1 barrel first quality Boiled Linseed Oil.  
500 feet first quality, clear seasoned White Pine,  $\frac{3}{4}$ ".  
500 feet first quality, clear seasoned White Pine, 1  $\frac{1}{4}$ ".  
500 feet first quality, clear seasoned White Pine, 2".

SPECIAL REQUISITION No. 226.  
48 Settees "Knockdown"—sample.  
SPECIAL REQUISITION No. 238.  
24 Settees "Knockdown"—sample.

—will be received at the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M. of Monday, May 6, 1889. 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, Hardware, Lime, etc., and Lumber, also Paints and Oils," 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 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 and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 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 State or 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 his or their bid or proposal, or if he or they accept, but do not execute, the contract and provide such proper security as has been heretofore stated to be requisite, 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, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department; and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, April 25, 1889.  
THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

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

**TO CONTRACTORS.**

**PROPOSALS FOR PLUMBING AT CENTRAL ISLIP, L. I.**

**SEALED BIDS OR ESTIMATES FOR THE** aforesaid work and materials, in accordance with the specifications and plans, 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 Monday, May 6, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Plumbing at Central Islip, L. I., 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 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.

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, each in the penal amount of **SIX THOUSAND (\$6,000) 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 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 and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 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 State or 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 his or their bid or proposal, or if he or they accept, but do not execute, the contract and provide such proper security as has been heretofore stated to be requisite, 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, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department; and bidders are cautioned

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 on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

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

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

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, April 25, 1889.  
THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

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

**TO CONTRACTORS.**

**PROPOSALS FOR PLUMBING AT CENTRAL ISLIP, L. I.**

**SEALED BIDS OR ESTIMATES FOR THE** aforesaid work and materials, in accordance with the specifications and plans, 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 Monday, May 6, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Plumbing at Central Islip, L. I., 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 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.

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, each in the penal amount of **SIX THOUSAND (\$6,000) 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 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 and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 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 this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or 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 his or their bid or proposal, or if he or they accept, but do not execute, the contract and provide such proper security as has been heretofore stated to



to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, April 19, 1889.  
THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

### TO CONTRACTORS.

PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR PUTTING IN HOT AIR FURNACES, FLUES AND OTHER WORK AT BUILDING FOR ACCOMMODATION OF ATTENDANTS AT LUNATIC ASYLUM, BLACKWELL'S ISLAND, N. Y.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, 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 Monday, May 6, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Hot Air Furnaces, etc., for Attendants' Building, Lunatic Asylum," 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 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.

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, each in the penal amount of **ONE THOUSAND (\$1,000) 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 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 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, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the National or State 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 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 provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and relet as provided by law.

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, in accordance with the terms of the contract, or from time to time as the Commissioners may determine.

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, April 19, 1889.  
THOMAS S. BRENNAN, President,  
HENRY H. PORTER, Commissioner,  
CHARLES E. SIMMONS, M. D., Commissioner,  
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, April 24, 1889.

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

At Morgue, Bellevue Hospital, from No. 197 Worth street—Unknown man, aged about 40 years; 5 feet 7½

inches high; dark hair, moustache and beard. Had on blue coat, dark vest, gray pants, gray striped shirt, black felt hat.

Unknown man, from Pier "A," North river; 5 feet 8 inches high. Body about six months in water. Had on black coat and vest, gray striped pants, gray woolen shirt, white cotton jumper.

At Homoeopathic Hospital, Ward's Island—Dennis Carroll, Jr., aged 24 years; 5 feet 10 inches high; black hair and eyes. Had on when admitted black coat and vest, brown striped pants, laced shoes, black felt hat.

Ellen Mooney, aged 23 years; 5 feet 5 inches high; blue eyes, brown hair. Had on when admitted blue merino skirt and waist, black worsted sacque, buttoned gaiters, brown felt hat.

At Randall's Island Hospital—August Fredericks, aged 43 years; 5 feet 8 inches high; blue eyes, brown hair.

Nothing known of their friends or relatives.

By order,  
G. F. BRITTON,  
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, April 17, 1889.

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 Homoeopathic Hospital, Ward's Island—John B. Smith, aged 58 years; 5 feet 6 inches high; blue eyes, gray hair. Had on when admitted black coat, black and white check vest, gray jean pants, brogan shoes, black derby hat.

At New York City Asylum for the Insane, Ward's Island—Charles Vurch, aged 50 years; gray eyes, black hair.

At Randall's Island Hospital—William Lambert, aged 19 years; 5 feet 4 inches high; blue eyes, auburn hair.

Nothing known of their friends or relatives.

By order,  
G. F. BRITTON,  
Secretary.

### BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED by the Board of School Trustees for the Fifth Ward, at the Hall of the Board of Education, No. 146 Grand street, until Tuesday, May 7, and until 10 o'clock on said day, for Repairs at Grammar School No. 44, Sanitary Work at Primary School No. 11, and New Furniture for Grammar School No. 44.

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

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

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

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

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

WM. H. NAETHING,  
JOHN C. HUSER,  
HENRY C. WEST,  
SAMUEL W. WILEY,  
HENRY W. CORDT,  
School Trustees, Fifth Ward.

Dated New York, April 24, 1889.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, No. 146 Grand street, by the School Trustees of the Eleventh Ward, until 9.30 o'clock A. M., on Thursday, May 2, 1889, for New Desks and Seats required for Grammar School Building No. 88.

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

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

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

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

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

WM. A. GRAHAM,  
M. L. PHILLIPS,  
LOUIS S. GOEBLE,  
PATRICK J. MCCUE,  
GEORGE MUNDORFF,  
Board of School Trustees, Eleventh Ward.

Dated New York, April 19, 1889.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, No. 146 Grand street, by the School Trustees of the Fourteenth Ward, until 10 o'clock A. M., on Thursday, May 2, 1889, for New Furniture required for Grammar School Buildings Nos. 21 and 30.

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

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

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

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

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

JOHN A. O'BRIEN, Chairman,  
FRANKLIN SMITH, M. D., Secretary,  
Board of School Trustees, Fourteenth Ward.

Dated New York, April 17, 1889.

COMMENCING MONDAY, JANUARY 14, 1889, a course of free lectures on the Natural Sciences and kindred subjects, for the benefit of workmen and working women, will be delivered in the following schools:

Grammar School No. 27, Nos. 28 and 210 East Forty-second street.

Grammar School No. 42, No. 30 Allen street.

Grammar School No. 51, No. 523 West Forty-fourth street.

Grammar School No. 67, Nos. 223 to 229 West Forty-first street.

Grammar School No. 82, corner of Seventieth street and First avenue.

Grammar School No. 83, No. 216 East One Hundred and Tenth street.

The lectures will begin at eight o'clock P. M., and will be given every Monday and Thursday evening during the months of January, February, March and April, 1889.

DE WITT J. SELIGMAN,  
Chairman,  
GRACE H. DODGE,  
MILES M. O'BRIEN,  
W. J. WELCH,  
R. GUGGENHEIMER,  
Committee on Evening Schools.  
ARTHUR McMULLIN,  
Clerk.

### PUBLIC POUND.

NEW YORK, April 25, 1889.  
AUCTION SALE OF ONE BAY HORSE,  
sixteen hands high, one large hind leg, on Saturday, April 27, 1889.  
By order of  
SAMUEL BRAWLEY,  
Pound Master.

### POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,  
OFFICE OF THE PROPERTY CLERK (Room No. 9),  
No. 300 MULBERRY STREET,  
NEW YORK, 1889.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claims: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.

JOHN F. HARRIOT,  
Property Clerk.

### SUPREME COURT.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the westerly side of Norfolk street, near Hester street, in the Tenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof may, within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the 7th day of June, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—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 Chambers in the County Court-house in the City of New York, on the 12th day of June, 1889, 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, April 26, 1889.  
LUCAS L. VAN ALLEN,  
JOHN O'BRYNE,  
WILLIAM Q. TITUS,  
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FORTIETH STREET (although not yet named by proper authority), extending from Morris avenue to Brook avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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. 280 Broadway (fifth floor), in the said city, on or before the eighth day of June, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said eighth day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 4 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 eighth day of June, 1889.

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 City of New York, which taken together are bounded and described as follows, viz.: northerly by the centre line of the blocks between East One Hundred and Forty-first street and East One Hundred and Forty-second street; easterly by the westerly side of Brook avenue; southerly by the centre line of the blocks between East One Hundred and Thirty-ninth street and East One Hundred and Fortieth street; and westerly by the easterly side of Morris avenue, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, or the Laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

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 Chambers in the County Court-house, at the City Hall, in the City of New York, on the twenty-eighth day of June, 1889, 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, April 26, 1889.  
EDWARD L. PARRIS,  
THOMAS C. T. CRAIN,  
JOHN J. CLARKE,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FORTY-SECOND STREET (although not yet named by proper authority) extending from Rider avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

NOTICE IS HEREBY GIVEN THAT THE BILL of the costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at the Chambers thereof, in the County Court-house at the City Hall, in the City of New York, on the ninth day of May, 1889, at 10½ o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Department of Public Works, there to remain for and during the space of ten days.

Dated New York, April 25, 1889.  
JAMES J. TRAYNOR,  
PETER McGINNNESS,  
MAX MOSES,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to certain lands required for a public park or parks, square or squares, place or places, known as the High Bridge Park, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases, made and provided, the Mayor, Aldermen and Commonalty of the City of New York hereby give notice that the Counsel to the Corporation will make application to a Special Term of the Supreme Court of the State of New York, to be held at the Chambers of said Court, in the County Court-house in the City of New York, on the 23d day of May, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding, in the place and stead of Grover Cleveland, who declines to serve.

Dated New York, April 23, 1889.  
HENRY R. BECKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of Forty-first street, between Seventh and Eighth avenues, in the Twenty-second Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof may, within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the fourth day of June, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—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 Chambers in the County Court-house in the City of New York, on the 7th day of June, 1889, 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, April 23, 1889.  
NICHOLAS R. O'CONNOR,  
LORENZ ZELER,  
EDWARD MCCUE,  
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of Seventy-fifth street, near Third avenue, in the Nineteenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof may, within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the third day of June, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—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 Chambers in the County Court-house in the City of New York, on the 7th day of June, 1889, 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, April 22, 1889.  
CHARLES W. DAYTON,  
LUKE F. COZANS,  
JAMES T. SPARKMAN,  
Commissioners.

LAMONT McLOUGHLIN, Clerk.



In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired to that part of EAST ONE HUNDRED AND SEVENTEETH STREET (although not yet named by proper authority), extending from Vanderbilt (formerly Railroad) avenue to Webster avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**NOTICE IS HEREBY GIVEN THAT THE** bill of the costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the 20th day of April, 1889, at 10½ o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Department of Public Works, there to remain for and during the space of ten days.

Dated New York, April 16, 1889.  
JOHN B. SHEA,  
EMANUEL B. HART,  
JOSEPH E. NEWBURGER,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, to certain lands on Fourth avenue, Thirty-third and Thirty-fourth streets, in the Twenty-first Ward of said City, duly selected by said Board and approved by the Commissioners of the Sinking Fund, as a site for armory purposes, under and in pursuance of the provisions of chapter 330 of the Laws of 1887.

**PURSUANT TO THE PROVISIONS OF CHAPTER 330** of the Laws of 1887, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on the 18th day of May, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by the Mayor, Aldermen and Commonality of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto, belonging on Fourth avenue, Thirty-third and Thirty-fourth streets, in the Twenty-first Ward of said City, in the same to be appropriated, converted and used to and for the purposes specified in said chapter 330 of the Laws of 1887, said property having been duly selected by the Board of Street Opening and Improvement, under and in pursuance of the provisions of said chapter 330 of the Laws of 1887, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point on the southerly line of Thirty-fourth street, distant 188½ feet westerly from the westerly line of Lexington avenue; thence southerly and parallel with said avenue 197½ feet to the northerly line of Thirty-third street, thence westerly along the northerly line of Thirty-third street, distance 236½ feet to the easterly line of Fourth avenue; thence northerly along said easterly line of Fourth avenue, distance 197½ feet to the southerly line of Thirty-fourth street; thence easterly along said southerly line of Thirty-fourth street 236½ feet to the point or place of beginning, containing 46,744½ square feet.

Dated New York, April 18, 1889.  
HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FIFTY-FIRST STREET (although not yet named by proper authority), extending from Railroad avenue east to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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. 200 Broadway fifth floor, in the said city, on or before the 25th day of May, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 25th day of May, 1889, 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 25th day of May, 1889.

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 City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One Hundred and Fifty-first street and East One Hundred and Fifty-second street; easterly by the westerly side of Third avenue; southerly by the centre line of the blocks between East One Hundred and Fifty-fifth street and East One Hundred and Fifty-sixth street; and westerly by the easterly side of Railroad avenue, East, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1887, as such area is shown upon our benefit map deposited as aforesaid.

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 14th day of June, 1889, 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, April 18, 1889.  
EDWARD L. PARRIS,  
THOMAS DUNLAP,  
HIRAM D. INGEROLL,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to the opening of ONE HUNDRED AND SIXTEENTH STREET, from the Boulevard to Riverside avenue, in the Twelfth Ward of the City of New York.

**PURSUANT TO THE STATUTES IN SUCH** cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 16th day of May, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as One Hundred and Sixteenth street, from the Boulevard to Riverside avenue, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the westerly line of the Boulevard, distant 201 feet 10 inches northerly from the northerly line of One Hundred and Fifteenth street; thence westerly and parallel with said street 488 feet 4½ inches to the easterly line of Riverside avenue; thence northerly along said line, and in a curved line, radius 600 feet, distance 100 feet 5½ inches; thence easterly 480 feet to the westerly line of the Boulevard; thence southerly along said line 100 feet to the point or place of beginning.

Said One Hundred and Sixteenth street to be 100 feet wide between the lines of the Boulevard and Riverside avenue.

Dated New York, April 8, 1889.  
HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Commissioners of the Department of Public Parks for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title wherever the same has not been heretofore acquired to that part of ONE HUNDRED AND FORTY-SEVENTH STREET (although not yet named by proper authority), extending from Willis avenue to Brook avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by said Department.

**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. 200 Broadway fifth floor, in the said city, on or before the 25th day of May, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 25th day of May, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 4 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 25th day of May, 1889.

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 City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One Hundred and Forty-seventh street and East One Hundred and Forty-eighth street; easterly by the westerly side of Brook avenue; southerly by the centre line of the block between East One Hundred and Forty-sixth street and East One Hundred and Forty-seventh street; and westerly by the easterly side of Willis avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1887, as such area is shown upon our benefit map deposited as aforesaid.

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 14th day of June, 1889, 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, April 12, 1889.  
DANA JONES,  
WILLIAM H. BARKER,  
JOHN WHALEN,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND THIRTY-SIXTH STREET (although not yet named by proper authority), extending from Rider avenue to Locust avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**PURSUANT TO THE STATUTES IN SUCH** cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 16th day of May, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Thirty-sixth street, extending from Rider avenue to Locust avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Rider avenue, distant 576.71 feet south of the intersection of the southern line of East One Hundred and Thirty-eighth street with the eastern line of Rider avenue.  
1st. Thence southwesterly, along the eastern line of Rider avenue, for 50 feet.  
2d. Thence southeasterly, deflecting 90° to the left, for 249.50 feet, to the western line of Third avenue.  
3d. Thence northeasterly, along the western line of Third avenue, for 50.02 feet.  
4th. Thence northwesterly, for 249.87 feet, to the point of beginning.

Beginning at a point in the western line of Brook avenue, distant 460.00 feet south of the intersection of the southern line of East One Hundred and Thirty-eighth street with the western line of Brook avenue.

1st. Thence southerly along the western line of Brook avenue for 60 feet.  
2d. Thence westerly, deflecting 90° to the right, for 2,685.53 feet to the eastern line of Third avenue.  
3d. Thence northeasterly along the eastern line of Third avenue for 62.08 feet.  
4th. Thence easterly for 2,663.52 feet to the point of beginning.

PARCEL C.

Beginning at a point in the eastern line of Brook avenue, distant 460 feet south of the intersection of the southern line of East One Hundred and Thirty-eighth street with the eastern line of Brook avenue.  
1st. Thence southerly along the eastern line of Brook avenue for 60 feet.  
2d. Thence easterly, deflecting 90° to the left, for 487.94 feet to the western line of St. Ann's avenue.  
3d. Thence northerly along the western line of St. Ann's avenue for 60.02 feet.  
4th. Thence westerly for 486.29 feet to the point of beginning.

PARCEL D.

Beginning at a point in the western line of Southern Boulevard, distant 531.39 feet south of the intersection of the southern line of East One Hundred and Thirty-eighth street with the western line of Southern Boulevard.  
1st. Thence southwesterly along the eastern line of Southern Boulevard for 60.31 feet.  
2d. Thence easterly, deflecting 120° 02' 30" to the left, for 1,037.24 feet.  
3d. Thence easterly, deflecting 8° 22' 53" to the right, for 819.57 feet.  
4th. Thence northerly, deflecting 90° to the left, for 60 feet.  
5th. Thence westerly, deflecting 90° to the left, for 823.05 feet.  
6th. Thence westerly for 1,006.94 feet to the point of beginning.

Dated New York, March 29, 1889.  
HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education by the Council to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonality of the City of New York, to certain lands on the southerly side of Thirty-eighth street, near Second avenue, in the Twenty-first Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate in the above entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First.—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second.—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the twenty-second day of May, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third.—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 Chambers in the County Court-house, in the City of New York, on the 24th day of May, 1889, 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, April 10, 1889.  
PETER B. OLNEY,  
JAMES M. VARNUM,  
MATTHEW CHALMERS,  
Commissioners.

LAMONT MCDONALD, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FORTY-FIRST STREET (although not yet named by proper authority), extending from Rider avenue to Locust avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**PURSUANT TO THE STATUTES IN SUCH** cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 16th day of May, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Forty-first street, extending from Rider avenue to Locust avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Rider avenue, distant 473.73 feet southerly from the intersection of the south line of East One Hundred and Forty-fourth street and the eastern line of Rider avenue.  
1st. Thence southerly, along the eastern line of Rider avenue, for 56.58 feet.  
2d. Thence southeasterly, deflecting 62° 05' 10" to the left, for 265.49 feet, to the western line of the portion of Morris avenue that is 80 feet wide.  
3d. Thence northerly, along the western line of Morris avenue, for 56.22 feet.  
4th. Thence westerly, 266.27 feet to the point of beginning.

PARCEL A.

Beginning at a point in the eastern line of Rider avenue, distant 473.73 feet southerly from the intersection of the south line of East One Hundred and Forty-fourth street and the eastern line of Rider avenue.  
1st. Thence southerly, along the eastern line of Rider avenue, for 56.58 feet.  
2d. Thence southeasterly, deflecting 62° 05' 10" to the left, for 265.49 feet, to the western line of the portion of Morris avenue that is 80 feet wide.  
3d. Thence northerly, along the western line of Morris avenue, for 56.22 feet.  
4th. Thence westerly, 266.27 feet to the point of beginning.

PARCEL B.

Beginning at a point in the western line of Third avenue, distant 725.22 feet northerly from the intersection of the eastern line of Morris avenue with the western line of Third avenue.

1st. Thence northeasterly, along the western line of Third avenue, for 50 feet.  
2d. Thence northwesterly, deflecting 90° to the left, for 409.17 feet, to the eastern line of Morris avenue.  
3d. Thence southerly, along the eastern line of Morris avenue, for 56.02 feet.  
4th. Thence southeasterly, for 383.46 feet, to the point of beginning.

PARCEL C.

Beginning at a point in the western line of Brook avenue, distant 723.24 feet northerly from the intersection of the northern line of East One Hundred and Thirty-eighth street and the western line of Brook avenue.  
1st. Thence northerly, along the western line of Brook avenue, for 60.27 feet.  
2d. Thence westerly, deflecting 84° 34' 30" to the left, for 2,001.75 feet, to the eastern line of Third avenue.  
3d. Thence southwesterly, along the eastern line of Third avenue, for 67.21 feet.  
4th. Thence easterly, for 2,037.72 feet, to the point of beginning.

PARCEL D.

Beginning at a point in the easterly line of Brook avenue, distant 723.24 feet northerly from the intersection of the northern line of East One Hundred and Thirty-eighth street with the eastern line of Brook avenue.  
1st. Thence northerly, along the eastern line of Brook avenue, for 60.27 feet.  
2d. Thence easterly, deflecting 95° 25' 30" to the right, for 510.57 feet, to the western line of St. Ann's avenue.  
3d. Thence southerly, along the western line of St. Ann's avenue, for 60.15 feet.  
4th. Thence westerly, for 509.16 feet, to the point of beginning.

PARCEL E.

Beginning at a point in the eastern line of St. Ann's avenue, distant 710.78 feet northerly from the intersection of the northern line of East One Hundred and Thirty-eighth street with the eastern line of St. Ann's avenue.  
1st. Thence northerly, along the eastern line of St. Ann's avenue, for 80.20 feet.  
2d. Thence easterly, deflecting 94° 02' 29" to the right, for 1,082.3 feet.  
3d. Thence easterly, deflecting 1° 48' 26" to the right, for 60.75 feet.  
4th. Thence easterly, deflecting 9° 01' 44" to the left, for 963.81 feet, to the western line of the Southern Boulevard.  
5th. Thence southwesterly, along the western line of the Southern Boulevard, for 100.50 feet.  
6th. Thence westerly, deflecting 52° 45' 06" to the right, for 902.98 feet.  
7th. Thence westerly, deflecting 8° 25' 58" to the right, for 60.66 feet.  
8th. Thence westerly, for 1,086.79 feet, to the point of beginning.

PARCEL F.

Beginning at a point in the eastern line of the Southern Boulevard, distant 752.68 feet northerly from the intersection of the northern line of East One Hundred and Thirty-eighth street with the eastern line of Southern Boulevard.  
1st. Thence northeasterly, along the eastern line of the Southern Boulevard, for 234.27 feet.  
2d. Thence easterly, deflecting 68° 20' 23" to the right, for 1,217.08 feet.  
3d. Thence southerly, deflecting 90° to the right, for 60 feet.  
4th. Thence westerly, deflecting 90° to the right, for 1,071.20 feet.  
5th. Thence westerly, curving to the left, on the arc of a circle, tangent to the preceding course, whose radius is 250 feet, for 298.19 feet to the point of beginning.

Dated New York, April 5, 1889.  
HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to SPUYTEN DUYVIL ROAD (although not yet named by proper authority), extending from the Spuyten Duyvil Parkway to Johnson avenue, as a second-class street or road, and from Johnson avenue to Riverdale avenue as a first-class street or road; and to WHITING STREET (although not yet named by proper authority), extending from the Spuyten Duyvil Parkway to Johnson avenue, as a first-class street or road; and to KAPOCK STREET (although not yet named by proper authority), extending from the Spuyten Duyvil Parkway to Johnson avenue as a second-class street or road, in the Twenty-fourth Ward of the City of New York.

**PURSUANT TO THE PROVISIONS OF CHAPTER 721** of the Laws of 1887, and all other statutes in such cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 9th day of May, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of the following streets or avenues in the Twenty-fourth Ward of the City of New York, viz.:

1. SPUYTEN DUYVIL ROAD, from the Spuyten Duyvil Parkway to Johnson avenue, as a second-class street or road, and from Johnson avenue to Riverdale avenue, as a first-class street or road, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the southerly line of the Spuyten Duyvil Parkway, distant 3,000.50 feet westerly from the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 18,091.86 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street.  
1st. Thence northerly along the Spuyten Duyvil Parkway for 50 feet.  
2d. Thence southeasterly, curving to the right on the arc of a circle and continuing along the Spuyten Duyvil Parkway for 335.76 feet.  
3d. Thence southerly, on a line tangent to the preceding course, for 611.69 feet.  
4th. Thence southerly, deflecting 23°, 47', 56" to the right, for 298.28 feet.  
5th. Thence southeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 81.88 feet, for 88.06 feet.  
6th. Thence southeasterly, on a line tangent to the preceding course, for 138.54 feet.  
7th. Thence easterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 79.93 feet, for 90.26 feet.  
8th. Thence northeasterly, on a line tangent to the preceding course, for 169.79 feet.  
9th. Thence northeasterly, deflecting 17°, 20' to the left, for 373.40 feet.  
10th. Thence northeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 670 feet, for 339.90 feet, to a point of reverse curve.  
11th. Thence northeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 335 feet, for 124.25 feet.  
12th. Thence northeasterly, on a line tangent to the preceding course, for 119.93 feet.  
13th. Thence northeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 880 feet, for 167.16 feet.



14th. Thence northeasterly, on a line tangent to the preceding course, for 266.27 feet.  
 15th. Thence northeasterly, deflecting  $8^{\circ} 59' 54''$  to the left, for 151.98 feet.  
 16th. Thence southeasterly, deflecting  $86^{\circ} 09' 25''$  to the right, for 38.56 feet.  
 17th. Thence northeasterly, deflecting  $90^{\circ}$  to the left, for 397.65 feet.  
 18th. Thence southwesterly, deflecting  $174^{\circ} 30' 13''$  to the right, for 593 feet.  
 19th. Thence southwesterly, deflecting  $100^{\circ} 32' 13''$  to the right, for 62.60 feet.  
 20th. Thence southwesterly, deflecting  $82^{\circ} 11' 57''$  to the left, for 241.27 feet.  
 21st. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 830 feet, for 157.66 feet.  
 22d. Thence southwesterly, on a line tangent to the preceding course, for 119.93 feet.  
 23d. Thence southwesterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 385 feet, for 142.79 feet, to a point of reverse curve.  
 24th. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 620 feet, for 314.53 feet.  
 25th. Thence southwesterly, on a line tangent to the preceding course, for 381.02 feet.  
 26th. Thence southwesterly, deflecting  $17^{\circ} 20'$  to the right, for 208.99 feet.  
 27th. Thence westerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 115 feet, for 129.86 feet.  
 28th. Thence northwesterly, on a line tangent to the preceding course, for 105 feet.  
 29th. Thence northwesterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 170 feet, for 182.82 feet.  
 30th. Thence northerly, on a line tangent to the preceding course, for 287.74 feet.  
 31st. Thence northerly, deflecting  $23^{\circ} 47' 56''$  to the left, for 601.15 feet.  
 32d. Thence northwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 170 feet, for 182.17 feet, to the point of beginning.

## PARCEL B.

Beginning at a point distant 846.78 feet from the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 19,773.13 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street.  
 1st. Thence southwesterly, curving to the left on the arc of a circle, whose centre lies 176.24 feet westerly of the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 19,461.29 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street, and whose radius is 843.57 feet, for 347.62 feet.  
 2d. Thence southwesterly, on a line tangent to the preceding course, for 303.68 feet.  
 3d. Thence northwesterly, deflecting  $90^{\circ}$  to the right, for 50 feet.  
 4th. Thence northeasterly, deflecting  $90^{\circ}$  to the right, for 303.68 feet.  
 5th. Thence northeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 893.57 feet, for 174.48 feet.  
 6th. Thence northeasterly, on a line tangent to the preceding course, for 167.28 feet.  
 7th. Thence southeasterly, deflecting  $78^{\circ} 30'$  to the right, for 71.18 feet, to the point of beginning.

2. WHITING STREET, from the Spuyten Duyvil Parkway to Johnson avenue, as a first-class street or road, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the easterly line of the Spuyten Duyvil Parkway, distant 2,338.91 feet westerly from the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 20,994.56 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street.  
 1st. Thence northerly, along the easterly line of Spuyten Duyvil Parkway, for 60 feet.  
 2d. Thence easterly, curving to the left on the arc of a circle, whose centre lies on the northerly prolongation of the preceding course, and whose radius is 565 feet, for 358.75 feet, to a point of reverse curve.  
 3d. Thence easterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 387 feet, for 102.78 feet, to a point of compound curve.  
 4th. Thence easterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 498 feet, for 137.34 feet, to a point of reverse curve.  
 5th. Thence northeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 125 feet, for 224.40 feet, to a point of reverse curve.  
 6th. Thence southerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 1,190 feet, for 216.95 feet.  
 7th. Thence southerly, on a line tangent to the preceding course, for 42.58 feet.  
 8th. Thence northwesterly, deflecting  $124^{\circ} 29' 29''$  to the right, for 123.29 feet.  
 9th. Thence westerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 438 feet, for 266.34 feet, to a point of compound curve.  
 10th. Thence westerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 327 feet, for 86.84 feet, to a point of reverse curve.  
 11th. Thence westerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 625 feet, for 396.85 feet, to the point of beginning.

3. KAPOCK STREET, from the Spuyten Duyvil Parkway to Johnson avenue, as a second-class street or road, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the easterly line of the Spuyten Duyvil Parkway distant 2,670.58 feet westerly from the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 18,917.22 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street.  
 1st. Thence northeasterly along the easterly line of the Spuyten Duyvil Parkway for 140.95 feet.  
 2d. Thence southerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 32 feet, for 48.73 feet, to a point of compound curve.  
 3d. Thence southeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 380 feet, for 105.63 feet, to a point of compound curve.  
 4th. Thence southeasterly, curving to left on the arc of a circle, tangent to the preceding course, whose radius is 140 feet, for 19.52 feet.  
 5th. Thence southeasterly, curving to the right on the arc of a circle, whose centre lies 2,552.53 feet westerly of the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 18,374.92 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street, and whose radius is 635 feet, for 328.73 feet, to a point of compound curve.  
 6th. Thence southerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 420 feet, for 190.59 feet.  
 7th. Thence southerly, on a line deflecting  $72^{\circ} 15' 42''$  to the left from a radial line passing through the southern extremity of the preceding course, for 130.34 feet.  
 8th. Thence southwesterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 485 feet, for 232.42 feet, to a point of reverse curve.  
 9th. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 820 feet, for 367.81 feet, to a point of compound curve.  
 10. Thence southeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 18 feet, for 45.93 feet.

11th. Thence southwesterly, on a line tangent to the preceding course, for 120.92 feet.  
 12th. Thence southwesterly, deflecting  $21^{\circ} 24'$  to the left, for 173.85 feet.  
 13th. Thence northeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 715.23 feet, for 211.69 feet to a point of reverse curve.  
 14th. Thence northeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 880 feet, for 464.66 feet, to a point of reverse curve.  
 15th. Thence northeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 425 feet, for 215.57 feet, to a point of compound curve.  
 16th. Thence northerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 340 feet, for 250.02 feet, to a point of compound curve.  
 17th. Thence northwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 555 feet, for 457.17 feet, to the point of beginning.

Dated, NEW YORK, April 3, 1889.

HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND THIRTY-FOURTH STREET (although not yet named by proper authority), extending from a point 275 feet west of Third avenue to Brook avenue, and from Southern Boulevard to Long Island Sound, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Monday, the 29th day of April, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Thirty-fourth street, extending from a point 275 feet west of Third avenue to Brook avenue, and from Southern Boulevard to Long Island Sound, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

## PARCEL A.

Beginning at a point in the western line of Third avenue, distant 1,082.24 feet south of the intersection of the southern line of East One Hundred and Thirty-eighth street and the western line of Third avenue.  
 1st. Thence southwesterly along the western line of Third avenue for 50 feet.  
 2d. Thence northwesterly, deflecting  $90^{\circ}$  to the right, for 275 feet.  
 3d. Thence northeasterly, deflecting  $90^{\circ}$  to the right, for 50 feet.  
 4th. Thence southeasterly for 275 feet to the point of beginning.

## PARCEL B.

Beginning at a point in the western line of Brook avenue, distant 200 feet north of the intersection of the north line of Southern Boulevard with the western line of Brook avenue.  
 1st. Thence northerly along the western line of Brook avenue for 59.45 feet.  
 2d. Thence westerly, deflecting  $90^{\circ}$  to the left, for 2,812.31 feet, to the eastern line of Third avenue.  
 3d. Thence southwesterly along the eastern line of Third avenue for 63.53 feet.  
 4th. Thence easterly for 2,829.71 feet to the point of beginning.

## PARCEL C.

Beginning at a point in the southern line of the Southern Boulevard, distant 873.61 feet east of the intersection of the eastern line of St. Ann's avenue with the southern line of Southern Boulevard.  
 1st. Thence easterly along the southern line of Southern Boulevard on a curve whose radius is 1,482.90 feet for 285.12 feet.  
 2d. Thence southerly, on a line which deflects  $46^{\circ} 44' 07''$  to the right from the prolongation of the radius of the preceding course through its eastern extremity, for 107.62 feet.  
 3d. Thence easterly, deflecting  $90^{\circ}$  to the left, for 1,178.71 feet.  
 4th. Thence easterly, deflecting  $8^{\circ} 22' 53''$  to the right, for 1,267.63 feet.  
 5th. Thence southerly, deflecting  $89^{\circ} 31' 35''$  to the right, for 80 feet.  
 6th. Thence westerly, deflecting  $90^{\circ} 28' 25''$  to the right, for 1,362.43 feet.  
 7th. Thence westerly for 1,386.96 feet to the point of beginning.

Dated NEW YORK, March 30, 1889.

HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to JOHNSON AVENUE (although not yet named by proper authority), extending from the Spuyten Duyvil Parkway (near Spuyten Duyvil Station) to the Spuyten Duyvil Parkway (near former Van Cortlandt avenue), in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Monday, the 29th day of April, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Johnson avenue, extending from the Spuyten Duyvil Parkway (near Spuyten Duyvil Station) to the Spuyten Duyvil Parkway (near former Van Cortlandt avenue), in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the southerly line of the Spuyten Duyvil Parkway, distant 2,750.06 feet westerly from the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 18,152 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street.

1st. Thence northeasterly along the southerly line of the Spuyten Duyvil Parkway for 70.06 feet.  
 2d. Thence southeasterly, deflecting  $84^{\circ} 32' 48''$  to the right, for 450.19 feet.  
 3d. Thence southeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 400 feet, for 244.81 feet, to a point of reverse curve.  
 4th. Thence easterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 65 feet, for 181.55 feet.  
 5th. Thence northeasterly, on a line tangent to the preceding course, for 173.85 feet.  
 6th. Thence northeasterly, deflecting  $21^{\circ} 24'$  to the right, for 387.92 feet.  
 7th. Thence easterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 460 feet, for 329.44 feet, to a point of reverse curve.  
 8th. Thence easterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 785 feet, for 598.04 feet.  
 9th. Thence northeasterly, on a line tangent to the preceding course, for 321.48 feet.  
 10th. Thence northerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 170 feet, for 131.56 feet, to a point of reverse curve.  
 11th. Thence northerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 470 feet, for 208.13 feet.  
 12th. Thence northeasterly, on a line tangent to the preceding course, for 352.60 feet.  
 13th. Thence northeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 984 feet, for 229.85 feet, to a point of reverse curve.  
 14th. Thence northeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 345 feet, for 120.83 feet, to a point of reverse curve.

15th. Thence northerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 490 feet, for 290.91 feet, to a point of reverse curve.  
 16th. Thence northerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 700 feet, for 194.05 feet, to a point of reverse curve.  
 17th. Thence northerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 745 feet, for 344.79 feet.  
 18th. Thence northerly, on a line tangent to the preceding course, for 309.97 feet.  
 19th. Thence northerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 1,190 feet, for 522 feet.  
 20th. Thence northerly, on a line tangent to the preceding course, for 869.93 feet, to the Spuyten Duyvil Parkway.  
 21st. Thence easterly, deflecting  $90^{\circ}$  to the right, and along the Spuyten Duyvil Parkway, for 80 feet.  
 22d. Thence southerly, deflecting  $90^{\circ}$  to the right, for 869.93 feet.

23d. Thence southerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 1,190 feet, for 486.91 feet.  
 24th. Thence southerly, on a line tangent to the preceding course, for 309.97 feet.  
 25th. Thence southerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 825 feet, for 381.81 feet, to a point of reverse curve.  
 26th. Thence southerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 620 feet, for 171.87 feet, to a point of reverse curve.  
 27th. Thence southerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 570 feet, for 338.41 feet, to a point of reverse curve.  
 28th. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 265 feet, for 92.81 feet, to a point of reverse curve.  
 29th. Thence southwesterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 1,064 feet, for 248.53 feet.  
 30th. Thence southwesterly, on a line tangent to the preceding course, for 16.73 feet.  
 31st. Thence southeasterly, deflecting  $92^{\circ} 21' 57''$  to the left, for 155.18 feet.  
 32d. Thence southwesterly, deflecting  $114^{\circ} 39' 57''$  to the right, for 54.16 feet.  
 33d. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 893.57 feet, for 174.48 feet.  
 34th. Thence southwesterly, on a line tangent to the preceding course, for 303.68 feet.  
 35th. Thence southeasterly, deflecting  $90^{\circ}$  to the left, for 50 feet.  
 36th. Thence southwesterly, deflecting  $30^{\circ}$  to the right, for 95.98 feet.  
 37th. Thence southwesterly, deflecting  $5^{\circ} 29' 47''$  to the right, for 397.65 feet.  
 38th. Thence northwesterly, deflecting  $90^{\circ}$  to the right, for 38.56 feet.  
 39th. Thence southwesterly, deflecting  $86^{\circ} 09' 25''$  to the left, for 151.98 feet.  
 40th. Thence southwesterly, deflecting  $8^{\circ} 59' 54''$  to the right, for 129.61 feet.  
 41st. Thence westerly, curving to the right on the arc of a circle whose centre lies 2,025.14 feet westerly of the northerly prolongation of the easterly line of Tenth avenue, measured at right angles with the same from a point 19,214.49 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street, and whose radius is 845 feet, for 359.07 feet, to a point of reverse curve.  
 42d. Thence westerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 400 feet, for 236.47 feet.  
 43d. Thence southwesterly, on a line tangent to the preceding course, for 267 feet.

44th. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 725 feet, for 270.79 feet, to a point of reverse curve.  
 45th. Thence westerly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 115 feet, for 321.21 feet, to a point of reverse curve.  
 46th. Thence northwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 350 feet, for 214.21 feet.  
 47th. Thence northwesterly, on a line tangent to the preceding course, for 382.46 feet.  
 48th. Thence northwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 150 feet, for 77.83 feet, to the point of beginning.

Dated NEW YORK, March 30, 1889.

HENRY R. BEEKMAN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND THIRTY-NINTH STREET (although not yet named by proper authority), extending from Rider avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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. 200 Broadway (fifth floor), in the said city, on or before the 15th day of May, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 15th day of May, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 4 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 15th day of May, 1889.

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 City of New York which, taken together, are bounded and described as follows, viz.: Northerly by the centre lines of the blocks between the northerly side of East One Hundred and Thirty-ninth street and the southerly side of East One Hundred and Fortieth street, between Brook and Morris avenues, and the centre lines of the blocks between the northerly side of East One Hundred and Thirty-ninth street and the southerly side of East One Hundred and Forty-first street, between Brook avenue and St. Ann's avenue; easterly by the westerly side of St. Ann's avenue; southerly by the centre line of the blocks between the southerly side of East One Hundred and Thirty-ninth street and the northerly side of East One Hundred and Thirty-eighth street, and westerly by the easterly side of Rider avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

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 thirty-first day of May, 1889, 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, April 1, 1889.

JOSEPH E. NEWBURGER,  
MICHAEL J. KELLY,  
MORRIS HERRMANN,  
Commissioners.

CARROLL BERRY,  
Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonality of the City of New York, to certain lands on the westerly side of Johnson avenue, in the Twenty-fourth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 52, on the sixth floor of No. 132 Nassau street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners will hear parties so objecting at our said office on the 9th day of May, 1889, at 12 o'clock M., and upon such subsequent days as may be found necessary.

Third—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 Chambers in the County Court-house in the City of New York, on the 13th day of May, 1889, 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, March 28, 1889.

HENRY A. GUMBLETON,  
EDWARD T. WOOD,  
MITCHELL LEVY,  
Commissioners.

LAMONT McLOUGHLIN,  
Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonality of the City of New York, to certain lands on Courtland avenue and One Hundred and Fifty-seventh street, in the Twenty-third Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 52, on the sixth floor of No. 132 Nassau street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the 9th day of May, 1889, at 12 o'clock M., and upon such subsequent days as may be found necessary.



Third.—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 Chambers in the County Court-house in the City of New York, on the 13th day of May, 1889, 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, March 28, 1889.

MITCHEL LEVY,  
HENRY A. GUMBLETON,  
EDWARD T. WOOD,  
Commissioners.

LAMONT McLOUGHLIN,  
Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonality of the City of New York, to certain lands at the southeast corner of Hester and Chrystie streets, in the Tenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First.—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second.—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section four of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the first day of May, 1889, at 11 o'clock A. M., and upon such subsequent days as may be found necessary.

Third.—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 Chambers in the County Court-house in the City of New York, on the eighth day of May, 1889, 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, March 25, 1889.

JOHN O'BRYNE,  
LUCAS L. VAN ALLEN,  
WILLIAM Q. TITUS,  
Commissioners.

LAMONT McLOUGHLIN,  
Clerk.

## JURORS.

### NOTICE IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,  
ROOM 127, STEWART BUILDING,  
CHAMBERS STREET AND BROADWAY,  
NEW YORK, June 1, 1888.

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

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 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.

CHARLES REILLY,  
Commissioner of Jurors.

### DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
ROOM 6, NO. 31 CHAMBERS ST.,  
NEW YORK, April 26, 1889.

#### 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 12 o'clock M. Monday, May 13, 1889, at which place and hour they will be publicly opened by the head of the Department.

NO. 1. FOR FURNISHING MATERIALS AND PERFORMING WORK IN BUILDING EIGHT NEW PONTOONS FOR THE FREE FLOATING BATHS, AND MAKING THE REPAIRS AND ALTERATIONS REQUIRED ON THE OLD PONTOONS.

NO. 2. FOR FURNISHING THE MATERIALS AND PAINTING THE THIRTEEN FREE FLOATING BATHS.

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 State or 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.

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 at Room 15, No. 31 Chambers street.

D. LOWBER SMITH,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE—NO. 31 CHAMBERS STREET,  
NEW YORK, April 25, 1889.

#### NOTICE OF SALE AT PUBLIC AUCTION.

ON THURSDAY, MAY 9, 1889, AT 10.30 o'clock A. M., the Department of Public Works will sell at public auction, by Messrs. Van Tassel & Kearney, auctioneers, at the Corporation Yards, One Hundred and Nineteenth street and St. Nicholas avenue; foot of East Sixteenth street; foot of Livingston street, East river, and foot of Twenty-fourth street, East river, the following articles—sale to commence at One Hundred and Nineteenth Street Yard, at 10.30 A. M., viz:

Wagons, Trucks, Carts, Stands, Booths, Telegraph-poles, Telegraph-wire, Signs, Abandoned Furniture, Lumber, Bill-boards, Push-carts, Canvas Signs, Boot-black Stands, Electric-lamps, Lot of Scrap Iron, Old Lead, Scrap Brass, Old Axes, Old Shovels and a Phaeton.

#### TERMS OF SALE.

Cash payments in bankable funds at the time and place of sale, and the immediate removal of articles furnished.

D. LOWBER SMITH,  
Commissioner of Public Works.

#### REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF JOHN NEWTON, COMMISSIONER OF PUBLIC WORKS.

UNDER CHAPTER 410, LAWS 1882, SECTIONS 350, 351, 352 and 353, and as amended by chapter 359, Laws 1887, as follows:

"The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be apportioned to different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common purposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to time, and extend it to other descriptions of buildings and establishments. All extra charges for water shall be deemed to be included in the regular rents, and shall become a charge and lien upon the buildings upon which they are respectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears. Such regular rents, including the extra charges above mentioned, 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, including the extra charges aforesaid, shall become a charge and lien upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters."

"The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of such reasonable rules as he may, from time to time, prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents."

The regular annual rents to be collected by the Department of Public Works shall be as follows, to wit:

Croton Water Rates for Buildings from 16 to 50 feet, all others not specified subject to Special Rates

FRONT WIDTH.	1 Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories.
16 feet and under.	\$4 00	\$5 00	\$6 00	\$7 00	\$8 00
16 to 18 feet....	5 00	6 00	7 00	8 00	9 00
18 to 20 feet....	6 00	7 00	8 00	9 00	10 00
20 to 22½ feet....	7 00	8 00	9 00	10 00	11 00
22½ to 25 feet....	8 00	9 00	10 00	11 00	12 00
25 to 30 feet....	10 00	11 00	12 00	13 00	14 00
30 to 37½ feet....	12 00	13 00	14 00	15 00	16 00
37½ to 50 feet....	14 00	15 00	16 00	17 00	18 00

The rent of all tenements which shall exceed in width fifty feet shall be the subject of special contract with the Commissioner of Public Works.

The apportionment of the regular rents upon dwelling-houses are on the basis that but one family is to occupy the same, and for each additional family, one dollar per year shall be charged.

METERS will be placed on all houses where waste of water is found, and they will be charged at rates fixed by the Department for all the water passing through them.

The extra and miscellaneous rates shall be as follows, to wit:

BAKERS.—For the average daily use of flour, for each barrel, three dollars per annum.

BARBER SHOPS shall be charged from five to twenty dollars per annum each in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bathtub therein.

BATHING TUBS in private houses, beyond one, shall be charged at three dollars per annum each, and five dollars per annum each in public houses, boarding-houses, and bathing establishments. Combination stationary wash-tubs, having a movable division in the centre and capable of use for bathing, shall be charged the same as bathing tubs.

BUILDING PURPOSES.—For each one thousand bricks laid, or for stone-work—to be measured as bricks—ten cents per thousand. For plastering, forty cents per hundred yards.

COWS.—For each and every cow, one dollar per annum. DINING SALOONS shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

FISH STANDS (retail) shall be charged five dollars per annum each.

For all stables not metered, the rates shall be as follows: HORSES, PRIVATE.—For two horses there shall be charged six dollars per annum; and for each additional horse, two dollars.

HORSES, LIVERY.—For each horse up to and not exceeding thirty in number, one dollar and fifty cents each per annum; and for each additional horse, one dollar.

HORSES, OMNIBUS AND CART.—For each horse, one dollar per annum.

HORSE TROUGHS.—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

HOTELS AND BOARDING HOUSES shall, in addition to the regular rate for private families, be charged for each lodging room, at the discretion of the Commissioner of Public Works.

LAUNDRIES shall be charged from eight to twenty dollars per annum, in the discretion of the Commissioner of Public Works.

LIQUOR AND LAGER BEER SALOONS shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

PHOTOGRAPH GALLERIES shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

PRINTING OFFICES, when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

SODA, MINERAL WATER AND ROOT BEER FOUNTAINS shall be charged five dollars per annum each.

STEAM ENGINES, where not metered, shall be charged by the horse-power, as follows: For each horse-power up to and not exceeding ten, the sum of ten dollars per annum; for each exceeding ten, and not over fifteen, the sum of seven dollars and fifty cents each and for each horse-power over fifteen, the sum of five dollars.

WATER-CLOSETS AND URINALS.—To each building on a lot one water-closet having sewer connection is allowed without charge; each additional water-closet or urinal will be charged as hereinafter stated. All closets connected in any manner with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises. Urinals shall be charged two dollars per annum each.

WATER-CLOSET RATES.—For hoppers of any form, when water is supplied direct from the Croton supply, through any form of the so-called single or double valves, hopper-cocks, stop-cocks, self-closing cocks, or any valve or cock of any description attached to the closet, each, per year, twenty dollars.

For any pan closet, or any of the forms of valve, plunger, or other water-closet not before mentioned, supplied with water as above described, per year, ten dollars.

For any form of hopper or water-closet, supplied from the ordinary style of cistern filled with ball-cock, and overflow pipe that communicates with the pipe to the water-closet, so that overflow will run into the hopper or water-closet, when ball-cock is defective, or from which an unlimited amount of water can be drawn by holding up the handle, per year, each, five dollars.

For any form of hopper or water-closet, supplied from any of the forms of waste-preventing cisterns, that are approved by the Engineer of the Croton Aqueduct, which are so constructed that not more than three gallons of water can be drawn at each lift of the handle, or depression of the seat, if such cisterns are provided with an overflow pipe, such overflow pipe must not connect with the water-closet, but be carried like a safe-waste, as provided by the Board of Health regulations, per year, two dollars.

Cistern answering this description can be seen at this Department.

#### METERS.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 352, Laws of 1882, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law."

All manufacturing and other business requiring a large supply of water will be fitted with a meter.

Water measured by meter, ten cents per one hundred cubic feet.

#### Rate Without Meters.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.	PER ANNUM, AMOUNT.
25	05	\$3 75
50	05	7 50
60	05	9 00
70	05	10 50
80	05	12 00
90	05	13 50
100	05	15 00
150	05	22 50
200	05	30 00
250	04½	33 75
300	04	36 00
350	03½	36 75
400	03½	42 00
500	03½	52 50
600	03½	63 00
700	03½	73 50
800	03½	84 00
900	03½	94 50
1,000	03½	105 00
1,500	02	135 00
2,000	02½	150 00
2,500	02½	180 00
3,000	02½	225 00
4,000	02½	280 00
4,500	02½	303 75
5,000	02½	333 50
6,000	02	360 00
7,000	02	420 00
8,000	02	480 00
9,000	02	540 00
10,000	02	600 00

The rate charged for steam-vessels taking water daily or belonging to daily lines, is one-half cent per ton (Custom House measurement) for each time they take water.

Steamers taking water other than daily, one cent per ton (Custom House measurement).

Water supplied to sailing vessels and put on board, twenty-five cents per hundred gallons.

All meters not hereinbefore embraced are reserved for special contract by and with the Commissioner of Public Works.

HYDRANTS, HOSE, TROUGHS, FOUNTAINS, ETC., ETC.

No owner or tenant will be allowed to supply water to another person or persons.

All persons taking water from the City must keep their own service-pipes, street tap, and all fixtures connected therewith, in good repair, protected from frost, at their own risk and expense, and shall prevent all waste of water.

The use of hose to wash coaches, omnibuses, wagons, railway cars or other vehicles or horses, cannot be permitted.

No horse-troughs or horse-watering fixtures will be permitted in the street or on the sidewalk, except upon a license or permit taken out for that purpose. All licenses or permits must be annually renewed on the first of May. Such fixtures must be kept in good order and the water not allowed to drip or waste by overrunning the sidewalk or street, or to become dangerous in winter by freezing in and about such troughs or fixtures.

No hydrant will be permitted on the sidewalk or in the front area, and any hydrant standing in a yard or alley, attached to any dwelling or building, must not be left running when not in actual use, and if the drip or waste from such hydrant freezes and becomes dangerous in winter, the supply will be shut off in addition to the penalty of five dollars imposed.

Taps at wash-basins, water-closets, baths and urinals must not be left running, under the penalty of five dollars for each offense, which will be strictly enforced.

Fountains or jets in hotels, porter-houses, eating-saloons, confectioneries or other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, yards, court-yards, gardens, and about stables, is prohibited. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the police or inspectors of this department may understand that the permission is not for the use of Croton water.

Opening fire-hydrants to fill hand sprinklers or other vessels will not be allowed.

The penalty for a violation of any of the preceding rules and regulations will be five dollars for each offense, and if not paid when imposed will become a lien on the premises in like manner as all other charges for unpaid water rates.

By order,  
JOHN NEWTON,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
NO. 31 CHAMBERS STREET,  
NEW YORK, June 21, 1887.

#### PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 559, Laws of 1887, amending sections 350 and 351 of the New York City Consolidation Act of 1882, passed June 9, 1887, the following changes are made in charging and collecting water rents:

1st. All extra charges for water incurred from and after June 9, 1887, shall be treated, collected and returned in arrears in the same manner as regular rents have heretofore been treated.

2d. In every building where a water meter or meters are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

3d. The returns of arrears of water rents, including the year 1887, shall be made as heretofore on the confirmation of the tax levy by the Board of Aldermen, and shall include all charges and penalties of every nature.

4th. A penalty of five dollars (\$5) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful manner, are violated, and such penalties will be entered on the books of the Bureau against the respective buildings or property, and, if not collected, be returned in arrears in like manner as other charges for water.

5th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 1887, will be canceled of record on the books of the Department.

D. LOWBER SMITH,  
Deputy and Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
NO. 31 CHAMBERS STREET,  
NEW YORK, November 10, 1886.

#### NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens claiming reductions or rebates on bills for water supplied through meters, on the alleged ground of leakage caused by defective plumbing and worn-out service pipes, or by willful waste of water by tenants allowing the faucets to be turned on in full force in water-closets, sinks, etc., without the knowledge or consent of the owners of the premises.

The main object of the use of water-meters is to enable this Department to detect and check the useless and unwarrantable waste of an element so valuable and essential to the health and comfort of all the citizens, and this object can only be accomplished by enforcing payment for the water wasted.

Under the law all charges for water supplied through meters are a lien against the respective premises, and the law therefore holds the owner of the premises responsible for the amount of water used or wasted.

Notice is therefore given to all householders that in all further applications for reduction of water rents, no allowance will be made on account of waste of water occurring through leaks, from defective service pipes or plumbing, or wasteful use of water by tenants or occupants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings.

House-owners are further notified that whenever their premises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with no deductions in extra water rents will be allowed for any portion of one year.

JOHN NEWTON,  
Commissioner of Public Works.

#### GRANTS OF LANDS UNDER WATER.

THE OWNERS OF LANDS IN THE CITY OF New York, which were formerly under water, and which were granted by the City of New York, are notified that nearly all of the grants of such lands contain covenants, on the part of the grantees, and their successors and assigns, to maintain and keep in repair the adjacent streets. The condition of many of these streets is such as to make it necessary that they should be repaired and repaved, and that the obligation resting upon the present owners of adjacent lots to do this work should now be enforced. Many of such owners have requested that such covenants be commuted, and wholly released, upon the payment by them of a certain sum per lot.

The matter will shortly be presented to the Commissioners of the Sinking Fund for their consideration, and the adjustment of the basis of commutation, and application for releases should therefore be made at once.

They may be sent to the undersigned.

Dated New York City, August 7, 1888.

JOHN NEWTON,  
Commissioner of Public Works.

#### THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Price, single copy, 3 cents; annual subscription, by mail, \$5.30.

WILLIAM G. McLAUGHLIN,  
Supervisor