

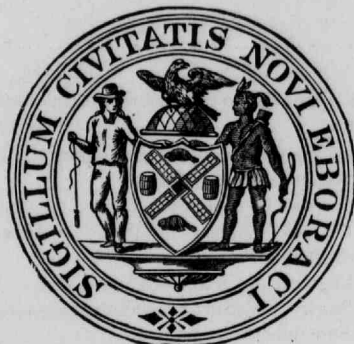
# THE CITY RECORD.

## OFFICIAL JOURNAL.

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### DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending March 31, 1893.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
NO. 31 CHAMBERS STREET,  
NEW YORK, May 3, 1893.

Hon. THOMAS F. GILROY, Mayor :

DEAR SIR—In accordance with the provisions of section 49 of the New York City Consolidation Act of 1882, I have the honor to present the following report of the transactions of the Department of Public Works for the quarter ending March 31, 1893 :

#### SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation (Consolidation Act of 1882, section 189) .....	\$590,733 49
On account of Local Improvement Fund for Street Improvements (Consolidation Act, sections 144 and 150) .....	134,218 90
On account of Funded Debt for Improvement and Extension of Water Supply (Consolidation Act, section 141) .....	59,087 49
On account of Repavement Fund (chapter 346, Laws of 1889) .....	8,822 53
On account of Repavement Fund (chapter 35, Laws of 1892) .....	39,678 83
On account of Criminal Court-house Fund (chapter 371, Laws of 1887, section 8) .	36,210 00
On account of Fund for Public Building, Twelfth Ward (chapter 487, Laws of 1890)	3,364 50
On account of Fund for One Hundred and Fifty-fifth Street Viaduct (Consolidation Act, section 144, and chapter 576, Laws of 1887) .....	6,954 32
On account of Fund for New Harlem River Bridge at Third Avenue .....	1,716 23
On account of Special Fund for restoring pavements over street openings (Revised Ordinances of 1880, sections 354 to 357) .....	8,581 43
On account of Revenue Bonds for furnishing and setting water-meters (Consolidation Act, sections 161 and 352) .....	5,614 38
On account of Fund for Bridge over Harlem Ship Canal .....	1,154 37
On account of Additional Croton Water Fund, authorized by chapter 189 of the Laws of 1893 .....	1,214 74
Total .....	\$897,351 21

#### SUMMARY STATEMENT OF CONTRACTS.

Contracts Entered into During the Quarter.

15 sewer contracts, estimated cost .....	\$95,108 83
4 regulating and grading contracts, estimated cost .....	26,210 63
6 paving and repaving contracts, estimated cost .....	211,274 60
2 contracts for water-mains, estimated cost .....	156,130 00
19 miscellaneous contracts, estimated cost .....	255,236 32
46 contracts ; total estimated cost .....	\$743,960 38

Contracts Completed during the Quarter.

3 sewer contracts, cost .....	\$16,193 79
8 regulating and grading contracts, cost .....	33,162 48
8 paving and repaving contracts, cost .....	42,003 15
7 miscellaneous contracts, cost .....	76,727 93
26 contracts ; total cost .....	\$168,087 35

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

The rainfall in the Croton water-shed and the Bronx river water-shed for the past three months has been abundant, as shown by the following table :

LOCATIONS.	JANUARY. INCHES.	FEBRUARY. INCHES.	MARCH. INCHES.	TOTAL. INCHES.
Boyd's Corners Reservoir .....	4.03	8.05	4.52	16.60
South East Reservoir .....	3.21	7.86	4.39	15.44
Kensico Reservoir .....	3.48	5.42	4.01	12.91
Croton Dam .....	3.93	5.78	3.55	13.26
Central Park Reservoir .....	3.07	4.40	4.40	11.87

All the storage reservoirs are filled to high water-mark, and contain a reserve supply of 17,000,000,000 gallons of water.

Owing to the severity of the weather, the work on the construction of Reservoir A has been slow.

Under the provisions of chapter 189 of the Laws of 1893, conferring additional powers on the Department of Public Works for the preservation of the purity of the Croton water supply, active measures have been begun.

The New Aqueduct has been thoroughly tested in changing the flow and pressure of water through it, and the results of the tests have been satisfactory.

The ordinary work of care and maintenance of the aqueducts and reservoirs has received due attention.

In extending and improving the water service 1,786 lineal feet of water-mains have been laid, and 10 stop-cocks and 21 fire-hydrants placed.

The high-service pumping works now furnish a daily supply of 23,000,000 gallons of water to the houses on high ground located above the level at which water can be conveniently delivered from the ordinary service. Work has been begun on the foundations for additional high-service pumping works.

An average daily supply of 169,000,000 gallons of water has been distributed in the city, but, even with this abundance of supply, the pressures in the distributing mains have at times been much reduced in consequence of the waste in allowing water to run through service-pipes continually to prevent freezing. The effect of this waste and loss of pressure in the delivery of the water has been most noticeable in the high-service districts, and inasmuch as the additional high-service pumping works cannot be completed in less than two or three years, and there will be, in the meantime, a constant increase in population and buildings, with a corresponding demand for increased water supply, it will become necessary to limit the high-service water supply to houses on ground not less than 65 feet above mean tide.

#### BUREAU OF WATER PURVEYOR.

At the close of last year there were 43 uncompleted contracts for paving and repaving streets, and, owing to the severity of the winter season, no work on laying new pavements has been done during the past quarter. A force of 62 mechanics, 57 laborers and 16 horses and carts has been employed in making pavement repairs in cases of emergency.

On the repairs of water-mains, stop-cocks and fire-hydrants, an average force of 36 mechanics, 92 laborers and 16 horses and carts has been employed, and 715 defects in water-mains and 987 defects in fire-hydrants have been repaired.

The number of excavations made in the streets for repairs of connections with sewers, water-mains, electric service and steam service, is 2,370.

Under the legislative appropriation for repavements and the regular annual repavement appropriation, 13 contracts for granite-block pavements, covering 184,250 square yards, and 43 contracts for asphalt pavements, covering 183,265 square yards, have been authorized.

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

During the quarter 5,497 linear feet of new sewers and eight receiving-basins were built, and the sewerage system of the city, south of the Harlem river, now includes 450 miles of sewers, with 5,387 receiving-basins.

The most important improvements in the sewerage system now in progress are the construction of sewers in South street, between Fulton and Wall streets ; in Twelfth and Thirteenth avenues, between Twenty-seventh and Thirtieth streets ; in Thirteenth avenue, between Twentieth and Twenty-third streets ; in Gansevoort and Horatio streets, between Thirteenth avenue and West street ; and in Third street, between Goerck street and the East river. All of these are parts of the system of intersecting sewers which has been devised to prevent the pollution of the water near the bulkheads and in slips, and provide for the discharge of sewage into the tidal currents at the ends of convenient piers. In the pursuit of this system, contracts have also been made for sewers in Burling slip, between South and Water streets ; in Wall street, between South and Pearl streets ; in Front street, at Burling slip and Wall street ; and in Thirty-third and Thirty-seventh streets, between First avenue and the East river. Important sewer works are in progress in the upper part of Manhattan Island, on Kingsbridge road, between Dykman and One Hundred and Seventy-fifth streets ; and on Amsterdam avenue, between One Hundred and Seventy-third and One Hundred Seventy-eighth streets, and a contract is about to be made for an outlet sewer in One Hundred and Sixty-seventh street and adjacent lands to the Harlem river, which will give great relief to a large district.

#### BUREAU OF STREET IMPROVEMENTS.

The most important regulating and grading works which have been in progress during the past quarter are : Grading the Boulevard, from One Hundred and Sixty-fifth to Inwood street ; grading Claremont avenue, from One Hundred and Twenty-second to One Hundred and Twenty-seventh street ; grading Dyckman street, from the Hudson river to Exterior street, at the Harlem river ; grading McComb's Dam road, from One Hundred and Forty-ninth to One Hundred and Fifty-fifth street ; and grading Convent avenue, from One Hundred and Thirty-fifth to One Hundred and Fiftieth street.

The aggregate quantities of work done under the several regulating and grading contracts are :

5,300 cubic yards earth excavated.
11,482 cubic yards rock excavated.
13,040 cubic yards filling placed in embankments.
3,278 lineal feet curb-stones set.
1,340 lineal feet curb-stones reset.
27,452 square feet new flagging laid.
6,128 square feet old flagging relaid.
700 cubic yards retaining-wall built.

#### BUREAU OF STREETS AND ROADS.

The care and maintenance of macadam roadways and unpaved streets, under the charge of this Bureau, have received proper attention. The details of the work done will be found in the report of the Superintendent of Streets hereto annexed.

#### BUREAU OF LAMPS AND GAS.

The following are the changes which have been made during the quarter in the service of lighting the public streets :

348 new electric-lamps placed and relighted.
22 new gas-lamps placed and relighted.
15 old gas-lamps relighted.
1,154 gas-lamps displaced by electric-lamps.
53 gas-lamps discontinued.

At the close of the quarter the streets, parks, places, docks and bridges of the city were lighted by 25,354 gas-lamps, 1,885 electric-lamps and 152 naphtha-lamps.

#### BUREAU OF REPAIRS AND SUPPLIES.

All the exterior work on the new Criminal Court building has been completed, and the building has been heated during the winter to facilitate the progress of interior work and protect it from damage by frost. The principal delay in the completion of the interior construction has been on the part of the contractor for the carpenter work, whose failure to prosecute his work with proper speed has kept back all other work. Except for this negligence and delay on his part the building could be ready for occupancy within 100 days.



All the work on the new Harlem Court-house has been completed, and every part of it is occupied for the purposes for which it has been designed, including the Fifth District Police Court, the Ninth Judicial District Court, the prison under the charge of the Commissioners of Charities and Correction, workshops for the Department Repair Force and quarters for the Janitor.

The many details of work required for the care and maintenance of public buildings and offices are too numerous to be embodied in this report, and will be found in the report of the Superintendent of Repairs and Supplies hereto annexed.

The Bureau report also gives details of the work which has been done in putting the 15 free floating baths in thorough repair for the bathing season.

## BUREAU OF INCUMBRANCES.

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

797 complaints of obstructions received and attended to.  
445 seizures and removals of obstructions made.  
1,002 permits issued to place building materials on streets.  
318 miscellaneous permits issued.  
4 permits issued to cut down shade-trees.  
17 notices issued to repair defective vault-covers.  
151 defective shade-trees removed.  
32 telegraph poles removed.  
164 miles of electric wires 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.....	\$549,833 10
For penalties on water rents.....	3,526 85
For permits to tap water-mains.....	1,248 50
Total.....	\$554,608 45

## MISCELLANEOUS REVENUE.

The following are the amounts collected from miscellaneous sources and paid into the City Treasury during the quarter :

For sewer permits.....	\$3,822 16
For vault permits.....	14,555 39
For redemption of street obstructions.....	375 75
For work and material furnished citizens.....	619 30
For articles sold at auction.....	214 65
For restoration of pavements over street openings.....	9,280 50
For furnishing and setting water-meters.....	2,443 70

Total..... \$31,311 45

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

Document A—Statement of appropriations and expenditures.  
Document B—Detailed statement of expenditures.  
Document C—Detailed statement of contracts.  
Document D—Report of the Chief Engineer of the Croton Aqueduct.  
Document E—Report of the Water Purveyor.  
Document F—Report of 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,

MICHAEL T. DALY, Commissioner of Public Works.

## Document "A."

Showing Titles of Appropriations; Appropriations and Transfers of 1892; Requisitions from January 1 to December 31, 1892; Requisitions on Liabilities of 1892 during First Quarter of 1893; Balances of 1892 on April 1, 1893; Appropriations for 1893; Requisitions, First Quarter, 1893; Balances on April 1, 1893; Memoranda of 1890 and 1891; also the Titles and Expenditures on Trust and Special Accounts.

TITLES OF APPROPRIATIONS.	APPROPRIATIONS, INCLUDING TRANSFERS, 1892.	REQUISITIONS FROM JANUARY 1 TO DECEMBER 31, 1892.	REQUISITIONS ON LIABILITIES OF 1892 DURING FIRST QUARTER, 1893.	BALANCES OF 1892, ON APRIL 1, 1893.	APPROPRIATIONS FOR 1893.	REQUISITIONS, FIRST QUARTER, 1893.	BALANCES ON APRIL 1, 1893.
Aqueduct—Repairs, Maintenance and Strengthening—							
Care, Maintenance and Repairs.....	\$215,000 00	\$199,803 56	\$8,332 81	\$6,863 63	\$215,000 00	\$36,028 12	\$178,971 88
For Removal of Old Gate-house at Tenth Avenue and One Hundred and Nineteenth Street, etc.....	.....	.....	.....	.....	65,000 00	.....	65,000 00
For Parapet Wall and Railing around the Old Central Park Reservoir.....	4,000 00	3,999 76	.....	24	.....	.....	.....
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	27,850 00	27,841 03	.....	8 97	27,850 00	6,774 84	21,075 16
Boring Examinations for Grading and Sewer Contracts.....	5,000 00	4,999 25	.....	75	5,000 00	721 00	4,279 00
Boulevards, Roads and Avenues, Maintenance of.....	90,000 00	88,741 92	1,258 04	04	90,000 00	12,393 35	77,606 65
For Resurfacing Sixth or Lenox avenue.....	40,000 00	7,864 50	1,243 20	30,892 30	.....	.....	.....
Boulevards, Roads and Avenues, Maintenance of—Salaries.....	2,500 00	2,499 96	.....	04	2,500 00	624 99	1,875 01
Bronx River Works—Maintenance and Repairs.....	25,000 00	22,852 69	1,335 36	811 95	20,000 00	4,750 00	15,250 00
Bronx River Works—Maintenance and Repairs—Salaries.....	2,400 00	1,441 38	.....	958 62	2,400 00	600 00	1,800 00
Contingencies—Department of Public Works.....	4,000 00	3,473 44	234 94	351 62	4,000 00	709 79	3,290 21
Flagging Sidewalks and Fencing Vacant Lots, etc.....	2,000 00	1,448 97	.....	551 03	3,600 00	.....	3,600 00
For New Fire Hydrants.....	5,000 00	3,508 30	586 00	905 70	5,000 00	.....	5,000 00
Free Floating Baths—Care and Maintenance.....	18,000 00	15,547 61	1,323 17	1,129 22	18,000 00	1,604 50	16,395 50
Free Floating Baths—Salaries.....	30,000 00	28,824 00	273 00	903 00	30,000 00	2,208 00	27,792 00
Lamps and Gas and Electric Lighting.....	804,900 00	730,965 34	70,613 22	3,321 44	906,000 00	132,553 99	773,446 01
Lamps and Gas and Electric Lighting—Salaries.....	6,500 00	6,368 08	.....	131 92	6,500 00	1,624 95	4,875 05
Laying Croton Pipes.....	231,290 00	191,945 83	12,366 92	26,977 25	230,290 00	3,648 50	226,641 50
Laying Croton Pipes—Salaries.....	18,710 00	18,307 98	222 00	180 02	19,710 00	4,707 00	15,003 00
Public Buildings—Construction and Repairs.....	116,500 00	82,411 92	27,982 14	6,105 94	80,000 00	11,005 71	68,994 29
Public Drinking-hydrants.....	2,000 00	1,763 65	215 76	20 59	2,000 00	55 00	1,945 00
Public Drinking-hydrants—Salaries.....	1,200 00	1,200 00	.....	.....	1,200 00	300 00	900 00
Removing Obstructions in Streets and Avenues.....	42,000 00	38,796 50	3,117 95	85 55	25,000 00	5,622 00	19,378 00
Removing Obstructions in Streets and Avenues—Salaries.....	7,800 00	7,725 00	.....	75 00	7,800 00	2,025 00	5,775 00
Repairing and Renewal of Pipes, Stop-cocks, etc.....	215,000 00	202,519 71	7,076 71	5,403 58	215,000 00	39,507 41	175,492 59
Repairs and Renewal of Pavements and Regrading.....	350,000 00	304,063 03	7,248 68	38,688 29	270,000 00	12,372 73	257,627 27
Repairs and Renewal of Pavements and Regrading—Salaries.....	17,000 00	15,453 98	147 00	1,399 02	17,000 00	3,305 48	13,694 52
Repaving Streets and Avenues.....	348,800 00	253,696 49	2,472 61	92,630 90	240,000 00	.....	240,000 00
Repaving Streets and Avenues—Salaries.....	13,000 00	12,692 00	87 50	220 50	13,000 00	1,217 50	11,782 50
Roads, Streets and Avenues Unpaved—Maintenance, etc.....	30,000 00	27,949 04	2,006 32	44 64	30,000 00	1,518 94	28,481 06
Salaries—Department of Public Works.....	95,000 00	94,837 41	.....	162 59	95,000 00	23,647 72	71,352 28
Salaries—Engineer, Clerks, Inspectors, etc.....	58,000 00	55,599 45	524 00	1,876 55	58,000 00	13,377 88	44,622 12
Salaries—Engineer and Inspectors—Repaving, Chapter 346, Laws 1889.....	10,000 00	9,909 95	.....	90 05	.....	.....	.....
Sewers—Repairing and Cleaning.....	115,000 00	111,120 95	3,825 94	53 11	100,000 00	20,669 62	79,330 38
Sewers—Repairing and Cleaning—Salaries.....	10,000 00	9,831 92	120 00	48 08	10,000 00	2,297 98	7,702 02
Sewerage System—Salaries.....	8,400 00	8,353 34	.....	46 66	8,400 00	2,100 00	6,300 00
Street Improvements—For Surveying, Monumenting, etc.....	3,000 00	2,406 50	105 00	488 50	6,500 00	543 50	5,956 50
Supplies for and Cleaning Public Offices, etc.....	139,250 00	114,016 78	22,084 83	3,148 39	137,000 00	26,937 80	110,062 20
Supplies for and Cleaning Public Offices, etc.—Salaries.....	18,920 00	18,121 66	.....	798 34	21,720 00	5,516 93	16,203 07
Supplying Water to Shipping and for Building Purposes—Salaries.....	10,000 00	8,969 00	108 50	922 50	10,000 00	2,306 00	7,694 00
Surveys, Maps, etc., for Street Openings, etc.—Salaries.....	7,100 00	7,099 92	.....	08	7,600 00	1,899 99	5,700 01
Water Supply for the Twenty-fourth Ward.....	5,000 00	4,310 78	482 19	207 03	6,500 00	.....	6,500 00
Water Supply for the Twenty-fourth Ward—Salaries.....	1,200 00	1,200 00	.....	.....	1,200 00	248 39	951 61
Wells and Pumps—Repairing and Cleaning.....	250 00	13 55	.....	236 45	250 00	.....	250 00
Totals.....	\$3,156,570 00	\$2,754,436 13	\$175,393 79	\$226,740 08	\$3,014,020 00	\$385,424 61	\$2,628,595 39

NOTE.—Requisitions drawn First Quarter, 1893, on Liabilities of 1890—For Completing the Excavation in the Old Central Park Reservoir, \$4,032; on Liabilities of 1891—For Laying Croton-pipes, \$382.87; for Repaving Streets and Avenues, \$25,500.22; for Repaving—Chapter 346, Laws of 1889, for the year 1889, \$1,101.46; for the year 1890, \$2,736.07; for the year 1891, \$4,985; for Repaving—Chapter 35, Laws of 1892; for the year 1892, \$35,882.93; for the year 1893, \$3,795.90.



TITLES OF TRUST ACCOUNTS.	BALANCES AND RETURNS OF ARRAERS FROM 1892.	RECEIPTS, FIRST QUARTER, 1893.	BALANCES, ETC., 1892, AND RECEIPTS, FIRST QUARTER, 1893.	REQUISITIONS, FIRST QUARTER, 1893.	BALANCES ON APRIL 1, 1893.
Croton Water Fund.....				\$59,087 49	
Street Improvement Fund.....				134,218 90	
Restoring and Repaving—Special Fund— Department of Public Works.....	\$19,903 40	\$9,324 50	\$29,227 90	8,581 43	\$20,646 47
Water-meter Fund, No. 2.....	21,792 40	2,443 70	24,236 10	5,614 38	18,622 02
Criminal Court-house Fund.....				36,210 00	
Fund for Viaduct, from St. Nicholas Place to McComb's Dam Bridge.....			88,439 97	6,954 32	81,485 65
Public Building, Twelfth Ward, Construction of Foundation of Pavement, One Hundred and Fifty-fifth Street Viaduct.....			52,912 74	3,364 50	49,548 24
Bridge across Harlem River at Third Avenue. Bridge across Harlem Ship Canal at Kings- bridge Road.....			4,875 00		4,875 00
Water-main Stock.....			18,345 50	1,716 23	16,629 27
Additional Water Fund.....			399,900 00	1,154 37	398,745 63
			250,000 00	1,214 74	248,785 26
			50,000 00		50,000 00

Statement of General Bookkeeper, D. P. W., showing all Revenues of the City received through the Department of Public Works during the First Quarter, 1893.

SOURCE OF REVENUE.	TOTALS.
Water rents.....	\$549,833 10
Water penalties.....	3,526 85
Pipe tapping.....	1,248 50
Sewer permits.....	3,822 16
Vault permits.....	14,555 39
Redemption of street obstructions.....	375 75
Sales at auction.....	409 05
Work and materials furnished citizens.....	619 30
Total.....	\$574,390 10

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, 1893.

Aqueduct—Repairs, Maintenance and Strengthening, 1893—	
Coal.....	\$57 50
Hardware supplies.....	57 13
Horse-hire.....	180 00
Lumber.....	100 13
Manure.....	300 00
Oil.....	513 20
Pay-rolls.....	30,779 41
Plumbing.....	86 80
Repairs to engines and pumps.....	1,518 19
Sewer assessments.....	345 47
Sundry supplies.....	29 94
Traveling expenses.....	45 33
Taxes.....	2,015 02
Total.....	\$36,028 12
Aqueduct—Repairs, Maintenance and Strengthening, 1892—	
Blacksmithing.....	\$408 76
Coal.....	246 85
Coping-stone.....	951 75
Cotton-waste.....	76 32
Covering cylinders.....	119 91
Hardware supplies.....	96 05
Horse-hire.....	279 00
Lumber.....	327 57
Oil.....	245 17
Pay-rolls.....	1,232 94
Plumbing.....	12 80
Repairs to engines.....	506 65
Repair to roof, etc.....	216 16
Rental of telephones.....	300 00
Sundry supplies.....	503 06
Taxes.....	2,041 97
Traveling expenses.....	21 14
Wheelbarrows.....	101 71
Wood.....	45 00
Total.....	\$8,332 81
Aqueduct—Repairs, Maintenance and Strengthening, 1890—	
Improvement of Old Reservoir, Central Park.....	\$4,032 00
Boring Examinations for Grading and Sewer Contracts, 1893—	
Pay-rolls.....	\$721 00
Boulevards, Roads and Avenues, 1893—	
Coal.....	\$57 30
Hardware supplies.....	52 00
Horse-hire.....	180 00
Lumber.....	140 54
Pay-rolls.....	11,590 18
Rent of lot, One Hundred and Twentieth street and St. Nicholas avenue.....	333 33
Rubber hose.....	40 00
Total.....	\$12,393 35
Boulevards, Roads and Avenues, 1892—	
Coal and wood.....	\$77 00
Pay-rolls.....	359 50
Paint.....	94 78
Rent of lot, One Hundred and Twentieth street and St. Nicholas avenue.....	666 66
Repairs to Sprinklers.....	30 15
Resurfacing Sixth, or Lenox avenue, from One Hundred and Tenth to One Hundred and Forty-fifth street.....	1,201 20
Telephone services.....	71 95
Total.....	\$2,501 24

Bronx River Works, 1893—	
Horse-manure.....	\$225 00
Lumber.....	84 00
Pay-rolls.....	4,441 00
Total.....	\$4,750 00
Bronx River Works, 1892—	
Coal.....	\$48 80
Pay-rolls.....	356 00
Taxes.....	930 56
Total.....	\$1,335 36
Contingencies—Department of Public Works, 1893—	
Horse-hire.....	\$180 00
Miscellaneous incidental expenses.....	120 09
Postage stamps.....	400 00
Traveling expenses.....	9 70
Total.....	\$709 79
Contingencies—Department of Public Works, 1892—	
Horse-hire.....	\$90 00
Miscellaneous incidental expenses.....	88 98
Pay-rolls.....	50 06
Traveling expenses.....	5 90
Total.....	\$234 94
For New Fire-hydrants, 1892—	
Placing hydrants.....	\$586 00
Free Floating Baths—Care and Maintenance, 1893—	
Pay-rolls.....	\$252 00
Removing anchors.....	10 00
Traveling expenses.....	15 00
Wharfage.....	1,327 50
Total.....	\$1,604 50
Free Floating Bath—Care and Maintenance, 1892—	
Hardware supplies.....	\$101 52
Lumber.....	199 41
Pumps.....	240 00
Pay-rolls.....	21 00
Scow.....	55 00
Traveling expenses.....	8 74
Wharfage.....	697 50
Total.....	\$1,323 17
Lamps and Gas and Electric Lighting, 1893—	
Cross-heads.....	\$54 00
Gas examinations.....	298 00
Globes.....	90 00
Gauges.....	45 75
Horse-hire.....	336 00
Lamp-posts.....	70 95
Lighting public offices.....	10,498 25
Lighting streets.....	120,247 99
Pay-rolls.....	758 50
Street signs.....	154 55
Total.....	\$132,553 99
Lamps and Gas and Electric Lighting, 1892—	
Cross-heads.....	\$216 00
Fire-alarm signal lamps.....	82 50
Gas examinations.....	157 00
Horse-hire.....	182 00
Lamp-posts.....	150 55
Lighting public offices.....	4,093 30
Lighting streets.....	63,789 37
Pay-rolls.....	51 00
Police globes.....	84 00
Ruby door-glass.....	93 75
Rent of photometrical rooms.....	240 00
Street lamps.....	1,138 80
Street signs.....	261 20
Traveling expenses.....	73 75
Total.....	\$70,613 22
Laying Croton Pipes, 1893—	
Pay-rolls.....	\$3,559 50
Traveling expenses.....	89 00
Total.....	\$3,648 50
Laying Croton Pipes, 1892—	
Cast-iron pipe.....	\$11,334 87
Horse-hire.....	270 00
Laying pipe.....	447 55
Pay-roll.....	251 00
Traveling expenses.....	63 50
Total.....	\$12,366 92
Laying Croton Pipes, 1891—	
Laying pipe.....	\$382 87
Public Buildings—Construction and Repairs, 1893—	
Armory, Eighth Regiment.....	\$45 32
" Ninth Regiment.....	13 63
" Sixty-ninth Regiment.....	50 65
" Seventy-first Regiment.....	6 99
" Twelfth Regiment.....	52 76
" Twenty-second Regiment.....	578 30
" Troop "A".....	109 99
Brown-stone Building.....	622 32
Bureau of Repairs and Supplies.....	754 91
City Hall.....	426 42
Court, First District Civil.....	76 31
" Second ".....	833 84
" Third ".....	19 87
" Fifth ".....	3 30
" Seventh ".....	74 62
" Tenth ".....	6 00
" First District Police.....	18 10
" Third ".....	7 20
" Fourth ".....	6 35
Court-house, County.....	1,336 97
" Harlem.....	7 28
Court, Third District.....	54 24
" Seventh District.....	114 29
Department of Buildings.....	74 50
" Public Works.....	690 72
" Street Improvements, Twenty-third and Twenty-fourth Wards.....	172 26



## Public Buildings—Construction and Repairs, 1893—

Hall of Records	\$391 72
Ludlow Street Jail	7 20
Market, Centre	56 91
" Clinton	41 36
" Fulton	51 53
" Jefferson	45 18
" Tompkins	94 87
" Union	35 78
" Washington	492 65
Pay-rolls	3,264 75
Stewart Building	265 49
No. 27 Chambers street	97 41
No. 49 Beekman street	14 20
No. 5 Duane street	6 39
Third avenue and One Hundred and Sixty-sixth street	27 43
Rivington street and East river	9 70
Total	\$11,005 71

## Public Buildings—Construction and Repairs, 1892—

Armory, Ninth Regiment	\$103 00
" Seventh Regiment	701 33
" Sixty-ninth Regiment	315 55
" Seventy-first Regiment	4,620 66
" Twelfth Regiment	1,297 71
" Twenty-second Regiment	1,073 81
" Troop "A"	93 00
" Second Battery	411 71
" Signal Corps	189 09
Brown-stone Building	893 63
Bureau of Repairs and Supplies	400 86
City Hall	381 69
County Jail	104 76
Court, First District Civil	93 00
" Second "	75 00
" Third "	36 27
" Eighth "	63 85
" Ninth "	518 38
" First District Police	9 06
" Fourth "	109 48
" Fifth "	542 88
" Common Pleas	105 10
Court-house, County	2,307 71
" Harlem	6,593 01
" Third District	862 85
" Seventh District	415 00
Department of Buildings	144 86
" of Public Works	855 01
Hall of Records	318 32
Ludlow Street Jail	9 02
Market, Catharine	495 00
" Centre	945 41
" Clinton	435 00
" Essex	746 66
" Fulton	152 70
" Jefferson	25 00
" Washington	353 16
" West Washington	255 00
Pay-rolls	371 50
Stewart Building	562 43
No. 49 Beekman street	51 12
No. 5 Duane street	3 56
Total	\$27,982 14

## Public Drinking-hydrants, 1893—

Repairing hydrants	\$55 00
Total	\$215 76

## Removing Obstructions in Streets and Avenues, 1893—

Horse-hire	\$180 00
Pay-rolls	1,327 00
Removing obstructions	300 30
Removing poles and wire	3,404 00
Removing trees	325 50
Traveling expenses	85 20
Total	\$5,622 00

## Removing Obstructions in Streets and Avenues, 1892—

Horse-hire	\$90 00
Pay-roll	98 00
Removing obstructions	622 25
Removing poles and wires	2,074 00
Removing trees	175 00
Traveling expenses	58 70
Total	\$3,117 95

## Repairing and Renewal of Pipes, Stop-cocks, etc., 1893—

Coke	\$35 00
Caulking-yarn	613 29
Hardware supplies	276 22
Lead	413 24
Lumber	89 77
Oil	31 70
Pay-roll	37,587 31
Traveling expenses	36 38
Wood	360 00
Wooden plugs	64 50
Total	\$39,507 41

## Repairing and Renewal of Pipes, Stop-cocks, etc., 1892—

Caulking-yarn	\$75 00
Coal	322 50
Coke	70 00
Changing taps	100 20
Hardware supplies	168 92
Horse-hire	270 00
Lead	208 50
Pay-rolls	3,398 37
Stop-cocks	1,484 20
Sundry supplies	99 48
Repairing hydrants	388 64
Traveling expenses	15 00
Telephone service	291 30
Wood	90 00
Wooden plugs	94 60
Total	\$7,076 71

## Repairs and Renewal of Pavements and Regrading, 1893—

Horse-hire	\$357 09
Pay-rolls	11,893 24
Repairing tools	99 55
Traveling expenses	22 85
Total	\$12,372 73

## Repairs and Renewal of Pavements and Regrading, 1892—

Broken-stone for concrete	\$200 00
Coal and coke	32 00
Hardware supplies	160 00
Horse-hire	275 00
Oil	10 70
Paving cement	479 76
Pay-rolls	2,699 50
Rent of lot, One Hundredth street	62 50
Repairing pavement	119 90
" tar-kettle	27 00
" tools	394 35
Sand	2,621 12
Traveling expenses	76 85
Wood	90 00
Total	\$7,248 68

## Repaving (Chap. 346, Laws of 1889), 1889—

Lexington avenue, from Twenty-first to Sixty-ninth street	\$990 09
Twenty-fifth street, from Broadway to Sixth avenue	111 37
Total	\$1,101 46

## Repaving (Chap. 346, Laws of 1889), 1890—

Eighth avenue, from Thirteenth to Fifty-ninth street	\$2,736 07
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## Repaving (Chap. 346, Laws of 1889), 1891—

Sixth avenue, from Carmine to Twenty-third street	\$4,985 00
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## Repaving (Chap. 35, Laws of 1892), 1893—

Horse-hire	\$90 00
Pay-rolls	5,544 95
Traveling expenses	12 60
Total	\$5,647 55

## Repaving (Chap. 35, Laws of 1892), 1892—

Dey street, from Greenwich to West street	\$2,555 87
Fourth avenue, from Bowery to Thirty-second street	13,365 10
Fulton street, from Broadway to Pearl street	14,598 87
Liberty street, from Greenwich to West street	3,071 09
Horse-hire	90 00
Pay-rolls	335 00
Traveling expenses	15 35
Total	\$34,031 28

## Repaving Streets and Avenues, 1892—

Thames street, from Broadway to Greenwich street	\$2,472 61
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## Repaving Streets and Avenues, 1891—

Third avenue, from Sixth to Twenty-third street	\$25,500 22
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## Roads, Streets and Avenues, Unpaved, etc., 1893—

Pay-rolls	\$1,518 94
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## Roads, Streets and Avenues, Unpaved, etc., 1892—

Coal	\$23 00
Hardware and sundry supplies	273 08
Horse-hire	90 00
Pay-rolls	1,563 05
Repairs to sprinklers	57 19
Total	\$2,006 32

## Sewers—Repairing and Cleaning, 1893—

Cleaning sewers	\$2,890 88
Horse-hire	180 00
Manhole-heads and covers	749 34
Pay-rolls	16,739 50
Sundry supplies	43 25
Traveling expenses	66 65
Total	\$20,669 62

## Sewers—Repairing and Cleaning, 1892—

Brick and cement	\$86 00
Cleaning sewers	650 73
Correcting insurance maps	105 00
Horse-hire	180 00
Hood traps	250 00
Manhole-heads and covers	453 18
Pay-rolls	1,858 50
Repairing instruments	43 25
Repairing tools	18 08
Sand	37 50
Sundry supplies	10 50
Traveling expenses	133 20
Total	\$3,825 94

## Street Improvements—For Surveying, Monumenting, etc., 1893—

Pay-rolls	\$543 50
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## Street Improvements—For Surveying, Monumenting, etc., 1892—

Correcting insurance maps	\$60 00
Pay-rolls	45 00
Total	\$105 00

## Supplies for and Cleaning Public Offices, 1893—

Armory, Ninth Regiment	\$9 00
" Sixty-ninth Regiment	9 00
" Twelfth	9 00
" Troop "A"	9 00
Bureau of Repairs and Supplies	1,632 16
Brown-stone Building	74 47
City Hall	33 50
Court, First District Civil	81 90
" Second "	2 00
" Third "	51 47
" Fourth "	2 00
" Fifth "	11 00
" Sixth "	2 00
" Seventh "	18 00
" Eighth "	28 45
" Ninth "	2 00
" Tenth "	2 00
" Eleventh "	2 00



## Supplies for and Cleaning Public Offices, 1893.—

Court, Third District Police.....	\$22 00
Fifth.....	48 00
Sixth.....	2 00
Common Pleas.....	34 45
City.....	16 50
General Sessions.....	31 60
Supreme.....	196 25
Surrogate.....	644 36
Court-house County.....	67 06
Harlem.....	412 74
Seventh District.....	35 00
Hall of Records.....	62 00
Office, Board of Aldermen.....	86 80
Commissioners of Accounts.....	75 22
Counsel to the Corporation.....	9 00
Corporation Attorney.....	5 00
County Clerk.....	146 25
Civil Service Boards.....	3 00
Department of Buildings.....	624 00
Department of Finance.....	20 50
Department of Public Works.....	206 42
Mayor.....	62 87
Pay-rolls.....	22,093 33
Rivington street and East river.....	1 00
Stewart Building.....	20 00
Tombs.....	12 50
One Hundred and Nineteenth street and St. Nicholas avenue.....	3 00
Total.....	\$26,937 80

## Supplies for and Cleaning Public Offices, 1892.—

Armory, First Battery.....	\$9 00
Ninth Regiment.....	9 00
Twelfth.....	9 00
Sixty-ninth.....	9 00
Seventy-first Regiment.....	9 00
Signal Corps.....	82 25
Bureau of Repairs and Supplies.....	14,602 03
Brown-stone Building.....	40 00
City Hall.....	2,272 05
Court, First District Civil.....	9 00
Second.....	37 44
Fourth.....	400 00
Sixth.....	240 00
Tenth.....	9 00
City.....	52 50
Common Pleas.....	16 92
General Sessions.....	115 95
Supreme.....	272 90
Surrogate.....	649 38
Court-house, County.....	213 50
Harlem.....	180 14
Seventh District.....	27 00
Hall of Records.....	9 00
Office, Attorney for the Collection of Arrears of Personal Taxes.....	21 50
Board of Assessors.....	169 50
Board of Aldermen.....	172 75
Board of Street Openings.....	569 60
Commissioner of Accounts.....	31 60
Corporation Attorney.....	23 40
Counsel to the Corporation.....	5 50
District Attorney.....	104 00
Department of Buildings.....	72 60
Department of Finance.....	142 25
Department of Public Works.....	355 76
Mayor.....	23 00
Public Administrator.....	147 71
Pay-rolls.....	959 00
Ludlow Street Jail.....	7 50
Tombs.....	4 50
Total.....	\$22,084 83

## Water Supply for the Twenty-fourth Ward, 1892.—

Supply of water.....	\$482 19
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## RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening, 1893.....	\$36,028 12
Aqueduct—Repairs, Maintenance and Strengthening, 1892.....	8,332 81
Aqueduct—Repairs, Maintenance and Strengthening, 1890.....	4,032 00
Aqueduct—Repairs, Maintenance and Strengthening—Salaries, 1893.....	6,774 84
Boring Examinations for Grading and Sewer Contracts, 1893.....	721 00
Boulevards, Roads and Avenues, 1893.....	12,393 35
Boulevards, Roads and Avenues, 1892.....	2,501 24
Boulevards, Roads and Avenues—Salaries, 1893.....	624 99
Bronx River Works—Maintenance and Repairs, 1893.....	4,750 00
Bronx River Works—Maintenance and Repairs, 1892.....	1,335 36
Bronx River Works—Maintenance and Repairs—Salaries, 1893.....	600 00
Contingencies—Department of Public Works, 1893.....	709 79
Contingencies—Department of Public Works, 1892.....	234 94
For New Fire-hydrants, 1892.....	586 00
Free Floating Baths—Care and Maintenance, 1893.....	1,604 50
Free Floating Baths—Care and Maintenance, 1892.....	1,323 17
Free Floating Baths—Care and Maintenance—Salaries, 1893.....	2,208 00
Free Floating Baths—Care and Maintenance—Salaries, 1892.....	273 00
Lamps and Gas and Electric Lighting, 1893.....	132,553 99
Lamps and Gas and Electric Lighting, 1892.....	70,613 22
Lamps and Gas and Electric Lighting—Salaries, 1893.....	1,624 95
Laying Croton-pipes, 1893.....	3,648 50
Laying Croton-pipes, 1892.....	12,366 02
Laying Croton-pipes, 1891.....	382 87
Laying Croton-pipes—Salaries, 1893.....	4,707 00
Laying Croton-pipes—Salaries, 1892.....	222 00
Public Buildings—Construction and Repairs, 1893.....	11,005 71
Public Buildings—Construction and Repairs, 1892.....	27,982 14
Public Drinking Hydrants, 1893.....	55 00
Public Drinking Hydrants, 1892.....	215 76
Public Drinking Hydrants—Salaries, 1893.....	300 00
Removing Obstructions in Streets and Avenues, 1893.....	5,622 00
Removing Obstructions in Streets and Avenues, 1892.....	3,117 95
Removing Obstructions in Streets and Avenues—Salaries, 1893.....	2,025 00
Repairing and Renewal of Pipes, Stop-cocks, 1893.....	39,507 41
Repairing and Renewal of Pipes, Stop-cocks, 1892.....	7,076 71
Repairs and Renewal of Pavements and Regrading, 1893.....	12,372 73
Repairs and Renewal of Pavements and Regrading, 1892.....	7,248 68
Repairs and Renewal of Pavements and Regrading—Salaries, 1893.....	3,305 48
Repairs and Renewal of Pavements and Regrading—Salaries, 1892.....	147 00
Repaving—(Chapter 346, Laws of 1889), 1889.....	1,101 46
Repaving—(Chapter 346, Laws of 1889), 1890.....	2,736 07
Repaving—(Chapter 346, Laws of 1889), 1891.....	4,985 00
Repaving—(Chapter 35, Laws of 1892), 1893.....	5,647 55
Repaving—(Chapter 35, Laws of 1892), 1892.....	34,031 28
Repaving Streets and Avenues, 1892.....	2,472 61
Repaving Streets and Avenues, 1891.....	25,500 22
Repaving Streets and Avenues—Salaries, 1893.....	1,217 50
Repaving Streets and Avenues—Salaries, 1892.....	87 50
Roads, Streets and Avenues Unpaved, 1893.....	1,518 94
Roads, Streets and Avenues Unpaved, 1892.....	2,006 32

Salaries—Department of Public Works, 1893.....	\$23,647 72
Salaries of Engineer, Clerk, Inspectors, etc., 1893.....	13,377 88
Salaries of Engineer, Clerk, Inspectors, etc., 1892.....	524 00
Sewers—Repairing and Cleaning, 1893.....	20,669 62
Sewers—Repairing and Cleaning, 1892.....	3,825 94
Sewers—Repairing and Cleaning—Salaries, 1893.....	2,297 98
Sewers—Repairing and Cleaning—Salaries, 1892.....	120 00
Sewerage System—Salaries, 1893.....	2,100 00
Street Improvements—For Surveying, Monumenting, etc., 1893.....	543 50
Street Improvements—For Surveying, Monumenting, etc., 1892.....	105 00
Supplies for and Cleaning Public Offices, 1893.....	26,937 80
Supplies for and Cleaning Public Offices, 1892.....	22,084 83
Supplies for and Cleaning Public Offices—Salaries, 1893.....	5,516 93
Supplying Water to Building and for Shipping Purposes—Salaries, 1893.....	2,306 00
Supplying Water to Building and for Shipping Purposes—Salaries, 1892.....	108 50
Surveys, Maps, etc., for Street Openings, etc.—Salaries, 1893.....	1,899 99
Water Supply for the Twenty-fourth Ward, 1892.....	482 19
Water Supply for the Twenty-fourth Ward—Salaries, 1893.....	248 39
Total.....	\$639,234 85

## TRUST ACCOUNTS.

Bridge across Harlem River at Third Avenue—	
Leveling-rod.....	\$11 25
Pay-rolls.....	1,704 98
Total.....	\$1,716 23

Bridge across Harlem Ship Canal, at Kingsbridge road—	
Borings.....	\$284 37
Excavation for test-pits.....	692 27
Pay-rolls.....	167 67
Traveling expenses.....	10 06
Total.....	\$1,154 37

Croton Water Fund—	
Certified copies of Deeds.....	\$123 00
Clerical services.....	758 36
Drawing materials.....	368 34
Hardware supplies.....	58 16
Horse-hire.....	482 00
Land.....	29,220 38
Professional services.....	20,388 21
Printing.....	116 65
Pay-rolls.....	15,762 62
Reservoir, near Amawalk.....	7,146 00
Reservoir and dam, Byram river.....	4,913 10
Rent of room, Stewart Building.....	300 00
Repairing instruments.....	137 37
Transit.....	200 00
Taxes.....	28 71
Traveling expenses.....	816 66
Total.....	\$80,819 56
Less amount drawn during quarter ending December 31, 1892, and canceled.....	21,732 07
Total.....	\$59,087 49

Criminal Court-house Fund—	
Heating (temporary).....	\$7,577 50
Mason work.....	18,375 00
Iron work.....	7,500 00
Pay-rolls.....	2,007 50
Plumbing, gas-fitting and drainage.....	750 00
Total.....	\$36,210 00

Fund for Viaduct from St. Nicholas Place, etc.—	
Architect's fees.....	\$226 78
Pay-roll.....	1,058 04
Work on contract.....	5,669 50
Total.....	\$6,954 32

Public Buildings, Twelfth Ward, Construction of—	
Pay-roll.....	\$364 50
Work on contract.....	3,000 00
Total.....	\$3,364 50

Restoring and Repaving—Special Fund—	
Pay-rolls.....	\$3,605 25
Repairing pavement.....	1,568 18
Restoring pavement.....	3,408 00
Total.....	\$8,581 43

Street Improvement Fund—	
Curbing and flagging.....	\$5,972 13
Paving and crosswalks.....	17,914 68
Pay-rolls.....	21,343 48
Regulating, grading, etc.....	31,058 90
Sewers.....	56,505 47
Surveying.....	1,146 94
Horse-hire.....	180 00
Traveling expenses.....	97 30
Total.....	\$134,218 90

Water Meter Fund, No. 2—	
Setting meters.....	\$2,124 38
Water meters.....	3,490 00
Total.....	\$5,614 38

Water-main Stock—	
Pay-rolls.....	\$1,214 74

## RECAPITULATION OF FUNDS.

Bridge across Harlem river at Third avenue.....	\$1,716 23
Bridge across Harlem Ship Canal, at Kingsbridge road.....	1,154 37
Croton Water Fund.....	59,087 49
Criminal Court-house Fund.....	36,210 00
Fund for Viaduct from St. Nicholas Place, etc.....	6,954 32
Public Buildings, Twelfth Ward, Construction of.....	3,364 50
Restoring and Repaving—Special Fund.....	8,581 43
Street Improvement Fund.....	134,218 90
Water Meter Fund, No. 2.....	5,614 38
Water-main Stock.....	1,214 74
Total.....	\$258,116 36







On account of the weather, but little work has been carried on at Reservoir "A."  
Surveys have been made of lands on the east branch of the Croton river, from East Branch Reservoir to Croton Falls, and of and around Lake Glenida.  
A few men are employed cleaning vaults, etc., where necessary, along the Croton river, and the force has been increased in order to tear down and clean up all nuisances.

## BRONX RIVER SUPPLY.

The work on the tunnel between the Bronx and Byram rivers has been carried on steadily; no other work has been prosecuted on account of the weather.

Surveys have continued for lands necessary from Kensico Dam to Bear Gutter Creek on the Bronx and around Byram Pond. An average of 9,000,000 gallons per day has been steadily furnished to the Twenty-third and Twenty-fourth Wards through the conduit.

The reservoirs are gradually filling, containing 1,900,000,000 gallons of stored water. 2 gangs of men have been employed keeping the roads, conduit and reservoirs in good order.

The Commission appointed to appraise damages on the Bronx river, from Williamsbridge to West Farms, in Westchester County, by the diversion of the water, have continued taking testimony.

## NEW AQUEDUCT.

The Aqueduct Commissioners have been making tests as to amount of flow through the Aqueduct, and have changed the amount running through same 33 times during the quarter; all is in good order.

## AQUEDUCT REPAIRS, MAINTENANCE AND STRENGTHENING.

Work Done during the Quarter ending March 31, 1893.

DIVISIONS.	Earth Excavated, Cubic Yards.	Stone Quarried, Cubic Yards.	Dry Masonry, Cubic Yards.	Fence Built, Linear Feet.	Fence Repaired, Linear Feet.	Filling and Grading, Cubic Yards.	Fence Painted, Linear Feet.	Fence Gates Built.	Fence Posts Set.
First.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Second.....	.....	.....	65	.....	.....	.....	.....	.....	.....
Third.....	50	100	115	.....	.....	.....	.....	.....	.....
Fourth.....	30	.....	.....	130	950	.....	.....	.....	.....
Fifth.....	.....	.....	.....	2,500	600	175	300	4	.....
Sixth.....	.....	456	396	1,848	.....	.....	.....	.....	37
Seventh.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eighth.....	.....	1,800	.....	.....	.....	.....	.....	.....	.....
Totals.....	120	2,356	576	4,478	1,550	175	300	4	37

The regular work on the several divisions has been continued as usual, such as care of surface of Aqueduct, gate-houses, machinery, etc.; patrolling reservoirs, cleaning up line from rubbish, leaves, etc.; keeping drains, culverts and gutters in repair; removing ice and snow. The more particular work on each division has been as follows:

First Division—The work on this division has been cleaning out ditches along line of Aqueduct, cleaning shore of lake, rebuilding board and wire fence, cutting ice from culverts, shoveling snow, hauling and spreading manure.

Second Division—The work on this division has been rebuilding portion of stone wall on upper end of division known as "Potter Bank"; cleaning up line, cleaning out drains, culverts and gutters of snow and ice, and keeping crosswalks clean.

Third Division—The work on this division has been rebuilding portion of stone retaining-wall on "Lumbard Bank," with all the necessary excavation for same; rebuilt portion of retaining-wall on "Arch Bank" with tearing down of old wall and necessary excavation for same; quarrying rock, spreading manure, hauling stone from quarry, cleaning up line, and keeping gutters, culverts and drains free from ice and snow. The repairs made last fall on "Quarry Bank" have proven very satisfactory, as the leaks have been entirely stopped and have shown no signs of renewal.

Fourth Division—The work on this division has been building and repairing fences, repairs on banks, cleaning crosswalks of snow, keeping gutters, crosswalks and drains free from ice and snow.

Fifth Division—The work on this division has been filling and grading, building fence-gates, building and repairing fences, setting fence-posts, repairing culverts, cleaning out culverts, drains and gutters of ice and snow.

Sixth Division—The work on this division has been quarrying stone, rebuilding stone fences, building and repairing fences, setting fence-posts, repairing culverts, cleaning out culverts, drains and gutters of ice and snow.

Seventh Division—The work on this division has been of a general character. The usual work of cleaning screws in the gate-houses and keeping the same well greased and ready for use at all times has been carefully attended to; the tank in the tower has been scraped free from rust and painted; fire has been kept in the tower during the winter to prevent freezing of the pipes, and the steps and railing cleaned when required. Owing to the severity of the winter and the quantity of snow which has fallen, the men have been kept busy cleaning the steps, bridge, walks around the engine-house and coal-dock; coal has been hoisted for the engines and gate-house as often as required; the carpenters have been working in the engine-house for two months on the pumps, putting in new lagging, fitting same, and other work; the painter has been varnishing and painting in the engine-room and on second floor; the mason from Eighth Division is now working in the fire-room, putting new bars in furnace on crown of same, and doing other repairs; the drains, culverts, gutters and crosswalks on line of Aqueduct have been kept clean and repaired as often as needed; the fences are all in good condition at this time; 200 loads of manure have been spread: 45 loads on west bank of reservoir, 15 loads on south bank of reservoir, 18 loads on east bank and 30 loads on north bank, and on the east side of river (in square under the bridge) 60 loads, and on each side of bridge 32 loads; the accumulating of snow and ice all around the works, bridge and reservoir has been entirely cleaned away; the dead leaves, branches of trees and other rubbish collected during the severe winter has been all removed.

Eighth Division—The work on this division has been cleaning and repairs of Central Park and Forty-second Street Reservoirs: gate-houses, chambers, and outside mains; cleaning, maintenance and repairs of High Service Works; Ninth and Tenth avenues gate-houses and grounds; shoveling snow around reservoirs, doing odd jobs of mason work, painting at High Service Works, chamber of gate-house and keeper's house; patrolling Central Park Reservoir and pipe-line; continuing the improvement of the old Central Park Reservoir; a contract for coal for pumping-engine has been entered into; the reservoirs in the city are all full; an average of 23,000,000 gallons per day has been pumped at the stations at High Bridge and Ninety-eighth street.

## LAYING CROTON PIPES.

Contract for laying water-mains in the following street has been completed:

One Hundred and Second street, between Amsterdam and Eleventh avenues.

One contract for furnishing stop-cocks, hydrants, etc.; one contract for furnishing pipe, etc.; one contract for furnishing and laying pipe, and one contract for laying mains have been entered into.

## Pipe Laid During Quarter.

	Linear Feet.
48-inch.....	75
36-inch.....	150
6-inch.....	1,561
Total.....	1,786

## STOP-COCKS SET.

6-inch.....	10
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## HYDRANTS PLACED.

"A" hydrants.....	4
Double nozzle hydrants.....	17

## NEW HIGH SERVICE WORKS.

Plans, specifications, etc., for this work were approved by the Board of Estimate and Apportionment, and an appropriation made to commence work. A contract for building foundations, roads, etc., has been entered into and work commenced.

A contract for pumping machinery has been advertised.

## REPAIRING AND RENEWAL OF PIPES, ETC.

A gang of men has been employed examining sewers in the High Service District at night to detect waste and leaks.

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

## TAPS.

Number of taps placed during the quarter.....	291
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## METERS.

Number of meters placed during the quarter.....	1,065
Number of meters in use December 31, 1892.....	27,041
Total number in use March 31, 1893.....	28,106

## ONE HUNDRED AND FIFTY-FIFTH STREET VIADUCT.

The extreme cold weather stopped all work until March 15, when excavation was started for the foundations for the three piers next to the abutment of the McComb's Dam bridge.

Paving and masonry are now under way; foot passengers have been allowed to use the viaduct during the quarter.

## BRIDGE ACROSS SHIP CANAL AT KINGSBRIDGE ROAD.

Plans for the bridge have been approved by the Secretary of War. Plans, specifications and estimates have been approved by the Board of Estimate and Apportionment, and an appropriation made. The work was advertised March 8, and bids were received on March 28, 1893.

## BRIDGE OVER HARLEM RIVER AT THIRD AVENUE.

General plans for this work have been approved by the Board of Estimate and Apportionment and forwarded to the Secretary of War for his approval.

The map of property necessary for the approaches is being made.

## USE AND WASTE OF WATER.

The supply to the city is as follows:	Gallons per day.
Old Aqueduct.....	80,000,000
New Aqueduct.....	80,000,000
Bronx Conduit.....	9,000,000
Total.....	169,000,000

The weather being severe the excessive use of water to keep service-pipes from freezing amounted to 15,000,000 gallons per day, and, although the supply was abundant, it affected the pressures throughout the city, and in some localities a loss of two stories was observed in the houses. The loss of pressure was more especially found on the high points supplied by high-service water, the present pumping capacity not being able to supply the extra use or waste. As it will be two or three years before additional pumping facilities are provided, it will be necessary soon to supply all those houses situated below 65 feet above city datum with low-service water, in order to furnish an adequate supply to the highest points in the High-service District.

Yours respectfully,

G. W. BIRDSALL, Chief Engineer Croton Aqueduct.

## Document "E."

## REPORT OF THE WATER PURVEYOR.

DEPARTMENT OF PUBLIC WORKS,  
WATER PURVEYOR'S OFFICE, No. 31 CHAMBERS STREET, ROOM 1,  
NEW YORK, April 1, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

SIR—I respectfully submit the following as a report of the principal transactions of the business of this Bureau for the quarter ending March 31, 1893, and in accordance with your instructions of March 22, 1893, I include a statement showing the area of pavements yet to be laid under uncompleted contracts standing over from preceding years, the estimated cost and area of repavements authorized for 1893, and the estimated cost of repavements under the land grant act.

Owing to the severity of the weather during the winter just ended, it has been impossible to do anything in the way of repaving streets or repairing pavements until within the past few days. Complaints from citizens concerning defective places in the pavements have been carefully entered upon the proper books and will be attended to promptly as soon as the street repair force shall have been sufficiently increased to do the work. Through the action of frost during the winter many leaks have occurred in fire-hydrants and water-mains. Such leaks have been attended to by the five pipe and stop-cock repair gangs.

The amount of money received during the quarter was:

For the construction of vaults.....	\$14,938 37
For labor and materials furnished.....	619 30
Total.....	\$15,557 67

216 vouchers were drawn in payment for work on contracts, materials, labor, salaries, etc., and were charged against the following appropriations and fund:

Repairs and Renewal of Pavements and Regrading, 1892.....	\$6,976 86
Repairs and Renewal of Pavements and Regrading, 1893.....	12,472 73
Repairs and Renewal of Pavements and Regrading—Salaries, 1892.....	147 00
Repairs and Renewal of Pavements and Regrading—Salaries, 1893.....	3,305 48
Repaving Streets and Avenues, 1892.....	2,472 61
Repaving Streets and Avenues—Salaries, 1892.....	87 50
Repaving Streets and Avenues—Salaries, 1893.....	1,217 50
Repaving—Chapter 35, Laws of 1892, 1892.....	34,031 28
Repaving—Chapter 35, Laws of 1892, 1893.....	5,647 55
Repaving and Renewal of Pipes, Stop-cocks, etc., 1892.....	2,597 12
Repaving and Renewal of Pipes, Stop-cocks, etc., 1893.....	27,265 76
Public Drinking-hydrants, 1892.....	215 76
Public Drinking-hydrants, 1893.....	124 80
Public Drinking-hydrants—Salaries, 1893.....	300 00
Street Improvement Fund.....	17,488 07
Restoring and Repaving—Special Fund—Department of Public Works.....	6,253 96
Boulevards, Roads and Avenues, Maintenance of—For Resurfacing Sixth avenue, etc.	1,243 20
Contingencies—Department of Public Works, 1892.....	14 00
Repaving—Chapter 346, Laws of 1889, 1889.....	1,101 46
Repaving—Chapter 346, Laws of 1889, 1890.....	3,249 96
Total.....	\$126,212 60

## PERMITS ISSUED.

47 for the construction of vaults.  
42 for repairs to vaults.  
52 for placing guy posts.  
160 for building fires on the streets for roofing purposes, etc.  
48 for placing boilers for hoisting building.  
11 for repairs to pavements at owner's expense.  
To Gerson Stein, under resolution of the Board of Aldermen, March 27, 1893, to lay a cross-walk across One Hundred and Twenty-fifth street in front of No. 149.



## REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The average force employed was as follows:

In January	62	mechanics,	57	laborers,	16	horses and carts,	1	team.
In February	61	"	59	"	16	"	1	"
In March	60	"	60	"	16	"	1	"

The area of pavement repaired was 418 square yards.

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

The force employed averaged as follows:

In January	36	mechanics,	94	laborers,	16	horses and carts.
In February	36	"	92	"	16	"
In March	36	"	90	"	17	"

The work done by this force consisted as follows:

- 3 new fire-hydrants were put in.
- 81 old fire-hydrants were taken out and new ones put in place.
- 715 defects in Croton water-pipes and mains were repaired.
- 987 fire-hydrants were repaired.
- 617 square yards of pavement were repaired.

## PUBLIC DRINKING HYDRANTS.

11 public drinking hydrants were repaired.  
Danger from frost being over, all the public drinking hydrants in the city have been opened.

## STREET OPENINGS.

2,370 openings were made to repair all mains other than Croton water-mains, and to make repairs thereto.

130 notices were sent to corporations and others to repair bad places in the pavement where such openings were made.

85 bad places in the pavement were repaired in compliance with said notices.  
291 feet of trenches were opened for subways and other electrical appliances.

Table of areas and lengths of different kinds of pavements in New York City below the Harlem river, March 31, 1893:

KIND OF PAVEMENT.	SQUARE YARDS.	MILES.
Specification granite	3,937,511.67	140.02
Square granite	653,106.00	25.24
Specification trap	1,210,341.83	65.23
Belgian	2,073,539.77	82.78
Cobble	25,046.54	.87
Asphalt	764,353.26	37.95
Wood		
Macadam	792,529.30	21.44
Total	8,566,431.37	373.54

## Statement of Uncompleted Contracts Let Prior to 1893—For Paving and Repaving Streets, Avenues, etc.

TITLE OF CONTRACT.	DATE OF CONTRACT.	CONTRACTOR.	ESTIMATED AREA IN SQUARE YARDS.	ESTIMATED COST.	
Park Row, from Frankfort street to and including Chatham Square	May 26, 1890	M. Baird	13,700	\$64,629 00	Repaving Streets and Avenues, 1890.
Park Row, from Frankfort street to Broadway, and Beekman street, from Park Row to Pearl street.	Apr. 30, 1891	"	9,750	35,492 30	Repaving, Chapter 346, Laws 1889, 1891.
One Hundredth street, from Third to Lexington avenue	Nov. 9, "	"	1,460	3,384 00	Street Improvement Fund.
Seventy-third street, from Avenue A to bulkhead-line, East river		P. H. McCullagh	2,266	9,414 00	"
One Hundred and Sixty street, from Amsterdam avenue to Boulevard	Oct. 4, 1892	M. Baird	2,715	7,264 00	"
Eighty-eighth street, from Avenue A to Avenue B	" 3, "	J. Pollock	2,220	9,071 40	"
One Hundred and Thirtieth street, from Fifth to Lenox avenue	" 4, "	J. Baird	3,094	8,093 70	"
One Hundred and Seventeenth street, from Fifth to Lenox avenue	" 4, "	"	3,095	8,096 25	"
Washington street, from Battery place to Chambers street	Sept. 25, "	T. Gearty	2,801	12,923 07	Street Improvement Fund, Chapter 449, Laws 1889.
Washington street, from Battery place to Murray street	" 26, "	"	10,520	46,705 50	Repaving, Chapter 35, Laws 1892.
Morris street, from Greenwich to West street	" 26, "	"	164	722 98	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 26, "	"	420	1,943 75	Repaving, Chapter 35, Laws 1892.
Cortlandt street, from Greenwich to West street	Nov. 1, "	"	256	1,123 37	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 1, "	"	1,050	8,858 50	Repaving, Chapter 35, Laws 1892.
Albany street, from Greenwich to West street	Oct. 4, "	J. Baird	380	1,693 00	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 4, "	"	820	3,073 00	Repaving, Chapter 35, Laws 1892.
Carlisle street, from Greenwich to West street	" 4, "	"	318	1,418 30	Street Improvement Fund, Chapter 449, Laws 1889.
Carlisle street, from Greenwich to Washington street	" 4, "	"	360	1,840 50	Repaving, Chapter 35, Laws 1892.
Rector street, from Greenwich to West street	Sept. 25, "	Thomas Gearty	486	2,125 60	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 26, "	"	400	1,876 75	Repaving, Chapter 35, Laws 1892.
Twenty-eighth street, from Tenth to Eleventh avenue	Oct. 11, "	M. Fitzgerald	1,900	6,750 17	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 11, "	"	860	3,100 00	Repaving, Chapter 35, Laws 1892.
Cedar street, from Greenwich to West street	Sept. 26, "	T. Gearty	300	1,325 00	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 26, "	"	1,020	4,651 85	Repaving, Chapter 35, Laws 1892.
Battery place, from Greenwich to West street	" 26, "	"	5,850	25,409 00	"
Fulton street, from Greenwich to West street	Oct. 4, "	J. Baird	1,400	6,262 50	"
Park place, from Greenwich to West street	Sept. 26, "	T. Gearty	1,660	7,250 90	"
Amsterdam avenue, from One Hundred and Fifty-fifth street to Fort George road	Nov. 2, "	M. Baird	70,750	260,146 47	Street Improvement Fund.
Twenty-seventh street, from Eleventh to Twelfth avenue	" 7, "	M. Fitzgerald	2,280	10,122 60	Street Improvement Fund, Chapter 449, Laws 1889.
One Hundred and Forty-fourth street, from Seventh to Eighth avenue	Oct. 19, "	W. P. Baird	2,677	7,035 69	Street Improvement Fund.
One Hundred and First street, from Boulevard to Riverside Drive	Nov. 17, "	F. Thilemann, Jr.	2,677	7,299 85	"
Thirteenth street, from Washington street to Thirteenth avenue	Dec. 20, "	J. G. Smith	3,370	11,898 90	Street Improvement Fund, Chapter 449, Laws 1889.
Thirteenth street, from Washington street to Tenth avenue	" 20, "	"	215	876 05	Repaving Streets and Avenues, 1892.
Twenty-seventh street, from Tenth to Eleventh avenue	" 20, "	"	2,027	7,153 69	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 20, "	"	675	2,451 25	Repaving Streets and Avenues, 1892.
Thirty-fourth street, from Eleventh avenue to Hudson river	" 20, "	"	3,505	12,631 00	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 20, "	"	420	1,566 40	Repaving Streets and Avenues, 1892.
Bethune street, from Greenwich to West street	" 20, "	"	850	3,059 50	"
Bethune street, from Greenwich to Washington street	" 20, "	"	1,293	4,539 21	Street Improvement Fund, Chapter 449, Laws 1889.
Perry street, from Washington to West street	" 20, "	"	352	1,256 44	"
"	" 20, "	"	710	2,547 70	Repaving Streets and Avenues, 1892.
Forty-eighth street, from Eleventh to Twelfth avenue	" 20, "	F. Thilemann, Jr.	102	367 06	Street Improvement Fund, Chapter 449, Laws 1889.
"	" 20, "	"	2,600	9,442 00	Repaving Streets and Avenues, 1892.

## LIST OF STREETS AUTHORIZED FOR REPAVEMENT IN 1893, CHAPTER 35, LAWS OF 1892.

With Granite Blocks on Concrete Foundation.

LOCATION.	ESTIMATED AREA IN SQUARE YARDS.	ESTIMATED COST.	
Canal street, from Bowery to East Broadway	7,900	\$27,484 00	Contract let March 23, 1893.
Worth street, from Broadway to Park Row	6,300	22,375 20	"
Bleecker street, from Crosby street to Eighth avenue	14,400	61,962 00	"
Barclay street, from College place to Greenwich street	630	2,520 00	"
Vestry street, from Varick to Greenwich street	3,100	12,400 00	"

LOCATION.	ESTIMATED AREA IN SQUARE YARDS.	ESTIMATED COST.	
Howard street, from Broadway to Centre street	1,925	\$7,700 00	Contract let March 23, 1893.
University place, from Waverley place to Fourteenth street	8,140	28,417 00	"
Broadway, from Thirty-fifth to Forty-second street	9,750	32,384 00	"
Forty-second street, from Eighth to Twelfth avenue	19,000	62,795 00	"
Fourth avenue, from Thirty-second to Thirty-fourth street and from Fortieth to Forty-second street	8,100	24,880 00	"
Third avenue, from Ninety-sixth to One Hundred and Twenty-ninth street	43,100	142,248 00	"
South street, from Whitehall to Corlears street	16,675	66,700 00	"



## With Asphalt on Present Pavements.

LOCATION.	ESTIMATED AREA IN SQUARE YARDS.	ESTIMATED COST.	
Stanton street, from Clinton to Cannon street.....	6,000	\$24,000 00	Contract let March 29, 1893.
Columbia street, from Broome to Houston street.....	4,700	18,800 00	" "
Forsyth street, from Grand to Houston street.....	5,500	22,000 00	" "
Mulberry street, from Broome to Bleecker street.....	5,450	21,800 00	" "
Henry street, from Oliver to Rutgers street.....	7,500	30,000 00	" "
Rutgers street, from Henry street to East Broadway..	675	2,700 00	" "
Avenue B, from Houston to Fourteenth street.....	11,250	45,000 00	" "
Second street, from Avenue A to Avenue D.....	7,325	29,300 00	" "
Sixteenth street, from Livingston place to 150 feet east of Avenue A.....	4,780	19,120 00	" "
Irving place, from Fourteenth to Twentieth street....	6,550	26,200 00	" "
Ninth street, from Fifth to Sixth avenue.....	3,175	12,700 00	" "
Nineteenth street, from Fifth to Sixth avenue.....	3,200	12,800 00	" "
Twenty-eighth street, from Fifth to Sixth avenue.....	2,850	11,400 00	" "
Thirtieth street, from Broadway to Sixth avenue.....	1,010	4,040 00	" "
Thirty-fourth street, from Fourth to Eighth avenue...	15,400	61,600 00	Contract let March 29, 1893.
Forty-first street, from Fourth to Fifth avenue.....	2,920	11,680 00	" "
Forty-third street, from Third to Lexington avenue...	1,480	5,920 00	" "
Forty-eighth street, from Seventh to Eighth avenue...	2,540	10,160 00	" "
Fifty-second street, from Broadway to Eighth avenue.	1,840	7,360 00	" "
Fifty-fifth street, from Third to Madison avenue.....	4,000	16,000 00	" "
Fifty-sixth street, from Fifth to Sixth avenue.....	3,200	12,800 00	" "
Fifty-eighth street, from Madison to Lexington avenue	2,920	11,680 00	" "
Fifty-ninth street, from Madison to Eighth avenue....	13,260	53,040 00	" "
Sixty-second street, from Fifth to Madison avenue....	1,530	6,120 00	" "
Seventieth street, from Lexington to Madison avenue..	2,860	11,440 00	" "
Seventy-first street, from Third to Madison avenue....	4,300	17,200 00	" "
Seventy-third street, from Eighth avenue to Boulevard	5,890	23,560 00	" "
Seventy-fourth street, from Madison to Fourth avenue	1,350	5,400 00	" "
Seventy-seventh street, from Fourth to Lexington avenue.....	1,240	4,960 00	" "
Seventy-eighth street, from Madison to Fifth avenue..	1,530	6,120 00	" "
Seventy-ninth street, from Madison to Fifth avenue...	2,020	8,080 00	" "
Seventy-ninth street, from Second avenue to Avenue A	5,950	23,800 00	" "
Ninety-second street, from Columbus to Amsterdam avenue.....	2,800	11,200 00	" "
One Hundred and Twenty-first street, from Lenox to Seventh avenue.....	2,670	10,680 00	" "
One Hundred and Twenty-sixth street, from Fifth to Seventh avenue.....	5,370	21,480 00	" "
One Hundred and Thirtieth street, from Lenox to Seventh avenue.....	2,700	10,800 00	" "
Park avenue, from Sixty-eighth to Seventy-first street.	5,100	20,400 00	Contract let March 29, 1893.
Madison avenue, from Seventy-second to Seventy- ninth street.....	6,300	25,200 00	" "

## REPAVING STREETS AND AVENUES (SECTION 321, NEW YORK CITY CONSOLIDATION ACT OF 1882, AS AMENDED BY CHAPTER 569, LAWS OF 1887).

## With Granite Blocks on Concrete Foundation.

LOCATION.	ESTIMATED AREA IN SQUARE YARDS.	ESTIMATED COST.	
Third avenue, from Fifty-ninth to Ninety-sixth street..	45,230	\$159,978 40	Contract let.

## With Asphalt on Present Pavement.

LOCATION.	ESTIMATED AREA IN SQUARE YARDS.	ESTIMATED COST.	
Thirty-fifth street, from Madison to Fourth avenue....	1,450	\$5,437 50	Contract let.
Seventy-sixth street, from Madison to Fifth avenue....	1,530	5,737 50	"
One Hundred and Fifteenth street, from Fifth to Sixth avenue.....	3,200	12,210 00	"
One Hundred and Twenty-second street, from Sixth to Seventh avenue.....	2,700	10,300 00	"
One Hundred and Twenty-eighth street, from Madi- son to Sixth avenue.....	4,750	18,121 00	"

The foregoing lists of streets authorized for repavement in 1892 show an area of 183,265 square yards of asphalt pavement to be laid and 184,250 square yards of granite-block pavement to be laid.

Several streets lying within the limits of grants of land under water have been authorized by the Board of Aldermen for repavement under the provisions of chapter 449, Laws of 1889. Of these surveyors have made returns for:

	Square yards.
Granite—South street, from Corlears to Whitehall street.....	48,760
Asphalt—Sixteenth street, from Avenue A to Avenue C.....	4,420
Granite—Forty-second street, from Eleventh avenue to Hudson river.....	4,876

Contracts and specifications are being prepared for all streets named in the foregoing list which have not been let, and it is expected that the entire list will be under contract before the 1st of May.

Respectfully,

MAURICE FEATHERSON, Water Purveyor.

## 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, April 4, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

DEAR SIR—In compliance with your instructions, I hand you herewith my report of the transactions of the Office of the Engineer in Charge of Sewers for the quarter ending March 31, 1893.

5,497 linear feet of new sewers and 8 receiving-basins connected therewith have been built, making the present total length of the sewerage of the city 2,376,167 linear feet (450 miles), with 5,387 receiving-basins, which number includes 3 built under special contract, as hereafter stated.

In the schedule accompanying this report you will find a detail statement, showing the status of the several contracts under charge of this office.

In examining the tables submitted herewith, I might call your attention to a number of important works now in progress, viz.: South street, between Fulton and Wall streets; Twelfth and Thirteenth avenues, between Twenty-seventh and Thirtieth streets; Thirteenth avenue, east side, between Twentieth and Twenty-third streets; alteration and improvement to sewers in Gansevoort and Horatio streets, between Thirteenth avenue and West street, etc., also alteration and improvement to sewer in Third street, between East river and Goerck street, etc.

These are known as intercepting sewers, and are built in pursuance of a policy adopted some years ago for purifying the waters of the river front, several sewers being connected together by intercepting sewers, and the contents of all carried to deep water at the end of some convenient pier.

In this line the following contracts have been let but not begun, viz.: Alteration and improvement to sewers in Burling slip, between South and Water streets; in Wall street, between South and Pearl streets, and in Front street, at Burling slip and Wall streets, and Thirty-third and Thirty-seventh streets, between East river and First avenue.

The foregoing, together with works completed during the past five years, will bring towards completion the great work of removing nuisances from the bulkhead-line of the North and East rivers, where they had so long been a menace to the public health.

In the upper part of the city there are in progress large sewers on Kingsbridge road, between Dyckman and One Hundred and Seventy-fifth streets, and Amsterdam avenue, between One Hundred and Seventy-third and One Hundred and Seventy-eighth streets.

The outfall at Dyckman street and Hudson river, although under contract, has not yet been commenced, because the grading of that street is still incomplete, and the sewer work could not be successfully carried on without an unpleasant conflict with the grading contractor.

These will open a large territory for building operations and occupation, now in vacant lots. There is also now advertised for letting an outfall sewer at One Hundred and Sixty-seventh street and Harlem river. This improvement has been contemplated for many years, but has been kept back by numerous vexatious delays until a public nuisance had been created for want of it. Its speedy completion will be a great relief to the neighborhood.

6 sewer and 3 basin contracts have been completed, viz.: Sewers in West Eleventh street, between North river and West street, with outlet through pier at West Eleventh street, North river, etc.

Sewers in Sixty-eighth street, between Avenue A and East river.

Sewers in Columbus avenue, between One Hundred and Fourth and One Hundred and Fifth streets.

Alterations and improvement to sewers at Little West Twelfth street and Thirteenth avenue, and in Bloomfield street, between Thirteenth avenue and West street, etc.

Alterations and improvement to sewers in Eighteenth street, between East river and Avenue A, etc.

Alterations and improvements to sewers in Twenty-fourth street, between East river and First avenue, etc.

Receiving-basins southeast corner Ninety-fourth street and northeast and southeast corners of Ninety-fifth street and First avenue.

There are now in progress 37 contracts for new sewers and 2 basin contracts. 1,295 receiving-basins and 39,404 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, 1893.

Credit to General Fund—	
Amount received for 121 permits for sewer connections .....	\$3,295 08
Engineers' Fees—	
Amount of Engineers' fees assessed on property benefited and charged to Street Improvement Fund.....	\$4,098 45
Sewers—Repairing and Cleaning—	
Appropriation for the year 1893.....	\$100,000 00
Vouchers transmitted to the Commissioner of Public Works—	
Pay-roll of Laborers, etc.....	\$16,739 50
Cleaning .....	3,042 49
Material and sundries.....	1,039 24
Balance, March 31, 1893.....	79,178 77
	100,000 00
Sewers—Repairing and Cleaning, for 1892—	
Balance on hand, December 31, 1892.....	\$1,318 31
Vouchers transmitted to the Commissioner of Public Works—	
Sundries.....	\$1,265 50
Balance, March 31, 1893.....	52 81
	1,318 31
Sewers—Repairing and Cleaning—Salaries—	
Appropriation for the year 1893.....	\$10,000 00
Vouchers transmitted to the Commissioner of Public Works—	
Pay-roll of Inspectors, etc.....	\$2,297 98
Balance March 31, 1893.....	7,702 02
	10,000 00
Sewerage System—Salaries—	
Appropriation for the year 1893.....	\$8,400 00
Vouchers transmitted to the Commissioner of Public Works—	
Pay-roll of Engineer, etc.....	\$2,100 00
Balance, March 31, 1893.....	6,300 00
	\$8,400 00
Boring Examinations for Grading, etc.—	
Appropriation for the year 1893.....	\$5,000 00
Vouchers transmitted to the Commissioner of Public Works—	
Pay-roll of Assistant Foreman, etc.....	\$721 00
Balance, March 31, 1893.....	4,279 00
	5,000 00
Restoring and Repaving—Special Fund—	
Amount received for permits for street openings.....	\$5,736 50
Street Improvement Fund—	
Vouchers transmitted to the Commissioner of Public Works—	
Pay-roll of Engineers, etc.....	\$5,374 98
Pay-roll of Inspectors, etc.....	12,067 00
Contracts, etc.....	31,492 88
	\$48,934 86
Work done by Mechanics and Laborers—	
330 receiving-basins relieved.	
1,295 receiving-basins and culverts cleaned.	
18,341 linear feet of sewer cleaned.	
4,130 linear feet of sewer relieved.	
95,795 linear feet of sewer examined.	
25 linear feet of brick sewer repaired.	
9 linear feet of new pipe sewer laid.	
9 linear feet of new pipe sewer relaid.	
18 linear feet of new pipe culvert laid.	
3 linear feet of spur pipe laid.	
4 receiving-basins repaired.	
3 manhole heads reset.	
13 new manhole heads and covers put on.	
46 new manhole covers put on.	
9 new basin covers put on.	
289 cubic feet of brickwork built.	
8 square feet of flagging relaid.	
127 square yards of pavement relaid.	
176 cubic feet of earth excavated and refilled.	
22 cart-loads of earth filling.	
4,075 cart-loads of dirt removed.	



## Statement Showing the Amount of Work Done on Uncompleted Contracts for the Quarter ending March 31, 1893.

DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1892.							
Mar. 29	Sewer in Park avenue, west side, between Ninety-fifth and Ninety-ninth streets, and in Ninety-eighth and Ninety-ninth streets, between Park and Madison avenues.....	\$13,373 00	\$8,101 50	300	210	90	
May 17	Sewer in Ninety-eighth street, between Third and Park avenues.....	7,822 50	4,650 00	200	159	51	
Oct. 4	Sewer in Ninety-ninth street, between Third and Park avenues.....	8,837 30	1,830 00	150	80	70	
1893.							
Jan. 14	Sewer in Seventy-eighth street, between East river and Avenue A....	10,602 00	640 00	200	30	170	
" 17	Sewer in One Hundred and Seventeenth street, between Lenox avenue and Harlem river.....	2,551 55	.....	65	.....	.....	Just commenced.
Jan. 30	Sewer in One Hundred and Forty-second street, between Lenox avenue and Harlem river.....	2,044 00	.....	35	.....	.....	"
1892.							
Dec. 31	Receiving-basins northwest corner of One Hundred and Sixty-ninth street and Audubon avenue.....	261 00	.....	4	.....	.....	"
Feb. 9	Receiving-basins north side One Hundred and Fifth street, between First avenue and Harlem river.....	210 00	.....	5	.....	.....	"
1892.							
Apr. 23	Alteration and improvement to sewers in Jane and West Twelfth streets, between Thirteenth avenue and Washington street, and in Bethune street, between Thirteenth avenue and West street; and new sewer in Thirteenth avenue, between Bethune and Horatio streets, with outlet through Pier at Twelfth street, North river.....	\$32,390 00	\$28,357 50	300	200	100	
" 25	Alteration and improvement to sewers in Gansevoort and Horatio streets, between Thirteenth avenue and West street, and in Thirteenth avenue, between Gansevoort and Bloomfield streets; new sewer in Thirteenth avenue, between Gansevoort and Horatio streets, with outlet through Pier at Gansevoort street, North river.....	23,985 00	22,300 00	250	173	77	Work completed, but not accepted.
June 21	Sewer in Twelfth avenue, between Fifty-fifth and Fifty-second streets, connecting with outlet under Pier at Fifty-fifth street, North river, and connections with existing sewers in Fifty-first and Fifty-second streets.....	10,237 00	5,064 00	125	69	56	
Aug. 22	Sewer in Thirteenth avenue, east side, between Twentieth and Twenty-third streets, and alteration and improvement to sewers in Twenty-first and Twenty-second streets, between Eleventh and Thirteenth avenues.....	13,972 50	6,970 00	190	100	90	
Sept. 10	Alteration and improvement to sewer in Third street, between East river and Goerck street, connecting with sewer built by the Department of Docks.....	5,475 00	5,237 00	50	60	.....	Work completed and allowances for time not settled.
Oct. 26	Sewer in Twelfth and Thirteenth avenues, between Twenty-seventh and Thirtieth streets, and in Twenty-seventh, Twenty-eighth and Twenty-ninth streets, between Eleventh and Thirteenth avenues, and alteration and improvement to sewer in Thirtieth street, between Eleventh avenue and North river, connecting with sewer to be built by the Department of Docks at Pier, new 60.....	30,999 50	4,602 50	300	95	205	
Nov. 1	Sewer in Wooster street, east side, between West Fourth street and Washington place, and in Washington place, between Wooster and Greene streets.....	2,551 00	2,511 00	50	42	8	Work completed, but not accepted.
1893.							
Feb. 9	Alteration and improvement to curve in Leonard street, between Centre and Baxter streets.....	424 00	.....	6	.....	.....	Just commenced.
1892.							
Dec. 24	Sewer in One Hundred and Sixty-second street, between Amsterdam avenue and Jumel Terrace, and in Jumel Terrace, between One Hundred and Sixty-second and One Hundred and Sixty-third streets.....	10,237 66	11,213 00	230	220	10	Completed, but not accepted.
Apr. 14	Sewer in One Hundred and Eighty-first street, between Amsterdam and Eleventh avenues, with curves in Audubon and Eleventh avenues.....	10,382 50	11,936 90	250	210	40	
July 22	Sewer in One Hundred and Forty-seventh street, between Boulevard and Amsterdam avenue.....	6,656 60	4,961 00	180	140	40	
" 25	Sewer in One Hundred and Thirty-eighth street, between Hamilton place and Amsterdam avenue.....	4,805 22	4,722 57	125	124	1	Completed, but not accepted.
Aug. 6	Sewer in Amsterdam avenue, west side, between One Hundred and Seventy-third street and a point about 316.5 feet north of One Hundred and Seventy-eighth street, and sewers on north and south sides of One Hundred and Seventy-fifth street, between Amsterdam and Wadsworth avenues, with curves into Eleventh avenue.....	40,652 00	4,380 00	900	150	750	
" 19	Sewer in Columbus avenue, west side, between One Hundred and Eighth and One Hundred and Tenth streets, and in One Hundred and Eighth street, between Columbus and Amsterdam avenues.....	12,758 00	6,540 00	350	125	225	
" 30	Sewer in One Hundred and Seventh street, between Riverside avenue and Boulevard.....	5,002 04	5,227 64	100	98	2	Completed, but not accepted.
" 30	Sewer in One Hundred and Ninth street, between Manhattan and Columbus avenues.....	3,730 00	3,592 25	80	89	.....	Completed, but time allowances not made.
" 30	Sewer in One Hundred and Sixth street, between West End and Riverside avenues.....	4,967 00	4,740 80	100	107	.....	Time allowances not made.
Sept. 7	Sewer in One Hundred and Seventh street, between Manhattan and Amsterdam avenues.....	5,889 25	4,004 25	135	93	42	
Oct. 14	Sewer in Ninety-first street, between Boulevard and Amsterdam avenue.....	2,687 50	2,786 40	60	92	.....	Time allowances not made.
1892.							
Oct. 26	Sewer in One Hundred and Ninth street, between Riverside avenue and Boulevard.....	3,666 00	3,374 00	70	83	.....	Time allowances not made.
" 26	Sewer in Ninetieth street, between Boulevard and Amsterdam avenue.....	2,851 00	2,910 95	60	70	.....	Time allowances not made.
" 26	Sewer in Kingsbridge road, east side, between Naegle avenue and One Hundred and Seventy-fifth street, with curves in One Hundred and Seventy-fifth, One Hundred and Eighty-first and One Hundred and Eighty-fifth streets.....	61,244 50	1,945 00	900	80	820	
Nov. 4	Sewer in One Hundred and Twentieth street, between Amsterdam avenue and Boulevard.....	7,161 63	4,087 00	175	70	105	
" 4	Sewer in One Hundred and Sixty-sixth street, between Amsterdam and Audubon avenues, with curves in Audubon avenue.....	3,115 00	1,100 00	70	32	38	
" 7	Sewer in Kingsbridge road, between Dyckman street and Naegle avenue.....	45,983 00	3,525 00	600	70	530	
" 14	Sewer in One Hundred and Seventh street, between Boulevard and Amsterdam avenue.....	2,710 70	938 85	70	43	27	
" 17	Sewer in Ninety-third street, between Boulevard and Amsterdam avenue.....	2,537 50	2,695 00	70	67	3	
Dec. 6	Sewer in Amsterdam avenue, west side, between Eighty-ninth and Ninety-second streets.....	5,848 00	880 00	125	46	79	
" 29	Sewer in Ninety-eighth street, between West End avenue and Boulevard.....	2,008 30	.....	40	20	20	Not commenced by contractor.
Jan. 30	Sewer in One Hundred and Fifth street, between Central Park, West, and Manhattan avenue.....	5,419 00	300 00	110	34	76	
1891.							
Apr. 24	Sewer in Edgecombe avenue, between One Hundred and Forty-fifth and One Hundred and Fifty-fifth streets.....	41,315 00	34,840 00	800	674	126	

DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1892.							
Mar. 29	Sewer in Park avenue, west side, between Ninety-fifth and Ninety-ninth streets, and in Ninety-eighth and Ninety-ninth streets, between Park and Madison avenues.....	\$13,373 00	\$8,101 50	300	210	90	
May 17	Sewer in Ninety-eighth street, between Third and Park avenues.....	7,822 50	4,650 00	200	159	51	
Oct. 4	Sewer in Ninety-ninth street, between Third and Park avenues.....	8,837 30	1,830 00	150	80	70	
1893.							
Jan. 14	Sewer in Seventy-eighth street, between East river and Avenue A....	10,602 00	640 00	200	30	170	
" 17	Sewer in One Hundred and Seventeenth street, between Lenox avenue and Harlem river.....	2,551 55	.....	65	.....	.....	Just commenced.
Jan. 30	Sewer in One Hundred and Forty-second street, between Lenox avenue and Harlem river.....	2,044 00	.....	35	.....	.....	"
1892.							
Dec. 31	Receiving-basins northwest corner of One Hundred and Sixty-ninth street and Audubon avenue.....	261 00	.....	4	.....	.....	"
Feb. 9	Receiving-basins north side One Hundred and Fifth street, between First avenue and Harlem river.....	210 00	.....	5	.....	.....	"

## 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, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

SIR—In compliance with your instructions, I beg to submit the following report of the transactions of this Bureau during the quarter ending March 31, 1893.

Respectfully submitted,

W. M. DEAN, Superintendent, Street Improvements.

## STATEMENT OF AMOUNT OF WORK DONE DURING THE QUARTER ENDING MARCH 31, 1893.

Earth excavated.....	cubic yards.	5,300
Rock excavated.....	"	11,482
Filling furnished.....	"	13,040
Curb-stones set.....	linear feet.	3,278
Curb-stones reset.....	"	1,340
Flagging laid.....	square feet.	27,452
Flagging relaid.....	"	6,128
Dry stone-box culvert.....	linear feet.	125
Retaining-wall.....	yards.	700
Pavement laid.....	"	6
Crosswalks laid.....	square feet.	348

## AMOUNT OF VOUCHERS DRAWN.

Street Improvement Fund.....	\$30,917 74
Street Improvement Fund—For Surveying, etc.....	588 50
Contingencies—Department of Public Works.....	285 40
Total.....	\$31,791 64

## APPROPRIATIONS.

Street Improvements—For Surveying, Monumenting, etc.....	\$3,000 00
Amount of vouchers drawn.....	588 50
Outstanding liabilities (estimated).....	1,882 50
Balance (estimated).....	529 00
Total.....	3,000 00

Flagging Sidewalks and Fencing Vacant Lots in front of City Property..... \$3,600 00

No vouchers drawn during quarter.

Contingencies—Department of Public Works—

Amount of vouchers drawn during quarter..... \$285 40

## WORKS COMPLETED DURING THE QUARTER.

Regulating, grading, etc.—	
One Hundred and Forty-fifth street, from Boulevard to Twelfth avenue.....	\$8,024 00
One Hundred and Sixty-second street, from Eleventh avenue to Kingsbridge road.....	4,592 33
Flagging, curbing, etc.—	
Thirty-seventh street, from Tenth to Eleventh avenues.....	2,381 54
Sixty-third street, from Central Park, West, to Boulevard.....	1,865 78
Total.....	\$16,863 65

The most important contracts are as follows, viz.:

Boulevard, One Hundred and Fifty-sixth to Inwood street.

This work has been prosecuted in as vigorous a manner as the weather would permit. There remains a large quantity of wall to build and considerable excavation to be done. This work will not be completed this year.

Claremont avenue, One Hundred and Twenty-second to One Hundred and Twenty-seventh street. This work is nearing completion and should be finished by July of this year.

Dyckman street, Hudson river to Exterior street.

On this contract there still remains a large quantity of rock excavation, and filling to furnish. Under no circumstances could this work be completed this year.

McComb's Dam road, One Hundred and Forty-ninth to One Hundred and Fifty-fifth street.

There remains but a small quantity of work to be done on this contract, and the same should be completed by August.

Ninetieth street, Avenue A to East river.

On this contract there remains but a small amount of rock excavation, and the setting of the curb and laying of the flagging. The same ought to be finished the latter part of this month.

Ninety-first street, Avenue A to East river.

This work will be completed this month.

One Hundred and Twenty-third street, Tenth avenue to Boulevard.

There is a very small amount of work yet to be done on this contract. It will be completed about July.

One Hundred and Twenty-fourth street, Boulevard to Amsterdam avenue.

This work is being prosecuted with great vigor, and should be finished about September.

One Hundred and Thirtieth street, Amsterdam to Convent avenue.

One Hundred and Forty-fourth street, Boulevard to Twelfth avenue.

One Hundred and Forty-eighth street, Boulevard to Twelfth avenue.

The filling-in of these streets is being done in a rapid manner, and they will all be completed about the same time, viz., August 1, 1893.

One Hundred and Sixtieth street, Eleventh avenue to Kingsbridge road.

This street is almost completed and will be returned about the 15th of this month.

Convent avenue, One Hundred and Thirty-fifth to One Hundred and Fiftieth street.

This work has just been commenced. There is a vast amount of rock excavating and filling to be done. The same will not be finished before the end of the year.

In reference to defective sidewalks, I would beg leave to state that during the quarter there was received 149 complaints, all of which were examined and notices served on the owners or occupants of premises complained of.

There was sent to the Common Council 77 certificates and ordinances to repair defective walks, so that the work could be done by this Department, 53 of which were passed and approved by the Mayor. Contracts for the same will be let as soon as possible.



## Statement Showing Works under Contract in Bureau of Street Improvements on the 31st day of March, 1893.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
<i>Regulating, Grading, Flagging and Curbing.</i>									
Boulevard, One Hundred and Fifty-sixth to Inwood street.....	R. McLaughlin....	R. L. Waters.....	Leander Buck.....	600 days.	\$244,372 49	\$39,732 00	\$11,912 60	\$27,812 40	
Claremont avenue, One Hundred and Twenty-second to One Hundred and Twenty-seventh street.....	Benj. J. Carr.....	Thomas Slater.....	David Simmons.....	200 "	17,368 88	20,175 00	6,052 50	14,122 50	
Dyckman street, Hudson river to Exterior street.....	William E. Dean....	R. L. Waters.....	R. V. Davis.....	450 "	128,165 57	56,345 00	16,903 30	39,441 50	
McComb's Dam road, One Hundred and Forty-ninth to One Hundred and Fifty-fifth street.....	Thomas J. Rielly....	L. F. Olney.....	James Kearney....	260 "	26,571 80	13,549 00	4,062 00	9,478 00	
Ninetieth street, Avenue A to East river.....	James Slattery....	J. A. Briggs.....	Wm. J. V. Hart....	30 "	4,362 60				
Ninety-first street, Avenue A to East river.....	James Slattery....	Wm. H. Bostwick..	James L. Brown....	20 "	1,115 42				
One Hundred and Twenty-third street, Tenth avenue to Boulevard.....	M. Fortunato.....	F. E. Towle.....	Bernard Martin....	200 "	10,815 00	10,439 40	3,131 82	7,307 58	
One Hundred and Twenty-fourth street, Boulevard to Amsterdam avenue.....	William J. Rielly....	F. E. Towle.....	Sylvester Bennett..	300 "	13,351 34	6,570 00	1,971 00	4,599 00	
One Hundred and Thirtieth street, Amsterdam to Convent avenue.....	John J. Hopper....	F. E. Towle.....	Isaac Smith.....	150 "	2,220 00				
One Hundred and Forty-fourth street, Boulevard to Twelfth avenue.....	John J. Hopper....	George A. Wheeler..	Denis O'Connor....	125 "	7,396 00	3,262 50	978 75	2,283 75	
One Hundred and Forty-eighth street, Boulevard to Twelfth avenue.....	Matthew Baird....	F. E. Towle.....	F. G. Fay.....	200 "	13,883 30	8,050 00	2,415 00	5,635 00	
One Hundred and Sixtieth street, Eleventh avenue to Kingsbridge road.....	James Flanagan....	J. A. Briggs.....	Theo. Pratt.....	75 "	7,185 50	4,244 00	1,267 20	2,956 80	
Convent avenue, One Hundred and Thirty-fifth to One Hundred and Fifty-fifth street.....	William G. Leeson..	F. E. Towle.....	Thos. W. Gibbons..	100 "	25,721 00				
<i>Special Contracts—Flagging, Curbing, etc.</i>									
Nos. 163 and 162 East One Hundred and Sixteenth street.....	Wm. F. Cunningham	Chas. H. Haswell..		1 "	98 87				Work completed, but not accepted.
West side of West End avenue, Eighty-seventh to Eighty-eighth street.....	Wm. F. Cunningham	Chas. H. Haswell..		2 "	131 74				Work completed, but not accepted.
South side of One Hundred and Twentieth street, east of Seventh avenue.....	P. Larney.....	R. L. Waters.....		10 "	249 02				Work completed, but not accepted.
<i>Fencing Vacant Lots.</i>									
East side of Fifth avenue, between One Hundred and Fourth and One Hundred and Fifth streets.....	P. Hardiman.....	Thomas Slater....		1 "	52 09				Work completed, but not accepted.
One Hundred and Fourth and One Hundred and Fifth streets, Park to Madison avenue.....	P. Hardiman.....	R. L. Waters.....		2 "	109 50				Work completed, but not accepted.
One Hundred and Twelfth and One Hundred and Thirteenth streets, Madison to Fifth avenue.....	J. A. Murphy.....	Thomas Slater....		5 "	240 13				Work not yet commenced.
One Hundred and Fifteenth and One Hundred and Sixteenth streets, Madison to Fifth avenue.....	J. A. Murphy.....	F. Reinart.....		4 "	138 50				Work not yet commenced.
No. 120 East One Hundred and Nineteenth street.....	J. A. Murphy.....	Chas. H. Haswell..		1 "	13 75				Work not yet commenced.
One Hundred and Twentieth street, south side, Lenox to Seventh avenue.....	J. A. Murphy.....	Thomas Slater....		1 "	44 50				
<i>In Front of City Property.</i>									
Clinton Market.....	P. Larney.....	H. Mesa.....		5 "	295 00				Work suspended.
Washington Market.....	Thomas J. Dunn....	H. Mesa.....		3 "	158 00				Work not yet commenced.
Totals.....					\$504,120 00	\$162,337 90	\$48,701 37	\$113,636 53	

## Document "H."

## REPORT OF THE SUPERINTENDENT OF STREETS.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF STREETS AND ROADS, NO. 31 CHAMBERS STREET, ROOM 12,  
NEW YORK, April 1, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

SIR—In accordance with your directions, I transmit herewith report of work done by this Bureau during the quarter ending March 31, 1893.

Respectfully submitted,

JOHN L. FLORENCE, Superintendent of Streets.

The following is a statement of the work done on "Roads, Streets and Avenues—Unpaved" during the quarter ending March 31, 1893:

Roadway repaired.....	7,000 square yards.
Roadway cleaned.....	4 miles.
Gutters opened and graded.....	37 "
Gutters repaired.....	71 square yards.
Curb reset.....	60 lineal feet.
Stone hauled and used.....	266 truck-loads.
Earth hauled and used.....	177 "
Washouts filled.....	3 "

76 truck-loads of refuse and 281 truck-loads of snow and ice were removed.

The following is a statement of the work done on Boulevards, Roads and Avenues during the quarter ending March 31, 1893:

Macadam roadway repaired.....	553 square yards.
Roadway cleaned.....	58 miles.
Gutters cleaned.....	1,060 "
Sidewalks cleaned of snow.....	18 "
Roadway regulated and graded.....	1 "
Snow spread over roadway.....	32 "
Gravel spread.....	100 truck-loads.
Crosswalk laid.....	180 square feet.
Trees pruned.....	230 "
Broken stone hauled.....	132 truck-loads.
Ashes hauled.....	3 "

In making the above-mentioned repairs there were used of—

Broken trap stone.....	107 truck-loads.
Broken gneiss stone.....	25 "
Stone screenings.....	7 "
Gravel.....	100 "
Boiler ashes.....	3 "

2,409 truck-loads of refuse and 1,851 truck-loads of snow and ice were removed.

The crossings were kept clean and the roadways sprinkled when required. Scrapers and snow-plows were used when necessary.

The following is a statement of the various appropriations under charge of the Bureau of Streets and Roads:

Boulevards, Roads and Avenues, Maintenance of—General Account, etc., 1892.....	\$90,000 00
Amount transmitted during the year 1892.....	88,849 07

Balance, January 1, 1893.....

Amount transmitted during the first quarter of 1893 from the appropriation of 1892.....

Balance April 1, 1893.....

Amount appropriated for the year 1893.....

Amount transmitted during the first quarter ending March 31, 1893, is as follows:

Pay-roll, Laborers, etc., week ending Jan. 7, 1893.....	\$867 68
" " " " 14, ".....	962 56
" " " " 21, ".....	977 56
" " " " 28, ".....	1,032 62
" " " " Feb. 4, ".....	885 49
" " " " 11, ".....	877 43
" " " " 18, ".....	965 87
" " " " 25, ".....	922 56

Pay-roll, Laborers, etc., week ending Mar. 4, 1893.....	\$986 36
" " " " 11, ".....	921 68
" " " " 18, ".....	1,125 69
" " " " 25, ".....	1,064 68
Rubber hose.....	40 00
Rent of ground.....	333 33
Horse and wagon.....	180 00
Coal.....	79 30
Pipes.....	52 00
Lumber.....	140 54

\$12,415 35

Balance, April 1, 1893.....

Roads, Streets and Avenues Unpaved—Maintenance of, and Sprinkling, 1892.....	\$30,000 00
Amount transmitted during the year 1892.....	28,062 04

Balance, January 1, 1893.....

Amount transmitted during the first quarter of 1893 from the appropriation of 1892.....

Balance, April 1, 1893.....

Amount appropriated for the year 1893.....

Amount transmitted during the first quarter ending March 31, 1893, is as follows:

Pay-roll, Laborers, etc., week ending Jan. 7, 1893.....	\$95 12
" " " " 14, ".....	131 12
" " " " 21, ".....	149 12
" " " " 28, ".....	149 12
" " " " Feb. 4, ".....	117 62
" " " " 11, ".....	109 12
" " " " 18, ".....	133 12
" " " " 25, ".....	129 12
" " " " Mar. 4, ".....	123 12
" " " " 11, ".....	130 62
" " " " 18, ".....	123 62
" " " " 25, ".....	128 12

1,518 94

Balance, April 1, 1893.....

Boulevards, Roads and Avenues, Maintenance of—Salaries, 1893.....	\$2,500 00
Amount transmitted during the first quarter ending March 31, 1893.....	624 99

Balance, April 1, 1893.....

The following amount has been transmitted during the quarter ending March 31, 1893, and charged to Street Improvement Fund:

Five cents per square foot retained on crosswalks.....

The following is the amount drawn against Restoring and Repaving—Special Fund—during the quarter ending March 31, 1893.....

## Document "I."

## REPORT OF THE SUPERINTENDENT OF LAMPS AND GAS.

DEPARTMENT OF PUBLIC WORKS—BUREAU OF LAMPS AND GAS,  
ROOM 11, NO. 31 CHAMBERS STREET,  
NEW YORK, April 6, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

SIR—Herein I submit a report of the transactions of the Bureau of Lamps and Gas, for the quarter ending March 31, 1893:

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



Exhibit "B" is a summary of the appropriation for "Lamps and Gas and Electric-lighting," showing an expenditure during the quarter of one hundred and thirty-eight thousand four hundred and one dollars and six cents (\$138,401.06), with liabilities amounting to sixty-three thousand one hundred and seventy-seven dollars and eighty-one cents (\$63,177.81), leaving an available balance of seven hundred and four thousand four hundred and twenty-one dollars and thirteen cents (\$704,421.13).

Exhibit "C" is a summary of the appropriation for "Lamps and Gas and Electric-lighting - Salaries," showing an expenditure during the quarter of sixteen hundred and twenty-four dollars and ninety-five cents (\$1,624.95), leaving an available balance of forty-eight hundred and seventy-five dollars and five cents (\$4,875.05).

Exhibit "D" is a 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: a total of 22 new gas lamps and 348 electric lamps having been fitted up and lighted, 15 gas lamps relighted and 1,207 gas lamps discontinued, of which 1,154 were discontinued on account of electric lights. The total number of lamps lighted at the close of the quarter was 27,391, of which 25,354 were gas lamps, 1,885 electric lights and 152 naphtha lamps.

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 photometric stations.

The following statement shows 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.)
Consolidated Gas Company—		
Branch 1	3.46	0.31
Branch 2	10.54	2.54
Branch 3	3.21	0.52
Branch 4	7.42	2.22
Branch 6	5.04	0.52
New York Mutual Gas-light Co.	8.82	0.24
Equitable Gas-light Co.	7.03	Trace.
Standard Gas-light Co.	5.51	0.51

The following shows the specific gravity of the gases:

Consolidated Gas Company—	
Branch 1, specific gravity	.643
Branch 2, " "	.536
Branch 3, " "	.667
Branch 4, " "	.546
Branch 6, " "	.608
New York Mutual Gas-light Company, specific gravity	.736
Equitable Gas-light Company, " "	.706
Standard Gas-light Company, " "	.680

The following statement shows the average maximum and minimum pressure on the mains of such companies as connect with our photometric stations, as recorded on the pressure register 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.
Consolidated Gas Company—	Inches.	Inches.		Miles.
Branch 1	2.22	1.93	Cor. of Bowery and Grand street.	1.86
Branch 2	3.53	1.62	" "	1.60
Branch 3	3.56	1.71	" "	3.70
Branch 4	2.23	1.11	{ Seventy-ninth street, between Second and Third avenues. }	3.70
Branch 6	2.67	1.49	{ Seventy-ninth street, between Second and Third avenues. }	1.80
New York Mutual Gas-light Co.	3.13	2.03	Cor. of Bowery and Grand street.	1.86
Equitable Gas-light Co.	3.84	1.59	" "	2.70
Standard Gas-light Co.	1.97	1.78	{ Seventy-ninth street, between Second and Third avenues. }	1.80

The following contracts have been executed during the quarter, viz.:

Consolidated Gas Company, lighting public lamps, at	\$17 50 per annum.
Equitable Gas-light Company, lighting public lamps, at	12 00 "
Standard Gas-light Company, lighting public lamps, at	13 04 1/2 "
Central Gas-light Company, lighting public lamps, at	27 00 "
Northern Gas-light Company, lighting public lamps, at	28 00 "
Yonkers Gas-light Company, lighting public lamps, at	28 00 "
New York Mutual Gas-light Company, lighting public lamps, at	17 50 "
United States Illuminating Company, lighting electric lamps	351 lamps at 40 cents per night.
Thomson-Houston Electric Company, lighting electric lamps	321 lamps at 40 "
Mount Morris Electric-light Company, lighting electric lamps	314 lamps at 40 "
Brush Electric Illuminating Company, lighting electric lamps,	232 lamps at 40 cents per night and 72 lamps at 45 "
Harlem Lighting Company, lighting electric lamps,	194 lamps at 40 cents per night and 19 lamps at 50 "
Manhattan Electric-light Company, lighting electric lamps	.69 lamps at 40 "
North River Electric-light and Power Co., lighting electric lamps	.633 lamps at 45 "
Edison Electric Illuminating Company, lighting electric lamps	.57 lamps at 50 "

All the rates in the preceding contracts are the same as paid during the past five years.

The following contracts have been awarded but not yet executed:

M. J. Drummond	1,200 cast-iron lamp-posts at 01 1/2 cents per pound.
Bartlett Lamp Manufacturing Company	1,500 street-lamps at \$2 13 each.
"	100 Boulevard-lamps at \$4 75 each.
"	1,500 Boulevard-globes at \$2 00 each.
Manhattan Supply Company	12,000 glass street-signs at 16 1/2 cents each.

The prices for lamp-posts, street-lamps and glass street-signs are less than ever before paid for the same articles by the City; the price for Boulevard-lamps and globes are a trifle higher than have been paid for the past four years.

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, 1893.

Washington Market	\$1,101 61
Catharine Country Market	40 64
Catharine Meat Market	30 12
Fulton Meat Market	354 62
Fulton Country Market	530 38
Essex Market	21 25
Centre Market	129 50
Clinton Market	291 49
Union Market	38 26
Tompkins Market	191 50
Jefferson Market	190 75
First District Police Court	300 12
Second District Police Court	136 75
Third District Police Court	76 50

Fourth District Police Court	\$150 50
Fifth District Police Court	3 25
First District Civil Court	23 37
Second District Civil Court	8 63
Fourth District Civil Court	19 00
Fifth District Civil Court	40 25
Sixth District Civil Court	12 25
Eighth District Civil Court	11 25
Ninth District Civil Court	38
Harlem Court-house	195 87
Court of Special Sessions	38 25
Brown stone (Court-room) Building	316 63
New Court-house	2,131 38
City Hall	512 99
Corporation Counsel's Office	20 76
Corporation Attorney's Office	74 12
Public Administrator's Office	41 87
Board of Assessors	11 88
Department of Public Works	460 50
Department of Taxes	7 88
City Record Book Bindery	6 75
Register's Office	144 61
County Jail	371 50
Pipe Yard, Rivington street	5 51
Pipe Yard, East Twenty-fourth street	14 00
Water Purveyor's Shop, No. 186 Mulberry street	1 50
Water Purveyor's Shop, No. 134 West Thirtieth street	16 88
Water Purveyor's Shop, East Eighty-seventh street	7 38
Water Purveyor's Shop, East One Hundred and Twenty-fifth street	37
South Gate-house, Central Park	76 87
Engine-house, High Water Service, High Bridge	148 63
Engine-house, High Water Service, West Ninety-eighth street	258 25
Clock Tower, Third District Court-house	185 00
New York City Civil Service Board	6 75
Bureau of Streets and Roads, West One Hundred and Nineteenth street	5 62
Bureau of Incumbrances	15 38
Dog Pound, East One Hundred and Second street	6 25
Photometric Station, Grand street	35 37
Photometric Station, No. 231 East Seventy-ninth street	20 38
Seventh Regiment Armory	1,860 75
Eighth Regiment Armory	1,385 13
Ninth Regiment Armory	384 37
Twelfth Regiment Armory	592 50
Twenty-second Regiment Armory	1,466 50
Sixty-ninth Regiment Armory	196 25
Seventy-first Regiment Armory	352 87
Troop "A" Armory	141 25
First Battery Armory	168 00
Second Battery Armory	169 50
Department of Buildings	3 50
Lighting Public Markets, etc., pay-roll	743 50
Cleaning Photometric Station	15 00
Gas examinations	459 00
Cartages	525 00
Rent of Photometric Station, Grand street	150 00
Rent of Photometric Station, No. 231 East Seventy-ninth street	90 00
New lamp-posts	70 95
New Boulevard lamps	90 00
New cross-heads	108 00
New street-signs	93 75
New metal street-signs	200 00
Fitting-up new lamps	16 00
Resetting and repairing lamp-posts	1,792 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards	57 50
Lighting public gas-lamps	56,994 07
Lighting public gas-lamps, Twenty-third and Twenty-fourth Wards	20,527 93
Lighting public electric-lamps	28,130 60
Lighting public electric-lamps, Twenty-third and Twenty-fourth Wards	12,172 05
Lighting public naphtha-lamps	557 34
Record pressure gauge	45 75

Total \$138,401 06

#### RECAPITULATION.

Lighting public gas-lamps	\$56,994 07
Lighting public gas-lamps, Twenty-third and Twenty-fourth Wards	20,527 93
Lighting public electric-lamps	28,130 60
Lighting public electric-lamps, Twenty-third and Twenty-fourth Wards	12,172 05
Lighting public naphtha-lamps	557 34
Gas to public offices	15,562 12
Resetting and repairing lamp-posts	1,792 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards	57 50
Fitting-up new lamps	16 00
Supplies to public lamps	2,590 95

Total \$138,401 06

#### EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," for the Year 1893, showing the Amounts Expended during the Quarter ending March 31, 1893, and the Amount Standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting," 1893	\$906,000 00
Amount of vouchers drawn during the quarter ending March 31, 1893	138,401 06

Balance against which no vouchers have been drawn \$767,598 94

#### LIABILITIES.

Consolidated Gas Company, lighting gas lamps, month of March	\$21,788 34
Equitable Gas-light Company, " "	4,348 14
Standard Gas-light Company, " "	3,013 69
New York Mutual Gas-light Company, " "	194 62
Northern Gas-light Company, " "	5,282 28
Yonkers Gas-light Company, " "	1,507 33
New York and New Jersey Globe Gas-light Company, lighting gas lamps, month of March	278 67
Central Gas-light Company, lighting gas lamps, month of March	3,105 57
Northern Gas-light Company, supply of gas to Engineer's Office, High Bridge	18 40
Central Gas-light Company, supply of gas to Repair Shops, No. 3366 Third avenue	17 92
Central Gas-light Company, supply of gas to Office of Commissioner of Street Improvement, Twenty-third and Twenty-fourth Wards	178 24
United States Illuminating Company, lighting public lamps, month of March	3,479 60
Brush Electric Illuminating Company, lighting public lamps, month of March	3,491 35
Harlem Lighting Company, lighting public lamps, month of March	2,640 40
Thomson-Houston Electric Company, lighting public lamps, month of March	2,909 20
Mount Morris Electric-light Company, lighting public lamps, month of March	1,915 60
Edison Electric Illuminating Company, lighting public lamps, month of March	871 00
Manhattan Electric-light Company, lighting public lamps, month of March	151 20
North River Electric-light and Power Company, lighting public lamps, month of March	7,324 20



Edison Electric Illuminating Company, for electric current supplied to dome of City Hall .....	\$100 56
E. P. Gleason Manufacturing Company, 12 lights bent glass .....	21 00
E. P. Gleason Manufacturing Company, 30 lights of glass for Washington Bridge .....	29 00
E. P. Gleason Manufacturing Company, 15 fire-alarm lamps .....	82 50
Matthew Decorative Glass Company, 200 street signs .....	37 50
Wellington Manufacturing Company, repairing 100 old street lamps .....	122 00
Wellington Manufacturing Company, 60 metal street signs .....	96 00
Bartlett Lamp Manufacturing Company, 200 lamp irons .....	83 50
Mary Unger, lettering 300 Boulevard globes .....	90 00
	<u>\$63,177 81</u>

Balance available .....

	<u>\$704,421 13</u>
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## EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," for the Year 1893, showing the Amount Expended during the Quarter ending March 31, 1893, with the Balance Standing to the Credit of the Appropriation.

Amount of appropriation for "Lamps and Gas and Electric Lighting—Salaries" for 1893 .....	\$6,500 00
Amount of vouchers drawn, month of January .....	\$541 65
" " " February .....	541 65
" " " March .....	541 65
Total amount expended to March 31, 1893 .....	<u>1,624 95</u>
Balance available March 31, 1893 .....	<u>\$4,875 05</u>

## 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, 1893.

CONSOLIDATED GAS COMPANY, BRANCH 1.			
Number of lamps lighted, December 31, 1892 .....	2,978		
Number of new lamps lighted during the quarter .....	4		
Number of old lamps relighted during the quarter .....	1		
Less lamps discontinued during the quarter .....	3	2,983	
Less lamps discontinued on account of electric lights .....	8		11
Number of lamps lighted March 31, 1893 .....			2,972
CONSOLIDATED GAS COMPANY, BRANCH 2.			
Number of lamps lighted December 31, 1892 .....	1,329		
Number of new lamps lighted during the quarter .....	3		
Number of old lamps relighted during the quarter .....	1	1,333	
Less lamps discontinued during the quarter .....	5		
Less lamps discontinued on account of electric lights .....	11		16
Number of lamps lighted March 31, 1893 .....			1,317
CONSOLIDATED GAS COMPANY, BRANCH 3.			
Number of lamps lighted December 31, 1892 .....	1,453		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	1	1,454	
Less lamps discontinued during the quarter .....	2		
Less lamps discontinued on account of electric lights .....	2		4
Number of lamps lighted March 31, 1893 .....			1,450
CONSOLIDATED GAS COMPANY, BRANCH 4.			
Number of lamps lighted December 31, 1892 .....	3,269		
Number of new lamps lighted during the quarter .....	8		
Number of old lamps relighted during the quarter .....	3	3,280	
Less lamps discontinued during the quarter .....	11		
Less lamps discontinued on account of electric lights .....	13		24
Number of lamps lighted March 31, 1893 .....			3,256
CONSOLIDATED GAS COMPANY, BRANCH 6.			
Number of lamps lighted December 31, 1892 .....	5,332		
Number of new lamps lighted during the quarter .....	2		
Number of old lamps relighted during the quarter .....	4	5,338	
Less lamps discontinued during the quarter .....		24	
Number of lamps lighted March 31, 1893 .....			5,314
Total number of lamps lighted by Consolidated Gas Co. March 31, 1893 .....			14,309
EQUITABLE GAS-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	4,485		
Number of new lamps lighted during the quarter .....	5		
Number of old lamps relighted during the quarter .....	0	4,490	
Less lamps discontinued during the quarter .....	1		
Less lamps discontinued on account of electric lights .....	263		264
Number of lamps lighted March 31, 1893 .....			4,226
STANDARD GAS-LIGHT COMPANY, MADISON SQUARE BRANCH.			
Number of lamps lighted December 31, 1892 .....	1,250		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	0	1,250	
Less lamps discontinued during the quarter .....	1		
Less lamps discontinued on account of electric lights .....	96		97
Number of lamps lighted March 31, 1893 .....			1,153

STANDARD GAS-LIGHT COMPANY, HARLEM BRANCH.			
Number of lamps lighted December 31, 1892 .....	1,497		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	1		
	1,498		
Less lamps discontinued during the quarter .....	2	1,496	
Total number of lamps lighted by Standard Gas-light Co., March 31, 1893 .....			2,649
NEW YORK MUTUAL GAS-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	129		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	0		
	129		
Less lamps discontinued during the quarter .....	0		
Number of lamps lighted March 31, 1893 .....			129
CENTRAL GAS-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	1,723		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	2		
Less lamps discontinued during the quarter .....	4	1,725	
Less lamps discontinued on account of electric lights .....	503		507
Number of lamps lighted March 31, 1893 .....			1,218
NORTHERN GAS-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	2,433		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	2		
Less lamps discontinued during the quarter .....	0	2,435	
Less lamps discontinued on account of electric lights .....	258		258
Number of lamps lighted March 31, 1893 .....			2,177
YONKERS GAS-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	646		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	0		
	646		
Less lamps discontinued during the quarter .....	0		
Number of lamps lighted March 31, 1893 .....			646
Total number of lamps lighted March 31, 1893 .....			25,354
NAPHTHA LAMPS.			
NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	152		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	0		
	152		
Less lamps discontinued during the quarter .....	0		
Total number of naphtha lamps lighted March 31, 1893 .....			152
ELECTRIC LAMPS.			
UNITED STATES ILLUMINATING COMPANY.			
Number of lamps lighted December 31, 1892 .....	311		
Number of new lamps lighted during the quarter .....	0		
Number of old lamps relighted during the quarter .....	0		
Less lamps discontinued during the quarter .....	0	311	
Less lamps transferred to Brush Electric Illuminating Company .....	28		28
Number of lamps lighted March 31, 1893 .....			283
BRUSH ELECTRIC ILLUMINATING COMPANY.			
Number of lamps lighted December 31, 1892 .....	252		
Number of new lamps lighted during the quarter .....	7		
Number of old lamps relighted during the quarter .....	0		
Number of lamps transferred from United States Illuminating Company .....	28		
Number of lamps transferred from Thomson-Houston Company .....	10		
Less lamps discontinued during the quarter .....	0	297	
Less lamps transferred to Thomson-Houston Company .....	22		22
Number of lamps lighted March 31, 1893 .....			275
THOMSON-HOUSTON ELECTRIC COMPANY.			
Number of lamps lighted December 31, 1892 .....	213		
Number of new lamps lighted during the quarter .....	22		
Number of old lamps relighted during the quarter .....	0		
Number of lamps transferred from Brush Electric Illuminating Company .....	22		
Number of lamps transferred from Harlem Lighting Company .....	7		
Less lamps discontinued during the quarter .....	2	264	
Less lamps transferred to Brush Electric Illuminating Company .....	10		12
Number of lamps lighted March 31, 1893 .....			252
MOUNT MORRIS ELECTRIC-LIGHT COMPANY.			
Number of lamps lighted December 31, 1892 .....	154		
Number of new lamps lighted during the quarter .....	10		
Number of old lamps relighted during the quarter .....	0		
	164		
Less lamps discontinued during the quarter .....	0		
Number of lamps lighted March 31, 1893 .....			164



HARLEM LIGHTING COMPANY.				NORTH RIVER ELECTRIC-LIGHT AND POWER COMPANY.			
Number of lamps lighted December 31, 1892.....	192			Number of lamps lighted December 31, 1892.....	366		
Number of new lamps lighted during the quarter.....	27			Number of new lamps lighted during the quarter.....	234		
Number of old lamps relighted during the quarter.....	0	219		Number of old lamps relighted during the quarter.....	0	600	
Less lamps discontinued during the quarter.....	6			Less lamps discontinued during the quarter.....	0		
Less lamps transferred to Thomson-Houston Electric Company.....	7			Number of lamps lighted March 31, 1893.....		600	
Number of lamps lighted March 31, 1893.....			212	Total number of electric lamps lighted March 31, 1893.....			1,885
MANHATTAN ELECTRIC-LIGHT COMPANY.				RECAPITULATION.			
Number of lamps lighted December 31, 1892.....	0			Number of gas lamps lighted December 31, 1892.....	26,524		
Number of new lamps lighted during the quarter.....	42			Number of naphtha lamps lighted December 31, 1892.....	153		
Number of old lamps relighted during the quarter.....	0	42		Number of electric lamps lighted December 31, 1892.....	1,537	28,213	
Less lamps discontinued during the quarter.....	0			Number of new gas lamps lighted during the quarter.....	22		
Number of lamps lighted March 31, 1893.....			42	Number of new naphtha lamps lighted during the quarter.....	0		
EDISON ELECTRIC ILLUMINATING COMPANY.				Number of new electric lamps lighted during the quarter.....	348	370	
Number of lamps lighted December 31, 1892.....	51			Number of old gas lamps relighted during the quarter.....	15		
Number of new lamps lighted during the quarter.....	6			Number of old naphtha lamps relighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	0	57		Number of old electric lamps relighted during the quarter.....	0	15	
Number of lamps discontinued during the quarter.....	0			Less gas lamps discontinued during the quarter.....	53		28,598
Number of lamps lighted March 31, 1893.....			57	Less naphtha lamps discontinued during the quarter.....	0		
				Less gas lamps discontinued on account of electric lights.....	1,154		
						1,207	1,207
				Total number of lamps lighted March 31, 1893.....			27,391

## 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, 1893, 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.			STANDARD 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.			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.	Lowest.	Highest.	Average.
Jan. 7, 1893.....	20.74	23.44	21.90	19.75	22.40	20.53	26.57	28.16	27.24	19.88	20.70	20.13	22.87	23.55	23.19	29.22	31.71	30.20	29.77	31.26	30.53	23.04	24.64	23.60
" 14, " .....	22.57	25.80	23.17	19.84	21.54	20.51	26.06	29.22	27.34	19.25	20.28	19.73	22.22	23.68	23.03	28.86	31.06	29.88	28.04	30.72	29.72	23.06	24.96	23.86
" 21, " .....	20.73	22.40	21.35	18.70	19.92	19.27	25.72	27.64	26.96	19.30	22.54	20.54	23.33	25.28	24.03	27.48	31.71	29.44	29.34	29.52	29.61	21.94	25.18	23.72
" 28, " .....	22.28	24.85	23.58	19.85	21.07	20.66	28.20	29.02	28.56	20.52	23.62	22.94	22.38	25.98	24.01	29.20	29.92	29.69	29.22	31.01	30.12	25.27	25.86	25.63
Feb. 4, " .....	22.40	21.28	23.35	19.77	21.35	20.51	26.10	27.95	27.03	21.01	22.75	21.88	23.50	24.55	23.90	30.20	31.08	30.73	29.38	30.74	30.04	22.85	24.88	23.62
" 11, " .....	23.92	24.98	24.38	19.92	21.50	20.61	26.06	28.12	27.34	19.76	22.08	21.22	22.26	25.02	23.42	29.14	31.34	30.33	29.24	30.12	29.81	22.58	24.80	23.71
" 18, " .....	22.44	23.90	23.24	18.90	21.23	20.51	27.92	29.50	28.63	20.88	23.12	22.09	24.08	25.42	24.45	28.74	31.60	30.32	28.94	29.60	29.22	22.58	25.94	24.58
" 25, " .....	23.94	26.64	25.00	18.71	20.53	19.55	27.30	28.98	28.33	21.50	23.18	22.18	23.82	24.76	24.29	29.45	30.84	30.19	28.24	30.60	29.41	22.84	25.06	24.37
Mar. 4, " .....	22.72	25.30	23.88	19.79	21.24	20.32	24.75	26.50	26.55	22.33	24.16	23.03	23.22	25.42	23.93	29.80	32.04	31.11	28.24	32.00	30.17	22.08	23.40	22.64
" 11, " .....	23.76	25.30	24.38	19.55	21.12	20.68	26.04	27.65	27.12	21.27	21.98	21.63	21.36	24.79	23.36	28.54	30.36	29.82	27.80	30.18	29.20	21.06	25.54	24.64
" 18, " .....	22.28	24.96	23.66	20.02	21.10	20.67	27.93	28.72	28.34	20.44	23.34	22.49	23.46	25.44	24.16	28.02	29.54	29.02	27.86	29.66	28.72	23.16	26.22	25.11
" 25, " .....	21.84	24.06	23.03	19.39	20.46	19.91	28.78	29.60	29.18	22.28	23.86	23.15	25.10	26.22	25.53	27.48	29.58	28.82	27.52	30.54	29.52	22.41	25.13	23.60
Apr. 1, " .....	21.72	23.26	23.31	19.13	20.68	20.22	26.66	29.04	27.97	19.20	22.28	20.36	26.05	27.30	26.74	29.04	30.66	29.91	29.14	29.90	29.69	24.77	26.54	25.54
For Quarter .....	22.41	24.55	23.40	19.34	21.09	20.31	26.70	28.62	27.74	20.58	22.51	21.64	23.56	25.18	24.16	28.09	30.88	29.96	28.67	30.48	29.67	23.12	25.33	24.20
Distance from gas-works.....	1.00 Miles .....			1.68 Miles .....			3.00 Miles .....			3.00 Miles .....			1.00 Miles .....			1.00 Miles.....			2.70 Miles .....			1.00 Miles.		
Testing buret.....	Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7.		

## Document "K."

## REPORT OF THE SUPERINTENDENT OF REPAIRS AND SUPPLIES.

CITY OF NEW YORK—DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF REPAIRS AND SUPPLIES,  
SUPERINTENDENT'S OFFICE, No. 31 CHAMBERS STREET, ROOM 15,  
NEW YORK, April 6, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

SIR—I have the honor to submit to you the following report of the transactions of this Bureau for the quarter ending March 31, 1893.

Among the principal items of work done by the Bureau I refer to the following:

## NEW CRIMINAL COURT-HOUSE.

The building has been inclosed and heated during the winter, and at this time the plastering is practically completed.

A large number of men are engaged fitting up the stairways and the six passenger elevators. The marble of the arcade has been carefully paved, the faces of the Caryatides have been finished to conform to a model, and the ornamental tracery in the spandrels has been touched up and finely finished.

The vestibule of the Centre street entrance is well advanced toward completion; its floors is tiled; the polished black marble wainscot is in place, and the white marble stair flight, leading to the arcade corridors, is almost complete.

The encaustic tiling throughout the corridors and rooms of the building is well advanced towards completion, and the rooms in the basement, the floors of the attic, and the additional work in the corridors, provided in the supplementary contract, are nearly finished. The plumbing, gas piping and electric wiring are well advanced, and the work is being progressed with a full force of workmen.

The carpenter's work is being inexcusably delayed. The number of workmen employed on it in the building since the 1st of January, will not average 9 workmen per day.

The contractor has been unable to obtain the material, and, although nearly all the sashes are hung, the building warmed at a large expense, and rooms enough ready to employ from 100 to 150 carpenters to advantage, only a portion of the trim for the top story is in place, while the doors and transoms for this story remain unhung for want of satisfactory hardware.

The steam plant, provided for heating and ventilating the building and supplying the power to operate six large elevators, has been connected together, and under a supplementary contract has been used to heat the building since December 10, 1892.

Notwithstanding the unusual severity of the winter, and the fact that the work done was only temporary, the carpenter's work not being far enough advanced to permit the permanent placing of the registers and radiators, the heat supplied was found sufficient to protect the interior from damage by frost and to permit the plastering, tiling and cement work to be proceeded with without any interruption.

The building at this date is in such condition that it could be made ready for furnishing in 100 days, provided the woodwork was ready to be placed and reasonable energy was applied to push this work to completion.

## NEW HARLEM COURT-HOUSE AND PRISON.

This building was occupied on January 1, 1893, by the Fifth District Police and Ninth Judicial District Courts, and the Commissioners of Charities and Correction entered into possession and charge of the Prison, and the rooms on the first floor on One Hundred and Twenty-first street and Sylvan place were turned over for the use of shops and the storage of material in charge of the Chief Engineer's Bureau.

The building is in charge of a Janitor, Steam Engineer, Firemen, Elevator man and Cleaners. It has been furnished throughout, and supplied with coal necessary to operate its steam plant and elevator.

An office has been built on the first floor, on the Sylvan place front of the building, for the use of the Water Purveyor's Bureau, and a stall, with necessary plumbing, for a horse.

Two partitions have been put up in the top story of the building for drafting rooms for the use of the Engineer's Bureau.

## COUNTY COURT-HOUSE.

The Supreme Court—A paneled partition was put up in the corridor adjoining the Surrogate's Court to inclose a storage room for use of the court.

Superior Court—4 rotary chairs were furnished for use of the judges; a 17-foot table and book-rack put up in court-room; carpet laid, window-shade and mirror hung in the toilet-room, and law books for use of the court supplied; 10 old pan water-closets were taken out and replaced with new sanitary closets of the most approved pattern—the connections were all renewed, slate floors put in and the closets painted. In the Judge's ante-room and Room No. 35, the walls and ceilings have been repaired, painted and calcimined, hardwood work varnished and radiators bronzed.

Court of Common Pleas—Some new closets were built, a jury-wheel, rotary chairs and City Directories furnished, and a protective ventilator put up in the Naturalization Bureau.

County Clerk's Private Office—A black walnut paneled glass partition was put up to inclose private office; new carpets laid in same and adjoining office; a large rotary chair, desk rugs and gas-stove furnished; a ventilating slide put in one of the windows and the window sashes and trim painted.



Sheriff's Office—5,000 ribbon badges for use of Special Deputies were furnished.

Surrogate's Court—New partitions were put up in the northwest basement room of the Court-house, dividing it into two offices, with an ante-room for use of the two Surrogates; carpets, linoleum and rugs were laid, window-shades and screens put up, desks, tables, chairs, wardrobes and a number of law books furnished. In the ante-room at left of the entrance to the office the walls and ceiling have been painted and calcimined and a new light of plate glass put in one of the windows. The furnace of one of the boilers has been repaired and a new invert arch put in same. An opening was cut in the south side of the elevator partition on the third floor and a folding iron door hung in same, with all necessary fixtures and trim complete. One of the pumps in engine-room has been repaired and a new rock shaft put in. Two barrels of disinfectant and two barrels of machinery oil have been supplied for use of the Janitor and Engineer. About 14,000 feet B. M. of lumber, comprising pine, walnut, oak, ash, mahogany, cherry and spruce, together with the necessary hardware required, have been supplied for use of the carpenters in the employ of the Bureau. In three rooms in the Janitor's apartments the walls and ceilings have been repaired, painted and calcimined and radiators bronzed.

#### THE CITY HALL.

Mayor's Office—New carpet was laid in the ante-room; 3 rubber mats and 2 trunks for official documents and election returns supplied; new swinging-doors hung and 2 black walnut cabinets put up, varnished and polished; 2 roll-top desks were furnished—one for use of the President of the Board of Aldermen and one for use of City Library. Some cane-seat chairs were furnished for City Library.

Three rooms and two hallways in the northwest basement were set apart and repaired for use of the Street Cleaning Department. The plastering repaired, ceilings and walls calcimined and woodwork painted. The office and small room adjoining, used as a police station, have been painted and calcimined, the grained work touched up and varnished and radiators bronzed.

The iron railings on the north, east and west fronts have been taken down, altered, fire-cleaned and replaced in position. All the railings and gratings around the building have been painted.

The City Court—Linoleum has been laid inside the railing in Room No. 11, and some law books furnished for use of the court.

#### THE BROWN-STONE BUILDING.

The east and west gables, the two extensions, the window frames and sash and the iron railings were cleaned off and painted. An automatic injector was placed on boiler and a new galvanized iron chimney-top put up on the boiler-flue, and the flue cleaned.

District Attorney's Office—Plastering repaired in Chief Clerk's Office, and names of the Assistant District Attorneys lettered in black on the glass panels of the office doors, and a gas-stove put up in one of the rooms.

Court of General Sessions—A rotary book case was furnished the Judges' chambers; gas-stoves in Parts II. and III., and a No. 21 scorching, with screen, pipe and fixtures, put up in Part III.

Surrogate's Court, "Trial Term"—The room in the southwest corner of the basement was fitted up for use of the Surrogate's Court. The cases and platforms were removed, the plastering repaired, walls and ceilings painted and calcimined. A partition built to inclose a private room for use of the Surrogate, a vestibule with storm-doors erected at the entrance to court-room. A platform and railings and desk put up in court-room, carpets laid on platform and in the private room, linoleum laid in the court-room, window-shades and screens put up on windows; three signs, lettered in smalts and gold, were put up, a long table, a number of cane-seated chairs and a scorching stove were placed in court-room, and a gas-stove put up in private room, a roll-top desk for use of Surrogate, a desk for the Clerk and one for the Stenographer; 4 rotary chairs and some armchairs, a small table, 2 umbrella-stands, a Bible, 1 bookcase, 1 rotary bookcase, 2 wardrobes, a mirror, a fifteen-day time clock were furnished and put in place. New stand and gas-fixtures put up on Judge's bench and in the court-room; the basement hall was cleaned and painted, plastering repaired, ceiling calcimined and hardwood work varnished.

#### HALL OF RECORDS.

Two new Liber cases, each 6 feet long and 9 feet high, were put up in the mortgage-room; 2 new hot-air registers put in; the furnace repaired; 4 new galvanized-iron leaders put up and law books and directories furnished.

#### NO. 31 CHAMBERS STREET.

The old brick drain in the cellar and the soil-pipes connecting with it were taken up, the trench disinfected and a new extra heavy cast-iron pipe, with all the necessary connections, put in to replace them.

Repairs were made to the steam-heating apparatus in the Water Purveyor's Office. The cylinder-head of the elevator was repacked and a new brass valve-float put in the elevator tank. The stand pipe was cleaned out and put in proper order. A Metropolitan injector was connected with the two boilers.

Bureau of Lamps and Gas—The walls and ceiling have been painted and calcimined and radiators bronzed and a rotary chair furnished. The elevator shaft was cleaned off, walls calcimined and hardwood work screens and carriage varnished.

In Rooms Nos. 5 and 15 and the main hall and stairs from Room No. 5 to the foot of the stairs on fourth floor, the plastering has been repaired, ceilings calcimined, walls painted, hardwood, including stair-rails and balusters, cleaned and varnished, and radiators and pipes bronzed.

In the sub-cellar the plastering has been repaired and the ceilings and walls of the boiler-room, engine-room and store-room, as far back as the elevator shaft, have been cleaned off and calcimined.

In the basement the ceiling, from the elevator shaft to Chambers street front, and the area and brick piers, have been calcimined.

An iron wire railing, with cherry top rail, and a gate, was put up in the Deputy Commissioner's Office, and a similar railing put up in the ante-room.

A base with electric wire connections and engraved plate was put up in the Deputy Commissioner's room, and a large rug and rotary bookcase furnished for his use.

New window-shades were hung in Room No. 11.

The carpet in Room No. 19 was taken up, cleaned and relaid; Astor files, clasp envelopes, law books and directories were furnished for use of the Department, and two "Edison Minneographs" supplied.

Partitions to inclose two rooms were put up and painted in the building No. 3368 Third avenue, occupied by the repair gang of the Water Purveyor's Bureau.

A contract was made with the Otis Brothers for the inspection of the elevators in No. 31 Chambers street, Brown Stone Building and County Court-house during the year 1893, and a policy of insurance against loss arising from compensation to any person injured about said elevators, to the amount of \$10,000; inspections to be made bi-monthly and reported to this Bureau.

#### THE COURTS—CIVIL AND POLICE.

First District Civil Court—Two extra heavy galvanized iron leaders were put up and the gutters repaired and painted; the new woodwork in Clerk's office was painted, and window-shades hung on the windows; a roll-top desk and ivory gavel were furnished for use of the Judge.

The Second District Civil Court—The linoleum inside the railing was cleaned off and given one good coat of varnish, and a small sign lettered and hung at the entrance to the court; alterations were made to the Judge's platform and railings; the plumbing has been repaired and put in order; the damage caused by the fire, which occurred in February, has been entirely repaired; new flooring, doors, window-sash and trim were put in where required; the ceilings furred, plastered and calcimined; the walls of court-room, storage-rooms, water-closets, halls and corridors were repaired and painted.

The Third District Court-house—The ceilings and walls in the court were washed off, plastering repaired, ceilings calcimined in tints, the walls painted 3 coats of lead and oil paint; iron railings painted, radiators bronzed; the benches, wainscoting and trim varnished, and the chandeliers with their pendants bronzed with the best fluid bronze; the ceiling of the jury room (Civil Court) was calcimined and cornice touched up; the new tanks in the water-closets through out the building were painted, and two ceilings in the main vestibule were painted in lead and oil; over the windows in the Civil Court were pointed up with cement; a new paneled front was put up on the cabinet for continued cases in Clerk's office, and a box for records furnished.

Contracts were made for the heating by steam of the Fourth and Sixth District Civil Courts during the year 1893.

Seventh District Court-house—A new galvanized-iron shutter and flashings were put up at skylight over hallway. A new tube and offset to connect leader put up. All the gutters repaired and painted and made weather-tight. The kitchen range was repaired, new castings and fire-brick put in and new cap pieces put on the ends. A new Inodoro closet with seat, cistern, valves and couplings was put in to replace an old pan closet. The walls and ceilings of the vestibule, hallways and stairs from entrance up to court-rooms, and the third floor hall and stairway on east side of building and kitchen have been washed off, plastering repaired, ceilings calcimined, walls painted, hardwood cleaned and varnished, radiators bronzed. On the outside of the building all the window frames and sashes, iron guards and screens, the entire portico, front doors and iron railings have been painted in lead and oil, and sash reglazed and puttied up where needed.

Eighth District Civil Court—The court-room, Clerk's office, jury room and ante-rooms have been cleaned, walls repaired and calcimined, woodwork and trim painted, hardwood varnished

and papered walls newly papered. The hall and stairway were calcimined and grained work touched up and varnished. A new jury wheel was furnished for use of the court.

Special Sessions Court—The roof was repaired and made weather-tight, and the safe in Clerk's office repaired and a new combination put on same.

Third District Police Court—The furnace was repaired, a new grate put in and the pipes cleaned out.

Sixth District Police Court—Some linoleum was laid in court-room.

#### THE HARLEM COURT-HOUSE.

20 settees, each 12 feet long, were placed in the Ninth District Civil Court and 20 in the Fifth District Police Court.

2 wooden mantels, with mirrors, and 2 porcelain wash trays and a range, with fixtures complete, were put up in Janitor's apartments.

2 doors were built up on the prison side, and 2 new doors hung, 1 of wrought-iron and 1 of paneled ash.

Shelving was put up in the fire-proof vaults; a paneled oak partition, with counter shelving and book racks, and a library case, 12 feet long and 9 feet high. 2 cases of pigeon-holes, inclosed with sliding sash doors, were put up in the Ninth District Civil Court.

In the Fifth District Police Court a case of shelving in two sections was put up.

The elevator shaft was cleaned down and painted. A paneled ash partition was put up on the fourth floor to inclose rooms for use of the engineers of this Department engaged on the Harlem Bridge work.

New carpets and linoleum were laid in the court-rooms and offices and in the Janitor's rooms.

The carpets taken from the old court-rooms were cleaned and relaid in Janitor's rooms, as far as they could be made available; rubber and wire door-mats were placed at court entrances; window shades were hung on all the windows of the building facing the streets (they are made of the best nonpareil cloth and hung on hartshorn spring rollers); fifteen-day clocks were put up in the court-rooms and Clerks' offices of both courts, and a clock was placed in the tower of the building, with dials facing both streets.

The safes of both courts have been repaired and placed in position.

Both the court-rooms, and the offices of the Clerks' and Judges' rooms, have been furnished throughout with desks, tables, rotary chairs, book-racks and cases, arm and office chairs, mirrors, wardrobes, etc.

Tools were furnished for use of the Engineer, and a refrigerator for Janitor use.

All the old furniture, books, papers, etc., of the courts were removed from the old court-rooms to the new building as carefully as the circumstances would permit.

A box-stall, for use of Water Purveyor's Bureau, was put up in the basement on Sylvan place side, with iron gutter, bell trap and sewer connection complete.

Gas-fixtures were put up on the several floors where they were not previously provided for, and about 120 tons of coal and the necessary supply of pine wood were furnished for use of the engineer in charge of the boilers.

#### THE COUNTY JAIL.

The roof and gutters were repaired and painted, new tubes put in gutters and about 160 feet of new galvanized-iron leader put up and the coping pointed up with cement. A new City Directory was furnished.

#### THE FINANCE DEPARTMENT.

In the Bureau of the Receiver of Taxes—An iron wire railing was put up to inclose a space for use of the Deputy Receiver, and alterations were made to the other partitions as required, and a large wire mat and 2 cocoa mats supplied. Ten  $\frac{1}{2}$ -horse-power electric-fan outfits with necessary wiring, cut outs, brackets, shelving were put up in accordance with the regulations of the Board of Fire Underwriters.

In the City Paymaster's Office—Thirty-five electric-lights with necessary wiring and fixtures were put up. The old telephone instruments were taken out and replaced with a long-distance telephone. A rotary desk chair was furnished for use of the Stenographer.

#### THE COMMISSIONERS OF TAXES AND ASSESSMENTS.

Arrangements have been made for the removal of the office of the above Commissioners from the Staats Zeitung Building to their new offices in the Stewart Building; drawings and specifications were made and orders issued for making and putting up of about 175 running feet of desks with pigeon holes, book racks and closets underneath and furnishing 15 new standing desks, the removal and alteration and putting up of some of the old record cases, and the removal of all the office furniture, books and appurtenances. All this work is now under way, and every effort will be made to have it completed in time so that the work of the office can proceed without unnecessary interruption. Some law books and directories have been supplied.

#### BOARD OF STREET OPENING AND IMPROVEMENT.

A rotary book rack, desk, chair and some office chairs, hat and coat racks, umbrella stands, letter-press stand and desk rugs have been furnished and window shades hung, and a number of law books furnished.

#### COMMISSIONERS OF ACCOUNTS.

A new carpet has been laid, desk rugs furnished and old carpets taken up, cleaned and relaid.

#### CIVIL SERVICE BOARDS.

Some law books have been supplied.

#### 49 BEEKMAN STREET.

The new closets and document boxes in the office of the Public Administrator were painted and lettered.

#### THE DEPARTMENT OF BUILDINGS.

A new fire-proof safe, three 15-day office clocks, 22 desks, rotary chairs and stools, rotary book-stands, umbrella-stands, hat-racks, office chairs, mirrors, wardrobes and tables have been furnished, a 12-foot standing-desk built and old standing-desk repaired. A pine partition to inclose a room for stationery was put up and some toweling and office supplies furnished, and a set of telephone instruments put in and connected with the Telephone Exchange.

#### THE MARKETS.

Washington Market—The louvers of 24 feet of the skylights have been covered with galvanized iron; a new tube and 3 new leaders put in, and the roof over Stands Nos. 309, 329, 323, 187 and 182 repaired, and new galvanized-iron flashings put around the skylights.

A new skylight was put up over Stand No. 292 and 1 over Stand No. 72; they are glazed with  $\frac{1}{4}$ -inch glass in galvanized-iron frames, and are furnished with all necessary cords, pulleys and fixtures. The flooring has been repaired in 42 different places in the market.

West Washington Market—The brickwork of the ten arches at the several entrances to the market has been cleaned off, pointed up, painted and relettered. The leaders at No. 5 Lawton avenue, No. 33 Grace avenue, Nos. 31 and 34 Hewitt avenue and Nos. 17 and 33 Loew avenue have been repaired and painted, and new leaders put up at Nos. 49 and 63 Gansevoort street, No. 33 Hewitt avenue and No. 64 Loew avenue. The iron rolling-shutters have been repaired in about 40 stands throughout the Market.

Catharine Market—The entire exterior of both buildings and the ceiling of the larger one has been cleaned off and painted two good coats of lead and oil paint.

Fulton Market—A galvanized-iron skylight was put up over Stands Nos. 130 and 132; two sides covered with galvanized-iron, and two sides furnished with swinging sash, glazed with  $\frac{1}{4}$ -inch glass. The roof over Stands Nos. 17, 19, 163, 165 and 168 was repaired, the damaged tin removed and replaced with new stamped tin, painted both sides; the roof over the other stands was repaired, and the flat tin roof on south side, nearest Beekman street, was repaired, and about 300 sheets of new tin put in to replace those damaged and taken out, and the walls and coping pointed up. The flooring in front of Stand No. 23 was taken up and new sleepers and flooring laid. The window frames, guards, sashes, doors, casings and the iron awning has been cleaned, scraped and painted with lead and oil paint, and the roof of awning with metallic paint.

Jefferson Market—The chimney and pediment over Gregory's loft has been repaired and cleaned, a galvanized-iron chimney-top, with Emerson head, put on. The gutters on Sixth avenue side and the slate and flat tin roof have been repaired, new flashings put on, the damaged tin replaced with new tin and the entire flat roof and gutter painted with metallic paint, and 4 additional 4-inch leaders were put up.

Clinton Market—The flat tin roof on the southerly side of the market was repaired, the damaged tin in the gutters, valleys and hips removed and replaced with new tin; about 670 14 x 20 sheets painted both sides; 1 new galvanized iron leader put up and 5 leaders repaired; the gravel roof between and outside the tin roofs was repaired and the roof over Stands Nos. 8, 10, 12, 16, 18, 20, 39, 55, 57, 59, 62, 64, 66 and 68 was overhauled and repaired; the 3 large doors on Washington street, 1 on Canal street and 1 on West street were repaired and new bolts and hinges put in where needed and the glazing repaired.



Tompkins Market—A new sash with circular head, 5 feet 6 inches wide and 7 feet 6 inches high, with moulded half circle, and glazed with double thick window glass, was put in; 1 storm-door repaired and a circular sash reglazed. A new copper connection was made with the iron gutter over the Board of Officers' room; a new box and galvanized-wire strainer put in.

Centre Market—The entire exterior of the building (including doors, window frames and sashes, iron guards, screens and cornices), has been cleaned down, the brickwork pointed up and painted with lead and oil paint; repairs have been made to the doors and glazing. The ceiling over Swift's stand, damaged by the fire in the court-room, was repaired and calcimined. The double pitch roof over Hughes' factory was repaired; about 300 sheets of damaged tin removed and replaced with new stamped tin, painted both sides two coats, and the roof painted with one coat of metallic paint. A new roof of stamped tin was put on the shed on Centre Market place side and a new galvanized-iron leader put up and 1 repaired.

## THE ARMORIES.

Troop A and Signal Corps—The partition of locker-room was moved forward about 10 feet, the location of arms cases changed and some additional cases built to hold carbines and pistols; 6 new lockers built; Yale locks put on all the lockers; the floor of locker-room stained and varnished, partition calcimined and new lockers painted, grained and varnished.

The Second Battery Armory—Repairs were made to the flooring in several places and about 3,000 square feet of new flooring laid to replace the damaged flooring taken up.

The Seventh Regiment Armory—The leaders were taken down, repaired and painted. The leaks on roof of main drill-room and the gutters have been repaired and the new tin painted. The rolling window shutters have been put in working order, and the window frames and sashes, iron railings, gratings and window guards painted and the entrance doors cleaned off and varnished.

The Ninth Regiment Armory—The main steam-pipes have been covered with hair-felt and canvas where the old covering had been defective.

The Twelfth Regiment Armory—The electric wiring used for lighting the chandeliers was repaired and put in working order. Two large ornamental brass lamps were put up at the entrance to the armory.

The Twenty-second Regiment Armory—The entire exterior of skylights, the window sashes, frames, iron railings and gratings on the exterior of the building have been painted and the radiators and steam-pipes in the Armory bronzed. The roofs have been repaired, new flashings put around skylights over the company rooms, leaks on the roof of the main drill-rooms soldered, and the new work painted two coats. The glazing throughout the building was repaired and a new switch-board put in for the electric plant.

Sixty-ninth Regiment Armory—A new galvanized-iron chimney top with Emerson head was put up on the boiler chimney and the flue cleaned out. New flashings were put on the chimney and the slate roof repaired.

Seventy-first Regiment Armory—An additional line of posts and girders was put up in the cellar to strengthen the floor of the main drill-room.

1,450 feet of 3/4-inch three-ply rubber hose, with nozzles, couplings and hose-reels complete, were furnished for use of Troop A, Second Battery.

The Eighth, Twelfth, Twenty-second and Sixty-ninth Regiments—1,000 pounds of cotton waste, together with Engineers', Janitors' and Armors' supplies, were furnished and delivered to the several armories in accordance with the requisitions of the auditing boards of the several commands filed in this Bureau.

## THE FREE FLOATING BATHS.

Repairs were made to 3 of the platforms, three (3) new bridges were built, 10 floating fenders repaired. New wearing pieces put on Baths Nos. 7 and 8. A new mooring post in Bath No. 9 and a facing piece on the platform of Bath No. 15. Two new trusses were built for use of Battery bath, 26 feet long and 4 feet wide, with necessary stanchion rods complete.

Thirty 3-inch galvanized-iron pumps were furnished for use of baths and old ones repaired. A new scow was furnished for use of the men employed on the baths.

A contract and specifications were prepared for the building of new pontoons and repairs to the old ones.

The painting of all the baths and the repairs to the roofs. All this work was advertised and given out at public letting, and will be pushed forward as rapidly as possible, so that the baths may be prepared for the summer season in proper time. A quantity of lumber with necessary hardware was furnished for the minor repairs usually made to the baths while in winter quarters by the carpenter in the employ of the Bureau, assisted by the bath-keepers.

Specifications were prepared and contracts made for furnishing the buildings in care of the Bureau with 5,000 tons of coal and 500,000 pounds of ice in bulk, and the daily supply of ice for about 140 water-coolers in 10-pound pieces.

Orders were issued for the heating by steam of the City Hall and the Fourth and Sixth District Civil Courts, for the care and winding of city clocks, for telephone service, the repairs and alterations of stoves and fixtures, the usual repairs to plumbing, steam and gas-fitting, the iron-work and glazing and the repairs to furniture in the several buildings and offices in care of this Department.

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 4, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

DEAR SIR—I submit herewith the following report of the business of this Bureau for the quarter ending March 31, 1893 (months of January, February and March):

797 complaints of obstructions received and attended to.  
445 seizures and removals of obstructions made.  
1,002 building permits issued.  
318 miscellaneous permits issued.  
4 permits issued to cut down shade trees.  
17 notices issued to repair defective vault covers.  
Expense of seizing and removing 445 articles, including 16 loads of dirt, stone, refuse, etc., and throwing in dirt, etc., on premises at various places; removing 151 dead and dangerous trees, stumps, etc.; also 32 telegraph poles, and about 164 miles of electric wire..... \$7,972 90

Total expenses for the quarter..... \$9,997 90

Received from owners for the redemption of seized articles..... \$331 25  
Received from public sale of unredeemed articles, February 9, 1893..... 214 65

..... \$545 90

All of which was duly paid over to the City Chamberlain.  
Salary account—Appropriation..... \$7,800 00  
Expended up to March 31, 1893..... 2,025 00

Balance..... \$5,775 00

Appropriation for the removal of obstructions in streets and avenues..... \$25,000 00  
Expended up to March 31, 1893..... 7,972 90

..... \$17,027 10

Respectfully,

MICHAEL F. CUMMINGS, Superintendent of Incumbrances.

## Document "M."

## REPORT OF THE WATER REGISTER.

BUREAU OF WATER REGISTER, No. 31 CHAMBERS STREET,  
NEW YORK, March 31, 1893.

Hon. MICHAEL T. DALY, Commissioner of Public Works:

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending March 31, 1893:

	Principal	Penalties	Taps
January.....	\$157,790 65	\$1,227 25	\$132 00
February.....	219,218 44	1,789 20	302 00
March.....	172,824 01	510 40	814 50
Total amount.....	\$549,833 10	\$3,526 85	\$1,248 50

Total amount..... \$554,608 45

## Deposits to the credit of Water Meter Fund No. 2—

January.....	\$1,678 33
February.....	290 75
March.....	474 62

Total..... \$2,443 70

## Special Fund—Repairing Streets—

January.....	\$869 00
February.....	1,220 00
March.....	1,054 00

Total..... \$3,143 00

Respectfully,

JOSEPH RILEY, Water Register.

## DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

MEETINGS, JUNE 5 TO 10, 1893.

## Communications Received.

From Penitentiary—List of prisoners received during week ending June 3, 1893: males, 19; females, 1. On file.

List of prisoners to be discharged from June 11 to 17, 1893. Transmitted to Prison Association.

Report of prisoners confined in dark cells for violation of rules during May, 1893. On file.

From City Prison—Amount of fines received during week ending June 3, 1893, \$28. On file.

From Health Department—Transmitting list of house infected with typhus fever. Copy to be forwarded to heads of institutions.

From Heads of Institutions—Reporting meats, milk, fish, etc., received during week ending June 3, 1893, of good quality and up to the standard. On file.

From City Cemetery—List of burials during week ending June 3, 1893. On file.

From Health Department—Referring to communication in regard to quarantining inmates who have been exposed to typhus fever, and approving of the selection of Hart's Island for that purpose.

The "Typhus Suspects" now at Bellevue Hospital to be removed on boat of the Board of Health to Hart's Island, where accommodations for them have been arranged, and where all suspects in future are to be cared for.

From N. Y. City Asylum for Insane, Blackwell's Island—History of 17 patients admitted, 3 discharged, and 4 that have died during week ending June 3, 1893.

From N. Y. City Asylum for Insane, Ward's Island—History of 18 patients admitted, 10 discharged, and 3 that have died during week ending June 3, 1893. On file.

From District Prisons—Amount of fines received during week ending June 3, 1893, \$288. On file.

From his Honor the Mayor—Transmitting notice from Superintendent of Buildings in regard to lack of fire-escapes on Nurse's Home, Blackwell's Island. Secretary to reply and say that the work is in hand.

## Appointed.

- From June 1. Frederick Brockmiller, Assistant Cook, N. Y. City Asylum for Insane, Hart's Island. Salary, \$450 per annum.  
" 1. Hannah Kirley, Attendant, N. Y. City Asylum for Insane, Hart's Island. Salary, \$216 per annum.  
" 1. Mary Varley, Cook, Bellevue Hospital. Salary, \$300 per annum.  
" 1. Jennie Hall, Domestic, Bellevue Hospital. Salary, \$120 per annum.  
" 2. Arthur Williams, Orderly, Bellevue Hospital. Salary, \$240 per annum.  
" 1. Margaret McDonald, Domestic, Gouverneur Hospital. Salary, \$96 per annum.  
" 1. John O'Hara, Orderly, Ward's Island Hospital. Salary, \$228 per annum.  
" 1. Henry Vanderswan, Laborer, Ward's Island Hospital. Salary, \$180 per annum.  
" 2. Ellen Caffrey, Attendant, N. Y. City Asylum for Insane, Blackwell's Island. Salary, \$216 per annum.  
" 2. Henry P. O'Reilly, Thaddeus Carolan, Attendants, N. Y. City Asylum for Insane, Ward's Island. Salary, \$300 per annum each.  
" 2. Mary Reddy, Assistant Nurse, Randall's Island Hospital. Salary, \$120 per annum.  
" 2. William Herboth, Cook, N. Y. City Asylum for Insane, Hart's Island. Salary, \$600 per annum.  
" 2. Fannie Fitzgerald, Cook, Bellevue Hospital. Salary, \$300 per annum.  
" 3. Xavier Kaiser, Cook, N. Y. City Asylum for Insane, Long Island. Salary, \$400 per annum.  
" 3. Agnes Ward, Nurse, Ward's Island Hospital. Salary, \$120 per annum.  
" 5. William Fletcher, Gatekeeper, City Prison. Salary, \$700 per annum.  
" 5. Marion Mann, Nurse, Randall's Island Hospital. Salary, \$192 per annum.  
" 6. Margaret Connolly, Anne Lautenschlager, Attendants, N. Y. City Asylum for Insane, Blackwell's Island. Salary, \$216 per annum each.  
" 7. Maggie McGowan, Attendant, N. Y. City Asylum for Insane, Hart's Island. Salary, \$216 per annum.  
" 7. Daniel Collins, Patrick Lalor, John Donegan, John K. Eckert, Attendants, N. Y. City Asylum for Insane, Ward's Island. Salary, \$300 per annum each.  
" 7. Thomas Lennon, Fireman, N. Y. City Asylum for Insane, Ward's Island. Salary, \$360 per annum.  
" 8. Thomas Slattery, Frank Reilly, Attendants, N. Y. City Asylum for Insane, Long Island. Salary, \$300 per annum each.  
" 9. Michael Cummins, Attendant, N. Y. City Asylum for Insane, Long Island. Salary, \$300 per annum.

## Reappointed.

- June 3. Mary A. Quinn, Attendant, N. Y. City Asylum for Insane, Hart's Island. Salary, \$216 per annum.

## Resigned.

- June 1. Maggie Early, Domestic, N. Y. City Asylum for Insane, Ward's Island.  
" 2. Charles Smith, Laborer, Randall's Island Hospital.  
" 4. William O'Neil, Messenger, N. Y. City Asylum for Insane, Blackwell's Island.  
" 5. Thomas W. Mundy, Attendant, N. Y. City Asylum for Insane, Ward's Island.  
" 5. Dennis J. Mongovan, Attendant, N. Y. City Asylum for Insane, Ward's Island.  
" 5. Michael Mahoney, Attendant, Randall's Island Hospital.  
" 5. Mary E. Duffy, Attendant, N. Y. City Asylum for Insane, Hart's Island.  
" 5. Ellen Kelly, Domestic, Harlem Hospital.  
" 5. Ellen McCoy, Attendant, N. Y. City Asylum for Insane, Hart's Island.  
" 6. Nora Donegan, Attendant, N. Y. City Asylum for Insane, Blackwell's Island.  
" 7. Johanna Heidler, Attendant, Workhouse.  
" 7. W. J. Porter, Assistant Physician, N. Y. City Asylum for Insane, Blackwell's Island.  
" 7. William Broderick, Attendant, Randall's Island Hospital.  
" 7. Nellie F. Mahoney, Attendant, N. Y. City Asylum for Insane, Blackwell's Island.  
" 8. George C. Armstrong, Assistant Physician, N. Y. City Asylum for Insane, Ward's Island.  
" 8. John P. Croa, Attendant, N. Y. City Asylum for Insane, Ward's Island.  
" 8. Delia Horan, Attendant, N. Y. City Asylum for Insane, Hart's Island.  
" 9. Mary Simonson, Attendant, N. Y. City Asylum for Insane, Blackwell's Island.  
" 10. Frances Fitzgerald, Attendant, N. Y. City Asylum for Insane, Blackwell's Island.  
" 10. John H. Farrell, Attendant, N. Y. City Asylum for Insane, Long Island.

## Dismissed.

- June 3. Patrick Lilly, Attendant, N. Y. City Asylum for Insane, Ward's Island.  
" 3. John M. Wyckoff, Attendant, N. Y. City Asylum for Insane, Ward's Island.

G. F. BRITTON, Secretary.







*Referred.*

For furniture, bedding, etc., estimated cost, \$882.50. To Chairman Committee on Telegraph and Supplies, with power.  
For two horses for Engine 58, estimated cost, \$600. To Chief of Battalion in charge of Hospital and Training Stables, with directions to select.

*Filed.*

Report of death of horse of Hook and Ladder 11.  
Proposal of the Standard Underground Cable Company, for placing fire-alarm conductors underground, returned by the Finance Department without approval of sureties. Receipt of to be acknowledged.  
Communication from Finance Department relative to proposed substitution of surety on proposal of La France Fire Engine Company for Hayes Hook and Ladder Truck. Substitution of surety having been approved by the President on 16th instant, action approved.  
Communication from Consolidated Telegraph and Electrical Company relative to space in subways on Second avenue.  
Statement of condition of appropriation.

## BILLS AND PAY-ROLLS AUDITED,

and ordered to be transmitted to the Finance Department for payment :

<i>Schedule No. 137 of 1892, on May 17.</i>	
New houses for engine and hook and ladder companies.....	\$10,030 65
<i>Schedule No. 43 of 1893, on May 17.</i>	
Apparatus, supplies, etc.....	\$2,702 00
<i>Schedule No. 44 of 1893, on May 17.</i>	
Apparatus, supplies, etc.....	\$599 25
Placing fire-alarm conductors underground.....	80 90
Salaries.....	1,326 13
Total.....	\$2,006 28

## COMMUNICATIONS, ETC.,

were received and disposed of as follows :

*Referred.*

Reports, from Chief of Department, of hotels and lodging-houses which have failed to comply with sections 454 and 454½, chapter 410, Laws of 1882. To the Attorney.  
Reports, from same, of hotels, lodging houses and boarding-houses which have complied with sections 454 and 454½, chapter 410, Laws of 1882. To the Attorney.  
Reports, from same, of hotels, lodging-houses, and boarding-houses which have closed. To the Attorney.  
Request from Memorial Committee G. A. R. that veterans be granted leave of absence on Memorial day. To the Chief of Department with power.

*Filed.*

Recommendations of Superintendent of Fire-alarm Telegraph that signals for stations above One Hundred and Thirty-eighth street be used as auxiliaries pending completion of contract. Ordered by the President. Action approved.  
Report from Foreman Engine 6, that Box No. 23 was broken on 11th instant.  
Report from Foreman in charge of Repair Shops, that James McCauley, appointed Machinists' Helper, did not report for duty. Appointment rescinded.  
Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, May 23, 1893. }

The Board of Commissioners met this day.  
Present—President John J. Scannell, in the chair, and Commissioners Anthony Eickhoff and H. W. Gray.

## COMMUNICATIONS, ETC.,

were received and disposed of as follows :

*Filed.*

Petition from Herman Hafker, contractor for building engine-house at No. 81 West One Hundred and Fifteenth street, for an extension of time on contract to 12th instant, recommended by N. Le Brun & Sons. Granted.  
Applications for advancement, transmitted by the Chief of Department with recommendations that advancement be made to take effect from 15th instant. Approved and ordered as follows :

*From Third to Second Grade.*

George J. Irving, Engine 4.	George J. Klein, Engine 31.
Hugh McShane, Engine 13.	John F. Stokes, Engine 33.
Henry Krantz, Engine 14.	John Walker, Hook and Ladder 6.
Patrick Gannon, Engine 17.	John P. Shaughnessy, Hook and Ladder 9.
William J. Schuster, Engine 18.	John J. Kerrigan, Hook and Ladder 9.
John J. Manley, Engine 27.	Anthony J. Frank, Hook and Ladder 10.
William McCoy, Engine 27.	William McNulty, Hook and Ladder 15.
James J. Sullivan, Engine 28.	Roger Morrison, Hook and Ladder 20.

Recommendations from Chief of Department, that Engineer of Steamer Peter E. Sheedee Engine 13, and Firemen of the First Grade John H. Watson, Engine 37, Robert K. Grace, Engine 53, and Timothy McDonald, Hook and Ladder 9, be examined by the medical officers as to their physical condition. Recommendation approved and ordered.  
Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, May 24, 1893. }

The Board of Commissioners met this day.  
Present—President John J. Scannell and Commissioner Anthony Eickhoff.

## OPENING OF PROPOSALS.

Affidavit as to due publication of advertisements for proposals was read and filed and approved forms of contract submitted.

*For Repairs, etc., to Building Nos. 155 and 157 Mercer Street.*

No. 1. Day & Somerville.....	\$15,950 00
No. 2. Mahoney Bros.....	21,540 00

Each with security deposit \$450.

No. 2 was filed and No. 1 was referred to the Comptroller for his action on the sureties.

*For Repairs, etc., to Clapp & Jones Engine, Registered No. 473.*

No. 1. The La France Fire Engine Company.....	\$1,800 00
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With security deposit, \$45.

*For Rebuilding Turntable, Hook and Ladder Truck, Registered No. 30.*

No. 1. The La France Fire Engine Company.....	\$1,250 00
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With security deposit, \$25.

*For Hose.*

No. 1. Gatta-percha and Rubber Manufacturing Company for 10,000 feet "Maltese Cross Hose".....	\$10,000 00
With security deposit, \$250.	

No. 1. Eureka Fire Hose Company for 5,000 feet "Eureka Hose".....	4,500 00
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With security deposit, \$115.

Which were referred to the Comptroller for his action on the sureties.

1. Cornelius Callahan Company, for 5,000 feet "Adriatic Hose".....	\$3,350 00
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With security deposit, \$85.

Which was laid over.

It was ordered that the security deposits be forwarded to the Comptroller.  
The Board took a recess until 11 o'clock A. M., and reconvened at that hour.  
Present—President John J. Scannell and Commissioner Anthony Eickhoff.

## TRIALS

upon charges preferred against members of the Department were held and disposed of as follows :  
Fireman 3d grade John F. McKernan, Hook and Ladder 15, for "absence without leave" and being "under the influence of liquor." Fined twenty days' pay and warned.  
Fireman 1st grade Patrick Connor, Engine 745, for being "under the influence of liquor." Sentence suspended.  
Fireman 1st grade Benjamin F. Morris, Engine 52, for "neglect of duty." Fined two days' pay.  
Fireman 1st grade Mathew Murphy, Engine 52, for "neglect of duty." Fined two days' pay.

## REQUISITIONS, ETC.,

were received and disposed of as follows :

*Expenditures Authorized.*

Paints and oils for fire-boat "Zophar Mills".....	\$22 50
Furniture.....	58 01
Furniture and bedding.....	62 20
Paints, oils, etc.....	612 89
Furniture, bedding, etc., for house of Engine 40.....	882 50
Calking at quarters of Engine 28.....	215 00
Carpenter work at quarters of Engine 1.....	119 00
Mason work at quarters of Engine 42.....	265 00
Plastering work at quarters of Engine 1.....	48 00
Plumbing at quarters of Engine 55.....	18 00
" " Hook and Ladder 10.....	22 00
" " " 8.....	265 00
" Headquarters.....	57 00
Repairs to wagon.....	66 35

*Referred.*

For one horse for Engine 28, estimated cost, \$300. To Chief of Battalion in charge of Hospital Stables to select.

*Filed.*

Weekly statement of condition of appropriation.  
Proposals of the La France Fire Engine Company for one Hayes extension ladder truck, American Fire Engine Company for two steam fire-engines and Standard Underground Cable Company for laying cables, returned by the Comptroller with approval of sureties.  
Report from Chief of Department, of condition of house of Engine 4, and recommending that new house be erected. Approved, and ordered that plans and specifications for new building be prepared.  
Plans and specifications, submitted by Assistant Superintendent of Repairs to Buildings, for repairs, etc., to house of Engine 26, with recommendations that proposals be advertised for. Approved and ordered.

## BILLS AND PAY-ROLLS AUDITED,

and ordered to be transmitted to the Finance Department for payment :

*Schedule No. 138 of 1892, on May 23.*

New houses for engine and hook and ladder companies.....	\$4,817 50
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*Schedule No. 45 of 1893 on May 24.*

Apparatus, supplies, etc.....	\$3,269 02
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*Schedule No. 46 of 1893, on May 24.*

Apparatus, supplies, etc.....	\$563 95
Placing fire-alarm conductors underground.....	121 20
Salaries.....	1,449 95

Total.....	\$2,135 10
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## CONTRACTS AWARDED.

The La France Fire Engine Company, for one Hayes truck.....	\$3,400 00
Standard Underground Cable Company, for laying cables.....	45,792 02
American Fire Engine Company, for two steam fire-engines.....	8,500 00

## COMMUNICATIONS, ETC.,

were received and disposed of, as follows :

*Referred.*

Report from the Attorney, recommending dismissal of complaint against Thomas McDonald for chimney fine. Approved. Back.

*Filed.*

Report from Chief of Department, of fire-alarm systems, etc., in use in Coleman House, Holland House, Windsor Hotel, United States Hotel, Hotel American, and International Hotel and recommending their approval. Approved.  
Recommendation from same, that a company (No. 58) be organized and equipped with engine, tender, etc., and located in new house, at No. 81 West One Hundred and Fifteenth street. Approved.

Report from Theatre Inspector, of slight fire caused by electric currents at Miner's Eighth Avenue Theatre on 15th instant.

Report from Fireman Richard Hyde, Engine 56, that the American Theatre, Eighth avenue, Forty-first and Forty-second streets, is without copy of rules and sample badges. To be furnished.

Communication from Empire City Subway Company, Limited, suggesting rearrangement of cables in duct on Spring street, transmitted by the Superintendent of Fire-alarm Telegraph with recommendations ordered by the Acting President. Action approved.

## RESIGNATION.

Edward McCrimslisk, Blacksmith, from 25th instant.

## RESOLUTIONS.

Resolved, That his Honor Mayor Thomas F. Gilroy be invited to present the Bennett and Stephenson medals for the years 1891 and 1892 on Saturday, June 17 next.

Resolved, That a detachment of the uniformed force, with apparatus, be paraded on the occasion of the presentation of the Bennett and Stephenson medals, and that the Commissioners of the Department of Parks be requested to permit the ceremonies to take place on Riverside Drive near Seventy-sixth street.

Resolved, That the Common Council be requested to authorize the expenditure of the sum of six hundred and sixty-five dollars (\$665), or so much thereof as may be necessary, for the erection of a stand and the employment of a band of music on the occasion of the presentation of the Bennett and Stephenson medals on June 17 next.

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, May 26, 1893. }

The Board of Commissioners met this day.

Present—President John J. Scannell, in the chair, and Commissioners Anthony Eickhoff and H. W. Gray.

## COMMUNICATIONS.

Report from Medical Officers of examinations, Engineer of Steamer Peter of the Sheedee, Engine 13, and Firemen of the 1st grade Robert K. Grace, Engine 53, John H. Watson, Engine 37, and Timothy McDonald, Hook and Ladder 9. Filed.

## RELIEVED FROM ACTIVE SERVICE AT FIRES.

Engineer of Steamer Peter E. Sheedee, Engine 13.

Fireman 1st grade Robert K. Grace, Engine 53.

" " John H. Watson, Engine 37.

" " Timothy McDonald, Hook and Ladder 9.

Adjourned.

CARL JUSSEN, Secretary.



HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, May 31, 1893.

The Board of Commissioners met this day.  
Present—President John J. Scannell and Commissioner Anthony Eickhoff.

## COMMUNICATION.

Report and recommendation from Chief of Department that Fireman 1st grade Michael Brady, Engine 51, be examined as to his physical condition. Ordered and filed.  
Adjourn.

CARL JUSSEN, Secretary.

## OFFICIAL DIRECTORY.

**STATEMENT OF THE HOURS DURING** which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, 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, 9 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.  
THOMAS F. GILROY, Mayor. WILLIS HOLLY, Secretary and Chief Clerk.

## Mayor's Marshal's Office.

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

## COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
CHARLES G. F. WAHLE and EDWARD OWEN.

## AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 4 P. M.  
JAMES C. DUANE, President; JOHN J. TUCKER, FRANCIS M. SCOTT, H. W. CANNON, and the MAYOR, COMPTROLLER and COMMISSIONER OF PUBLIC WORKS; *ex officio*, Commissioners; J. C. LULLY, Secretary; A. F. KELLY, Chief Engineer; E. A. WOLFF, Auditor.

## BOARD OF ARMORY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.  
Address EDWARD P. BARKEE, Stewart Building.  
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.  
GEORGE B. MCCLELLAN, President Board of Aldermen.  
MICHAEL F. BLAKE, Clerk Common Council.

## DEPARTMENT OF PUBLIC WORKS

No. 31 Chambers street, 9 A. M. to 4 P. M.  
MICHAEL J. DALY, Commissioner; MAURICE F. HOLAHAN, Deputy Commissioner (Room A).  
ROBERT H. CLIFFORD, Chief Clerk (Room 6).  
GEORGE W. BIRDSALL, Chief Engineer (Room 9); JOSEPH RILEY, Water Register (Rooms 2, 3 and 4); WM. M. DEAN, Superintendent of Street Improvements (Room 5); HORACE LOOMIS, Engineer in Charge of Sewers (Room 9); WILLIAM G. BERGEN, Superintendent of Repairs and Supplies (Room 13); MAURICE FEATHERSON, Water Purveyor (Room 1); STEPHEN MCCORMICK, Superintendent of Lamps and Gas (Room 11); JOHN L. FLORENCE, Superintendent of Streets and Roads (Room 12); MICHAEL F. CUMMINGS, Superintendent of Incumbances (Room 16); NICHOLAS R. O'CONNOR, Superintendent of Street Openings (Room 14).

DEPARTMENT OF STREET IMPROVEMENTS  
TWENTY-THIRD AND TWENTY-FOURTH WARDS.

No. 2622 Third avenue, northeast corner of One Hundred and Forty-first street. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.  
LOUIS F. HAFEN, Commissioner; JACOB SEABOLD, Deputy Commissioner; JOSEPH P. HENNESSY, Secretary.

## DEPARTMENT OF BUILDINGS.

No. 220 Fourth avenue, corner of Eighteenth street.  
A. M. to 4 P. M.  
THOMAS J. BRADY, Superintendent.

## 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; D. LOWBER SMITH, Assistant 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.  
JOHN F. GOULDSBURY, 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.  
OSBORNE MACDANIEL, 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.  
JOHN A. SULLIVAN, Collector of the City Revenue and Superintendent of Markets.  
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.  
DAVID E. AUSTIN, Receiver of Taxes; JOHN J. McDONOUGH, 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.  
JOSEPH J. O'DONOHUE, 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 Zetting Building, third and fourth floors, A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.  
WILLIAM H. CLARK, 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.  
WILLIAM M. HOES, Public Administrator.

## Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.  
LOUIS HANNEMAN, Corporation Attorney.

## Office of Attorney for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.  
JOHN G. H. MEYERS, Attorney.  
MICHAEL J. DOUGHERTY, Clerk.

## POLICE DEPARTMENT

## Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.  
JAMES J. MARTIN, President; CHARLES F. MACLEAN, JOHN MCCLAVE and JOHN C. SHEEHAN, Commissioners; WILLIAM H. KIFF, Chief Clerk; T. F. RODENBOUGH, Chief of Bureau of Elections.

## DEPARTMENT OF CHARITIES AND CORRECTION.

## Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.  
HENRY H. PORTER, President; CHAS. E. SIMMONS, M. D., and EDWARD C. SHEEHY, Commissioners; GEORGE F. BRITTON, Secretary.  
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.  
Plans and Specifications, 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. 147 and 159 East Sixty-seventh street.  
JOHN J. SCANNELL, President; ANTHONY EICKHOFF and HENRY WINTHROP GRAY, Commissioners; CARL JUSSEN, Secretary.  
HUGH BONNER, Chief of Department; PETER SEERY, Inspector of Combustibles; JAMES MITCHELL, Fire Marshal; WM. L. FINDLEY, Attorney to Department; J. ELLIOT SMITH, Superintendent of Fire Alarm Telegraph.  
Central Office open at all hours.

## HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M.  
CHARLES G. WILSON, President, and CYRUS EDSON, M. D., the PRESIDENT OF THE POLICE BOARD, *ex officio* and the HEALTH OFFICER OF THE PORT, *ex officio*. Commissioners; 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.  
ABRAHAM B. TAPPEN, President; PAUL DANA, NATHAN STRAUS and GEORGE C. CLAUSEN, Commissioners; CHARLES DE F. BYRNS, Secretary.

CIVIL SERVICE SUPERVISORY  
AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARDS,  
Room 30, City Union,  
NEW YORK, June 14, 1893.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** open competitive examinations for the positions below mentioned will be held at this office upon the dates specified:

June 29. TRANSMITMAN.  
June 30. DEPUTY WARDEN, City Prison.  
July 5. KEEPER, in Department of Charities and Correction.  
July 5. PHYSICIAN, at City Prison.  
July 6. STEAM ROLLER ENGINEERMAN.  
LEE PHILLIPS,  
Secretary and Executive Officer.

## FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,  
Nos. 157 and 159 East Sixty-seventh street,  
NEW YORK, June 27, 1893.

**NOTICE IS HEREBY GIVEN THAT THE** articles specified below will be offered for sale at public auction by Messrs. Van Tassel & Kearney, Auctioneers, on Friday, the 7th proximo, as follows:

At No. 209 East One Hundred and Twenty-second Street, at 10 o'clock, A. M.  
Lot No. 1. One U Tank, Second Size Steam Fire-engine (Amoskeag Manufacturing Co.), registered No. 147.  
Lot No. 2. One Straight Frame Second Size Steam Fire-engine (Amoskeag Manufacturing Co.), registered No. 301.  
Lot No. 3. One Crane Neck, First Size Steam Fire-engine (Amoskeag Manufacturing Co.), registered No. 494.  
Each of the lots will be sold separately.  
The right to reject all bids received is reserved.  
The highest bidder for each lot, in case the bid is accepted, will be required to pay for the same in cash at the time of sale.  
All of the articles sold must be removed within five days after the day of sale.  
The articles may be seen before the day of sale at any time at the places above specified.

JOHN J. SCANNELL,  
ANTHONY EICKHOFF,  
H. W. GRAY,  
Fire Commissioners.

NEW MUNICIPAL BUILDING  
COMMISSION.PLANS FOR A MUNICIPAL BUILDING  
IN THE CITY OF NEW YORK.

## NOTICE TO ARCHITECTS.

**IN ACCORDANCE WITH THE PROVISIONS** of chapter 299 of the Laws of 1890, entitled "An act to amend chapter 323 of the Laws of 1888, entitled 'An act to provide for the erection of a building for certain purposes relating to the public interests in the City of New York,' and chapter 414 of the Laws of 1892, amending the same, the Board of Commissioners hereby constituted will, until 12 o'clock on the first day of September, 1893, receive plans and specifications for a New Municipal Building, provided for in said statutes, to be erected in the City Hall Park.

In the examination and judgment of the designs the Board of Commissioners will be assisted by a committee to be selected by the said Board from a list nominated by the New York Chapter of the American Institute of

Architects and the Architectural League of New York. This committee will consist of three competent architects who do not take part in the competition.

Five equal premiums, of two thousand dollars each, shall be awarded to the authors of the designs adjudged by the Board of Commissioners to be the second, third, fourth, fifth and sixth, best, of those submitted, and the author of the designs adjudged to be the first best by the said Board of Commissioners will be appointed Architect for the construction of the building, provided his professional standing is such as to guarantee a proper discharge of his duties. He will be paid a commission on the total cost of the work, namely, five per cent, on the first \$1,000,000 of the cost, four per cent, on the second \$1,000,000 and three per cent, on the remainder.

Each set of drawings is to be accompanied by a brief specification of the materials proposed to be employed, and of the mode of construction and of heating and ventilation to be adopted, and of the manner of lighting.

An approximate estimate of the cost of the building is also to be submitted.

No plans or papers submitted are to have upon them any mark by which they can be known, but there shall be sent with them a sealed letter, addressed in typewriting, to the Mayor, giving the author's name and address. This letter will not be opened until the awards shall have been made. The drawings and papers will be known by numbers corresponding with numbers given to the letters.

The conditions under which this competition is to be conducted and the requirements of the Board are described in a paper entitled "Instructions to Architects" which may be obtained, on application, at the Comptroller's office, 280 Broadway.  
New York, March 29, 1893.

THOMAS F. GILROY, Mayor,  
FREDERICK SMYTH, Recorder,  
THEODORE W. MYERS, Comptroller,  
THOMAS C. T. CRAIN, Chamberlain,  
NICHOLAS T. BROWN, Chairman, Committee on Finance, Board of Aldermen,  
HENRY D. PURROY, County Clerk,  
FERDINAND LEVY, Register,  
FRANK T. FITZGERALD, Surrogate,  
Board of Commissioners for New Municipal Building.

BOARD OF STREET OPENING  
AND IMPROVEMENT.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Street Opening and Improvement of the City of New York, deeming it for the public interest so to do, propose to alter the map or plan of the City of New York, by laying out and opening a new street, to be known as One Hundred and Thirty-fifth street, from Amsterdam avenue to the Boulevard, in the Twelfth Ward of the City of New York, more particularly bounded and described as follows:

Beginning at a point in the easterly line of the Boulevard, distant 219 feet 10 inches northerly from the northerly line of One Hundred and Thirty-fourth street; thence easterly and parallel with said street, distance 775 feet, to the westerly line of Amsterdam avenue; thence northerly along said avenue, distance 60 feet; thence westerly, distance 775 feet, to the easterly line of the Boulevard; thence southerly along said line, distance 60 feet, to the point or place of beginning.

Said street to be 60 feet wide between the lines of Amsterdam avenue and the Boulevard.

And that such proposed action of the said Board of Street Opening and Improvement has been duly laid before the Board of Aldermen.

Dated New York, June 21, 1893.

V. B. LIVINGSTON,

Secretary.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Street Opening and Improvement, in pursuance of chapter 714 of the Laws of 1893, will, at a meeting of said Board, to be held on the 7th day of July, 1893, at eleven o'clock A. M., consider and determine upon such proof as may be adduced before it, whether Lowell street, from Third avenue to Rider avenue, formerly East One Hundred and Forty-first street, a street in the Twenty-third Ward, the title to which has not as yet been acquired by the Mayor, Aldermen and Commonalty of the City of New York, is now and has been used for public traffic and travel since January first, eighteen hundred and seventy-four, and is so used for a width sufficient to permit of the construction of a sewer therein.

Dated New York, June 24, 1893.

V. B. LIVINGSTON,

Secretary.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Street Opening and Improvement, in pursuance of chapter 714 of the Laws of 1893, will, at a meeting of said Board, to be held on the 7th day of July, 1893, at 11 o'clock A. M., consider and determine upon such proof as may be adduced before it, whether Robbins avenue, from the junction of Westchester avenue and Kelly street to St. Joseph's street, formerly Grove street, a street in the Twenty-third Ward, the title to which has not as yet been acquired by the Mayor, Aldermen and Commonalty of the City of New York, is now and has been used for public traffic and travel since January first, eighteen hundred and seventy-four, and is so used for a width sufficient to permit of the construction of a sewer therein.

Dated New York, June 24, 1893.

V. B. LIVINGSTON,

Secretary.

## CORPORATION NOTICE.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improving 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 4060, No. 1. Paving, with trap-block pavement, the roadway of Boston avenue, from One Hundred and Sixty-seventh street to Jefferson street, laying additional crosswalks and readjusting the curbs and sidewalks.

List 4084, No. 2. Alteration and improvement to sewers in Second avenue, between Seventy-first and Seventy-second streets, and in Seventy-first street, between Second and Third avenues.

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

No. 1. Both sides of Boston avenue, from a point distant about 200 feet southerly from One Hundred and Sixty-seventh street to Jefferson street, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of Second avenue, from Sixty-eighth to Seventy-second street; also blocks bounded by Sixty-eighth and Seventy-first streets, Second and Third avenues; also south side of Sixty-eighth street and north side of Seventy-first 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 25th day of July, 1893.

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

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, June 24, 1893.

DEPARTMENT OF STREET  
CLEANING.

DEPARTMENT OF STREET CLEANING,  
CITY OF NEW YORK—STEWART BUILDING,  
NEW YORK, May 17, 1893.

TO THE OWNERS OF LICENSED TRUCKS OR OTHER LICENSED VEHICLES RESIDING IN THE CITY OF NEW YORK.

**PUBLIC NOTICE IS HEREBY GIVEN THAT,** pursuant to the provisions of chapter 269 of the Laws of 1892 (known as the Street Cleaning Law), the Commissioner of Street Cleaning will remove or cause to be removed all unharnessed trucks, carts, wagons and vehicles of any description found in any public street or place between the hours of seven o'clock in the morning and six o'clock in the evening on any day of the week except Sundays and legal holidays, and also all unharnessed trucks, carts, wagons and vehicles of any description found upon any public street or place between the hours of six o'clock in the evening and seven o'clock in the morning, or on Sundays and legal holidays, unless the owner of such truck, cart, wagon or other vehicle shall have obtained from the Mayor a permit for the occupancy of that portion of such street or place on which it shall be found, and shall have given notice of the issue of said permit to the Commissioner of Street Cleaning.

The necessary permits can be obtained, free of charge, by applying to the Mayor's Marshal at his office in the City Hall.

Dated New York, May 17, 1893.  
THOMAS S. BRENNAN,  
Commissioner of Street Cleaning,  
New York City.

## 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, in the Stewart Building.

THOMAS S. BRENNAN  
Commissioner of Street Cleaning.

## DEPARTMENT OF DOCKS.

(Work of Construction under New Plan.)

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

## TO CONTRACTORS.

(No. 451.)

## PROPOSALS FOR ESTIMATES.

**FOR PREPARING FOR AND PAVING THE** NEWLY-MADE LAND FOR A WIDTH OF 50 FEET, EXTENDING FROM THE SOUTHERLY CROSSWALK OF THE PAVED APPROACH TO PIER, NEW 54, NORTH RIVER, TO THE PRESENT PAVED AREA AT THE FOOT OF WEST TWENTY-FIFTH STREET, WITH GRANITE OR STATION ISLAND SYENITE BLOCKS; LAYING CROSSWALKS AND BUILDING THE NECESSARY DRAINS OR SEWERS.

**ESTIMATES FOR PREPARING FOR AND** paving the newly-made land for a width of 50 feet, extending from the southerly crosswalk of the paved approach to Pier, new 54, North river, to the present paved area at the foot of West Twenty-fifth street, with granite or Station Island syenite blocks, laying crosswalks and building the necessary drains or sewers, 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 11 o'clock A. M. of

THURSDAY, JULY 6, 1893.

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 quantities and extent of the work is as follows:

Earth, etc., to be excavated and removed, about.....	745 cubic yards.
Old Flagging to be taken up, about.....	325 square feet.
Old Curb to be taken up, about.....	51 linear feet.
Old Paving and Crosswalks to be taken up, about.....	195 square yards.
Gravel for joints, about.....	80 cubic yards.
Paving to be furnished and laid, about.....	1,184 square yards.
Crosswalks to be furnished and laid, about.....	204 square feet.
Paving Cement, about.....	5,431 gallons.
Blue-stone Curbing to be furnished and laid, about.....	180 linear feet.
Local sand to be furnished and laid, about.....	90 cubic yards.
Yellow Pine Timber for edging, about.....	1,683 feet, B. M.
Dock-spikes, about.....	122 pounds.
Cast-iron Pipe, heavy, 24 inches in diameter, about.....	75 linear feet.
Vitrified Salt-glazed Sewer-pipe, 18 inches in diameter, about.....	234 "
Manholes, complete.....	3
Silt basins, complete.....	2

**NOTE.**—The pavement will be laid upon a concrete bed, the materials and labor for mixing and laying which will be furnished by the Department of Docks.

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

1st. Bidders must satisfy themselves, by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not at any time after the submission of an estimate dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work 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 the work before mentioned, which shall be actually performed, at the price therefor to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the receipt of a notification from the Engineer-in-Chief that the work may be begun, and all the work to be done under the contract is to be fully completed on or before the 1st day of September, 1893, and the damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the



contract, determined, fixed and liquidated at Fifty Dollars per day.

All the old material to be removed under this contract, except such portions as are to be delivered to the Department of Docks, in accordance with the specifications, 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 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, 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 of the work, 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 this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without collusion or fraud; and also that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, 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 work to be done by which the bids are tested. The consent above-mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered 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 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 a 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.

J. SERGEANT CRAM,  
JAMES J. PHELAN,  
ANDREW J. WHITE,  
Commissioners of the Department of Docks.  
Dated New York, June 21, 1893.

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

TO CONTRACTORS.

(No. 453.)

PROPOSALS FOR ESTIMATES FOR PREPARING FOR AND BUILDING AN IRON AWNING SHED, WITH APPURTENANCES, ON THE PIER AT THE FOOT OF EAST THIRTY-THIRD STREET, EAST RIVER.

ESTIMATES FOR PREPARING FOR AND BUILDING AN IRON AWNING SHED, WITH APPURTENANCES, on the Pier at the foot of East Thirty-third street, 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 11 o'clock A. M. of

THURSDAY, JULY 6, 1893.

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 nature, quantities and extent of the work is as follows:

1. Structural Iron or Steel, about.....	29,000 pounds.
2. Screw-bolts, Carriage-bolts, Stove-bolts, etc., about.....	114 "
3. Dock-spikes and Nails, about.....	218 "
4. Wood Screws, about.....	50 "
5. No. 24 Galvanized-iron Cornice and Wrought-iron Pendant, about.....	194 feet.
6. Tin-roofing, to cover about.....	2,154 square feet.
7. No. 24 Galvanized Sheet-iron 4-inch Spiral-ribbed Seam Leaders, about.....	74 feet.
8. Tar Roofing Paper, about.....	2,154 square feet.
9. Spruce Boards and Scantling, about.....	3,944 feet, B. M.
10. Yellow Pine Timber, about.....	785 "
11. Cast-iron Cresting and Finials, about.....	62 feet.
12. Cast-iron Wheel Guards and Patterns, about.....	4,848 pounds.
13. Wire Sign.	
14. Painting.	
15. Awning and Appurtenances, about.....	94 square feet.
16. Labor of every description.	

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

1st. Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work 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 the work before mentioned, which shall be actually performed, at the price therefore, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days from the date of execution of the contract, and all the work contracted for is to be fully completed on or before the 15th day of October, 1893, 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 for the whole of the work to be done, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay from any cause in the performing of the work thereunder. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole of the work 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 the whole 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 readvertised and relet and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without collusion or fraud; and also that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, 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 work to be done by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered 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 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.

J. SERGEANT CRAM,  
JAMES J. PHELAN,  
ANDREW J. WHITE,  
Commissioners of the Department of Docks.  
Dated New York, June 21, 1893.

(Work of Construction under New Plan.)

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

TO CONTRACTORS.

(No. 454.)

PROPOSALS FOR ESTIMATES FOR REMOVING THE EXISTING PIER AND FOR PREPARING FOR AND BUILDING A NEW WOODEN PIER, WITH APPURTENANCES, AT THE FOOT OF WEST FIFTEENTH STREET, NORTH RIVER.

ESTIMATES FOR REMOVING THE EXISTING pier and for preparing for and building a New Wooden Pier, with appurtenances, at the foot of West Fifteenth street, North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11 o'clock A. M. of

THURSDAY, JULY 6, 1893.

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 Ten Thousand Dollars.

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

	Feet, B. M., measured in the work.
<b>NEW PIER.</b>	
1. Yellow Pine Timber, 12" x 14".....	18,842
" " " 12" x 12".....	101,739
" " " 11" x 12".....	2,821
" " " 10" x 12".....	807
" " " 10" x 10".....	3,970
" " " 8" x 10".....	900
" " " 8" x 16".....	576
" " " 8" x 13".....	1,195
" " " 8" x 12".....	1,366
" " " 8" x 10".....	90
" " " 8" x 8".....	5,104
" " " 7" x 14".....	506
" " " 7" x 12".....	2,916
" " " 7" x 9".....	117
" " " 6" x 12".....	5,256
" " " 5" x 12".....	10,724
" " " 5" x 11".....	1,996
" " " 5" x 11".....	4,405
" " " 5" x 10".....	16,131
" " " 4" x 10".....	61,042
" " " 2" x 4".....	4,000
<b>Total.....</b>	<b>244,503</b>

	Feet, B. M., measured in the work.
2. Spruce Timber, 4" x 12".....	1,720
" " " 4" x 10".....	66,943
" " " 4" x 5".....	100
<b>Total.....</b>	<b>68,763</b>

	Feet, B. M., measured in the work.
3. White Oak Timber, 8" x 12".....	4,480

NOTE.—The above quantities of timber in items 1, 2 and 3 are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

4. White Pine, Yellow Pine, Norway Pine, or Cypress Piles for Pier..... 436  
(It is expected that these piles will have to be from about 75 feet in length to about 85 feet in length, to average about 80 feet in length, to meet the requirements of the specifications for driving.)

5. White Oak Fender-piles, about 60 feet long..... 14  
6. 3/4" x 26", 3/4" x 22", 3/4" x 16", 3/4" x 14", 3/4" x 12", 3/4" x 10", 3/4" x 8", 3/4" x 6", 3/4" x 4", 3/4" x 3", 3/4" x 2", 3/4" x 1", 3/4" x 1/2", 3/4" x 1/4", 3/4" x 1/8", 3/4" x 1/16", 3/4" x 1/32", 3/4" x 1/64", 3/4" x 1/128", 3/4" x 1/256", 3/4" x 1/512", 3/4" x 1/1024", 3/4" x 1/2048", 3/4" x 1/4096", 3/4" x 1/8192", 3/4" x 1/16384", 3/4" x 1/32768", 3/4" x 1/65536", 3/4" x 1/131072", 3/4" x 1/262144", 3/4" x 1/524288", 3/4" x 1/1048576", 3/4" x 1/2097152", 3/4" x 1/4194304", 3/4" x 1/8388608", 3/4" x 1/16777216", 3/4" x 1/33554432", 3/4" x 1/67108864", 3/4" x 1/134217728", 3/4" x 1/268435456", 3/4" x 1/536870912", 3/4" x 1/1073741824", 3/4" x 1/2147483648", 3/4" x 1/4294967296", 3/4" x 1/8589934592", 3/4" x 1/17179869184", 3/4" x 1/34359738368", 3/4" x 1/68719476736", 3/4" x 1/137438953472", 3/4" x 1/274877906944", 3/4" x 1/549755813888", 3/4" x 1/1099511627776", 3/4" x 1/2199023255552", 3/4" x 1/4398046511104", 3/4" x 1/8796093022208", 3/4" x 1/17592186044416", 3/4" x 1/35184372088832", 3/4" x 1/70368744177664", 3/4" x 1/140737488355328", 3/4" x 1/281474976710656", 3/4" x 1/562949953421312", 3/4" x 1/1125899906842624", 3/4" x 1/2251799813685248", 3/4" x 1/4503599627370496", 3/4" x 1/9007199254740992", 3/4" x 1/18014398509481984", 3/4" x 1/36028797018963968", 3/4" x 1/72057594037927936", 3/4" x 1/144115188075855872", 3/4" x 1/288230376151711744", 3/4" x 1/576460752303423488", 3/4" x 1/1152921504606846976", 3/4" x 1/2305843009213693952", 3/4" x 1/4611686018427387904", 3/4" x 1/9223372036854775808", 3/4" x 1/18446744073709551616", 3/4" x 1/36893488147419103232", 3/4" x 1/73786976294838206464", 3/4" x 1/147573952589676412928", 3/4" x 1/295147905179352825856", 3/4" x 1/590295810358705651712", 3/4" x 1/1180591620717411303424", 3/4" x 1/2361183241434822606848", 3/4" x 1/4722366482869645213696", 3/4" x 1/9444732965739290427392", 3/4" x 1/18889465931478580854784", 3/4" x 1/37778931862957161709568", 3/4" x 1/75557863725914323419136", 3/4" x 1/151115727451828646838272", 3/4" x 1/302231454903657293676544", 3/4" x 1/604462909807314587353088", 3/4" x 1/1208925819614629174706176", 3/4" x 1/2417851639229258349412352", 3/4" x 1/4835703278458516698824704", 3/4" x 1/9671406556917033397649408", 3/4" x 1/19342813113834066795298816", 3/4" x 1/38685626227668133590597632", 3/4" x 1/77371252455336267181195264", 3/4" x 1/154742504910672534362390528", 3/4" x 1/309485009821345068724781056", 3/4" x 1/618970019642690137449562112", 3/4" x 1/1237940039285380274899124224", 3/4" x 1/2475880078570760549798248448", 3/4" x 1/4951760157141521099596496896", 3/4" x 1/9903520314283042199192993792", 3/4" x 1/19807040628566084398385987584", 3/4" x 1/39614081257132168796771975168", 3/4" x 1/79228162514264337593543950336", 3/4" x 1/158456325028528675187087900672", 3/4" x 1/316912650057057350374175801344", 3/4" x 1/633825300114114700748351602688", 3/4" x 1/1267650600228229401496703205376", 3/4" x 1/2535301200456458802993406410752", 3/4" x 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# PROPOSALS FOR \$263,999.57 CONSOLIDATED STOCK OF THE CITY OF NEW YORK, KNOWN AS SCHOOL-HOUSE BONDS.

## EXEMPT FROM TAXATION.

EXECUTORS, ADMINISTRATORS, GUARDIANS AND OTHERS HOLDING TRUST FUNDS ARE AUTHORIZED BY LAW TO INVEST IN THESE BONDS.

## INTEREST THREE PER CENT. PER ANNUM.

SEALED PROPOSALS WILL BE RECEIVED BY the Comptroller of the City of New York, at his office, until Thursday, the 29th day of June, 1893, at 2 o'clock P. M., when they will be publicly opened in the presence of the Commissioners of the Sinking Fund, or such of them as shall attend, as provided by law, for the whole or a part of an issue of \$263,999.57 registered.

## CONSOLIDATED STOCK

of the City of New York, and known as "School-house Bonds," the principal payable in lawful money of the United States of America, at the Comptroller's office of said city, on the first day of November, in the year 1911, with interest at the rate of three per centum per annum, payable semi-annually on the first day of May and November in each year.

The said stock is issued in pursuance of the provisions of section 132 of the New York City Consolidation Act of 1882, and chapter 264 of the Laws of 1891, for the purchase of new school sites, for the erection of new school buildings, and other school purposes, and is

## EXEMPT FROM TAXATION

by the City and County of New York, but not from State taxation, pursuant to the provisions of section 137 of the New York City Consolidation Act of 1882, and under an ordinance of the Common Council of said city, approved by the Mayor, October 2, 1880, and a resolution of the Commissioners of the Sinking Fund, adopted May 23, 1893, and as authorized by resolutions of the Board of Estimate and Apportionment and the Board of Education.

## AUTHORITY FOR TRUST INVESTMENTS.

Attention is called to the provisions of an act passed by the Legislature March 14, 1889, authorizing executors, administrators, guardians and trustees, and others holding trust funds to invest such funds in the stocks or bonds of the City of New York.

## 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 provided also, "that no proposals for bonds or stocks shall be accepted for less than the par value of the same."

Those persons whose bids are accepted will be required to deposit with the City Chamberlain the amount of stock awarded to them at its par value, together with the premium thereon, within three days after notice of such acceptance.

The proposals should be enclosed in a sealed envelope, indorsed "School-house Bonds" of the Corporation of the City of New York, 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, June 17, 1893.

## ASSESSMENT NOTICES.

ASSESSMENTS FOR STREET IMPROVEMENTS CONFIRMED BY THE BOARD OF REVISION AND CORRECTION OF ASSESSMENTS, MAY 26, 1893.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to owners of property and all persons affected by the following assessments, viz:

## THIRD WARD.

BARCLAY STREET—PAVING, from Greenwich to West street, with granite blocks and laying crosswalks, so far as the same is within the limits of grants of land under water.

DEV STREET—PAVING, from Greenwich to West street, with granite blocks (so far as the same is within the limits of grants of land under water).

## NINTH WARD.

ALTERATION AND IMPROVEMENT TO SEWERS AT LITTLE WEST TWELFTH STREET AND THIRTEENTH AVENUE, and in BLOOMFIELD STREET, between THIRTEENTH AVENUE and WEST STREET, NEW SEWER IN THIRTEENTH AVENUE, between LITTLE WEST TWELFTH and BLOOMFIELD STREETS, and outlet through pier at foot of LITTLE WEST TWELFTH STREET, NORTH RIVER.

Assessment on property, Thirteenth avenue, from Bloomfield to Fourteenth street; Tenth avenue, west side, from Bloomfield to Fourteenth street; Bloomfield street, from West street to Thirteenth avenue, and Twelfth and Thirteenth streets, between Tenth and Thirteenth avenues.

## ELEVENTH WARD.

NINTH STREET—PAVING, from Avenue D to the East river, with granite blocks (so far as the same is within the limits of grants of land under water).

## TWELFTH WARD.

AMSTERDAM AVENUE—PAVING, from One Hundred and Thirtieth to One Hundred and Fortieth street, with granite blocks. Assessment on property, west half of Blocks 1057 to 1067, east half of Blocks 1172 to 1182.

AMSTERDAM AVENUE—RECEIVING-BASINS, west side, 365 feet north of One Hundred and Seventy-eighth street. Assessment on Block 2192.

BRADHURST AVENUE—PAVING, from One Hundred and Forty-second to One Hundred and Forty-fifth street, with granite blocks, and laying crosswalks. Assessment on Blocks 954, 955 and 956.

COLUMBUS AVENUE—SEWER, between One Hundred and Fourth and One Hundred and Fifth streets. Assessment on blocks 916 and 917.

KINGSBRIDGE ROAD—CROSSWALKS at the northerly and southerly sides of One Hundred and Seventy-fifth street, Fort Washington Depot road and One Hundred and Eighty-first street, and across Amsterdam avenue at the northerly and southerly sides of One Hundred and Seventy-fifth street. Assessment on Blocks 2145, 2152, 2163, 2164 and Farms Nos. 12, 13, 14A, 21, 22, 32, 33, 36, 38 and 60G.

MADISON AVENUE—PAVING, from One Hundred and Fourth and One Hundred and Fifth streets. Assessment on the southwest corner of One Hundred and Fifth street and Madison avenue.

ST. NICHOLAS AVENUE—CROSSWALKS at the north side of One Hundred and Twenty-third street and the north and south sides of One Hundred and Twenty-second, One Hundred and Twenty-fourth, One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets. Assessment on Blocks 933, 935, 937, 938 and 939.

EIGHTH AVENUE—FLAGGING and REFLAGGING, CURBING and RECURBING, both sides, from One Hundred and Forty-eighth to One Hundred and Fifty-fourth street.

Assessment on west sides of Blocks 849 to 854 and east sides of Blocks 956 to 965.

EIGHTY-EIGHTH STREET—SEWER, between Avenue A and the summit east.

Assessment on north half Block 50 and south half Block 51.

FENCING vacant lots on block 119, bounded by Ninety-second and Ninety-third streets, First avenue and Avenue A.

NINETY-EIGHTH STREET—PAVING, from First to Second avenue, with granite blocks and laying crosswalks. Assessment on north half of Block 213 and south half of Block 214.

ONE HUNDREDTH STREET—SEWER, between Third and Park avenues, connecting with present sewer in Third avenue (west side), north of One Hundredth street. Assessment on Blocks 390 and 391.

ONE HUNDRED AND EIGHTH STREET—SEWER, between Manhattan avenue and Central Park, West. Assessment on Blocks 919 and 920.

ONE HUNDRED AND EIGHTH STREET—SEWER, between Boulevard and Amsterdam avenue. Assessments on Blocks 1140 and 1150.

ONE HUNDRED AND NINTH STREET—SEWER, between Manhattan avenue and Central Park, West. Assessment on Block 920 and south half Block 921.

ONE HUNDRED AND FIFTEENTH STREET—PAVING, from Avenue A to the Harlem river, with granite blocks and laying crosswalks. Assessment on north half of Block 57 and south half Block 58.

ONE HUNDRED AND EIGHTEENTH STREET—PAVING, from Seventh to Eighth avenue, with asphalt. Assessment on north half Block 818 and south half Block 819.

ONE HUNDRED AND TWENTY-SECOND STREET—SEWER, between Boulevard and Claremont avenue, and in Claremont avenue, between One Hundred and Nineteenth and One Hundred and Twenty-second streets. Assessment on Blocks 1275 to 1279.

ONE HUNDRED AND TWENTY-SECOND STREET—PAVING, from Eighth to Manhattan avenue with asphalt. Assessment on north half Block 933 and south half Block 934.

ONE HUNDRED AND TWENTY-SEVENTH STREET—RECEIVING-BASIN, alteration and improvement on the southwest corner of the Boulevard. Assessment on Blocks 1282 and 1283.

ONE HUNDRED AND TWENTY-SEVENTH STREET—REGULATING, GRADING, CURBING and FLAGGING, from St. Nicholas avenue to Lawrence street. Assessment on north half Blocks 938 and 1053, south half Blocks 939 and 1054.

ONE HUNDRED AND TWENTY-SEVENTH STREET—REGULATING, GRADING, CURBING and FLAGGING, from Boulevard to Manhattan street. Assessment on Blocks 1168 and 1169.

ONE HUNDRED AND THIRTY-SECOND STREET—REGULATING, GRADING, CURBING and FLAGGING, from Boulevard to Twelfth avenue. Assessment on north half Block 1288 and south half Block 1289.

ONE HUNDRED AND THIRTY-THIRD STREET—PAVING, from Broadway to Amsterdam avenue, with granite blocks. Assessment on north half Block 1174 and south half Block 1175 and east half of Blocks 1176 and 1177.

ONE HUNDRED AND THIRTY-NINTH STREET—SEWER, between Hamilton place and Amsterdam avenue. Assessment on north half Block 1180 and south half Block 1181.

ONE HUNDRED AND FORTY-SECOND STREET—PAVING, from Eighth avenue to Bradhurst avenue, with granite blocks. Assessment on north half Block 953 and south half Block 954.

ONE HUNDRED AND FORTY-THIRD STREET—PAVING, from Eighth to Bradhurst avenue, with granite blocks. Assessment on north half Block 954 and south half Block 955.

ONE HUNDRED AND FORTY-THIRD STREET—PAVING, from Amsterdam avenue to the Boulevard, with granite blocks, and laying crosswalks. Assessment on north half Block 1184 and south half Block 1185.

ONE HUNDRED AND FORTY-FOURTH STREET—SEWER, between Boulevard and Amsterdam avenue. Assessment on Blocks 1185 and 1186.

ONE HUNDRED AND FORTY-SEVENTH STREET—SEWER, between Hudson river and Boulevard. Assessment on Blocks 1303, 1303½, 1304 and 1304½.

ONE HUNDRED AND FORTY-SEVENTH STREET—REGULATING, GRADING, CURBING and FLAGGING, from the Boulevard to a point 500 feet west of Boulevard. Assessment on north half Block 1303 and south half Block 1304.

ONE HUNDRED AND FORTY-EIGHTH STREET—SEWER, between Boulevard and Amsterdam avenue, and in Amsterdam avenue, west side, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets. Assessment on Blocks 1180 and 1190.

ONE HUNDRED AND FORTY-NINTH STREET—REGULATING, GRADING, CURBING and FLAGGING, from Boulevard to Twelfth avenue. Assessment on north half Block 1305 and south half Block 1306.

ONE HUNDRED AND FORTY-NINTH STREET—SEWER, between Boulevard and Amsterdam avenue, and in Amsterdam avenue, west side, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets. Assessment on Blocks 1190 and 1191.

## NINETEENTH WARD.

FIRST AVENUE—SEWER, between Forty-second and Forty-third streets, connecting with present sewer in Forty-third street, east of First avenue. Assessment on west side of Block 69 and east side of Block 158.

SIXTY-EIGHTH STREET—SEWER, between avenue A and East river. Assessment on north half Block 30 and south half Block 31.

EIGHTY-FIRST STREET—RECEIVING-BASIN, on the northwest corner of Lexington avenue. Assessment on Block 372.

## TWENTIETH WARD.

TENTH AVENUE—FLAGGING and CURBING, west side, from Thirtieth to Thirty-first street. TENTH AVENUE—CROSSWALKS at the south side of Thirtieth street.

TWENTY-NINTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, north side, from Ninth to Tenth avenue. THIRTIETH STREET—CROSSWALKS at the westerly side of Tenth avenue.

Assessment on both sides of Thirtieth street, extending half block west from Tenth avenue. THIRTY-FIFTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, north side, from Eleventh avenue to Hudson river.

## TWENTY-SECOND WARD.

COLUMBUS AVENUE—FLAGGING and REFLAGGING, CURBING and RECURBING, both sides, from Sixty-fifth to Seventieth street. Assessment on west side of Blocks 112, 113, 114, and east side of Blocks 155 and 158.

SEVENTY-SEVENTH STREET—FENCING the vacant lots, south side, commencing about 318 feet east of Amsterdam avenue, Block 165.

EIGHTY-THIRD STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, north side, from Amsterdam avenue to the Boulevard. Assessment on Block 218.

## TWENTY-THIRD WARD.

BRISTOW STREET—CROSSWALKS, from Boston to Stebbins avenue. Assessment on Blocks 419, 420, 430 and 440.

JENNINGS STREET—CROSSWALKS, from Union to Stebbins avenue. Assessment on Blocks 419, 420, 433, 435, 438, 439 and 440.

LINCOLN AVENUE—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING the SIDEWALKS, LAYING CROSSWALKS and PAVING the roadway with granite blocks, from Southern Boulevard to Harlem river. Assessment on Blocks 1795, 1796 and 1807.

SOUTHERN BOULEVARD—SEWER and appurtenances, from One Hundred and Thirty-seventh to One Hundred and Thirty-eighth street. Assessment on east side of Block 1952 and west side of Block 1953.

SOUTHERN BOULEVARD—SEWER and appurtenances from the end of existing sewer west of Willis avenue to the summit east of Willis avenue. Assessment on north half of Block 1958.

ONE HUNDRED AND FORTY-SECOND STREET—SEWER and appurtenances, from Brook to St. Ann's avenue. Assessment on north half Block 1721 and south half Block 1720.

ONE HUNDRED AND FORTY-FIFTH STREET—CURBING, FLAGGING, LAYING CROSSWALKS and PAVING with trap blocks, from Third avenue to One Hundred and Forty-sixth street. Assessment on Blocks 1698, 1699, 1701, 1702 and 1703.

ONE HUNDRED AND FORTY-SIXTH STREET—PAVING, from Third to Morris avenue, with trap blocks. Assessment on south half Blocks 1685 and 1686, and north half Blocks 1687, 1699 and 1701.

ONE HUNDRED AND FORTY-NINTH STREET—PAVING, from the westerly crosswalk of Robbins avenue to the westerly crosswalk of the Southern Boulevard, with granite blocks and laying crosswalks. Assessment on Blocks 678, 680, 682, 684, 686, 688, 692 and 760 to 774.

ONE HUNDRED AND FIFTIETH STREET—REGULATING, GRADING, CURBING, FLAGGING, LAYING CROSSWALKS and PAVING the roadway, from Third to Courtlandt avenue. Assessment on north half of Blocks 1671 and 1672 and south half of Blocks 1646 and 1647.

ONE HUNDRED AND FIFTY-SECOND STREET—SEWER and appurtenances, from Railroad avenue, East, to Courtlandt avenue, and in Morris avenue, from One Hundred and Fifty-second street to Railroad avenue, East. Assessment on Blocks 1611 to 1618, and 1637, 1638, 1639, 1647, 1652 and 1653.

ONE HUNDRED AND FIFTY-THIRD STREET—PAVING, from Courtlandt to Morris avenue, with trap blocks. Assessment on north half Blocks 1638 and 1639, and south half Blocks 1613 and 1614.

ONE HUNDRED AND SIXTY-NINTH STREET—PAVING, between the New York and Harlem Railroad and Franklin avenue, with granite blocks and laying crosswalks. Assessment on Blocks 429, 430, 481 and 482, and 1248 to 1252.

ONE HUNDRED AND SEVENTIETH STREET—RECEIVING BASINS on the northeast and southeast corners of Vanderbilt avenue, East. Assessment on north side Block 1248 and south half Block 1218.

## TWENTY-FOURTH WARD.

JEROME AVENUE—CROSSWALKS on the north side of High Bridge road. Assessment on Blocks 211 and 1033.

ONE HUNDRED AND SEVENTY-THIRD STREET—SEWER and appurtenances, between the New York and Harlem Railroad and a point 55 feet west of Anthony avenue. Assessment on Blocks 1155 to 1158, 1169 to 1171, 1174 to 1184, 1186, 1187, 1205 to 1211 and 1521.

Which assessments were confirmed by the Board of Revision and Correction of Assessments May 26, 1893, and entered on the same date in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before July 26, 1893, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, June 15, 1893.

## BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the Board of School Trustees for the Twelfth Ward, at the Hall of the Board of Education, No. 146 Grand street, until 9 o'clock A. M., on Wednesday, July 12, 1893, for erecting an Addition to Grammar School No. 43, on northwest corner of One Hundred and Twenty-ninth street and Tenth avenue; also for making Repairs and Alterations of Building on north side of One Hundred and Second street, between Second and Third avenues, into a School Building.

JOHN WHALEN, Chairman,  
ANTONIO RASINES, Secretary,  
Board of School Trustees, Twelfth Ward.  
Dated New York, June 28, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Twentieth Ward, until 9 o'clock A. M., on Friday, July 7, 1893, for Heating and Ventilating Apparatus for Primary School No. 27.

AUGUSTINE HEALY, Chairman,  
JOSEPH MOSS, Secretary,  
Board of School Trustees, Twentieth Ward.  
Dated New York, June 24, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Thirteenth Ward, until 9 o'clock A. M., on Thursday, July 6, 1893, for making Repairs, Alterations, etc., at Grammar School No. 34.

GEO. W. RELYEA, Chairman,  
FRANCIS COAN, Secretary,  
Board of School Trustees, Thirteenth Ward.  
Dated New York, June 24, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Twentieth Ward, until 9 o'clock A. M., on Thursday, July 6, 1893, for supplying Furniture, etc., for Grammar Schools Nos. 26, 32, 48 and Primary School No. 27.

AUGUSTINE HEALY, Chairman,  
JOSEPH MOSS, Secretary,  
Board of School Trustees, Twentieth Ward.  
Dated New York, June 23, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Twenty-fourth Ward, until 4 o'clock P. M., on Thursday, July 6, 1893, for making Repairs, Alterations, etc., at Grammar School No. 63.

ELMER A. ALLEN, Chairman,  
THEODORE E. THOMSON, Secretary,  
Board of School Trustees, Twenty-fourth Ward.  
Dated New York, June 23, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Tenth Ward, until 11 o'clock A. M., on Wednesday, June 28, 1893, for Furniture Work at Grammar School No. 20.

CHAS. B. STOVER, Chairman,  
LOUIS HAUPT, Secretary,  
Board of School Trustees, Tenth Ward.  
Dated New York, June 15, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Twenty-third Ward, until 9 o'clock A. M., on Friday, June 30, 1893, for making Repairs, Alterations, etc., at Grammar Department, Grammar School No. 60, Primary Department, Grammar School No. 60, Grammar Schools Nos. 61 and 85 and Primary School No. 44.

SAMUEL SAMUELS, Chairman,  
Board of School Trustees, Twenty-third Ward.  
Dated New York, June 15, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Twelfth Ward, until 9 o'clock A. M., on Thursday, June 29, 1893, for erecting an Annex to Grammar School No. 54; also for making Sanitary Improvements at Grammar School No. 37.

JOHN WHALEN, Chairman,  
ANTONIO RASINES, Secretary,  
Board of School Trustees, Twelfth Ward.  
Dated New York, June 14, 1893.

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.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the School Trustees and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon, or a certificate of deposit of, one of the State or National banks, or Trust Companies of the City of New York, drawn to the order of the President of this Board, shall accompany the proposal to an amount of not less than three per cent. of such proposal, when said proposal is for, or exceeds ten thousand dollars, and to an amount not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that within five days after the decision has been rendered by the Board of Education as to whose bid has been accepted, the President of this Board will return all the deposits of checks and certificates of deposit made, to the persons making the same, except that made by the person or persons whose bid has been accepted; and that if the person or persons whose bid has been accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

## DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, June 20, 1893.

## TO CONTRACTORS.

MATERIALS AND WORK REQUIRED FOR REPAIRS TO ENGINE BOILERS, ETC., 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 Thursday, July 6, 1893, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Repairs, etc., to Steamer Minnahanonck," 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 FIFTEEN HUNDRED (\$1,500) DOLLARS.

A bidder for 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 a 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, or such specific sum as may be mentioned in the proposal.

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 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 supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be 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 give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

Bidders will 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, and showing the manner of payment, can be obtained at the office of the Department, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities and Correction will insist upon their absolute enforcement in every particular.

HENRY H. PORTER, President,  
CHARLES E. SIMMONS, M. D., Commissioner,  
EDWARD C. SHEEHY, Commissioner,  
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, June 26, 1893.

## TO CONTRACTORS.

### MATERIALS AND WORK REQUIRED FOR FIRE ESCAPES AT BELLEVUE HOSPITAL.

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 Thursday, July 6, 1893, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Fire Escapes at Bellevue 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 6, CHAPTER 40, 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.

A bidder for a 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 a 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, or such specific sum as may be mentioned in the proposal.

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 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 supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be 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 give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

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

HENRY H. PORTER, President,  
CHARLES E. SIMMONS, M. D., Commissioner,  
EDWARD C. SHEEHY, Commissioner,  
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, June 27, 1893.

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 Pier "A," North river—Unknown man, aged about 40 years; 5 feet 8 inches high; brown hair, mixed with gray, sandy moustache. Had on blue coat, black pants, white shirt, gray woolen undershirt, white cotton drawers, black socks, laced shoes.

Unknown man from Fourth Precinct Station-house, aged about 35 years; 5 feet 7 inches high; blue eyes, sandy hair and moustache. Had on black coat and vest, black serge pants, pink and white cotton outing shirt, red flannel drawers, brown and gray cotton socks, laced shoes, leather belt around waist; letters "D. C." tattooed on right arm.

Unknown man from Seventh Precinct Station-house, aged about 60 years; 5 feet 6 inches high; brown eyes, gray hair and moustache. Had on gray plaid coat, black vest, brown and gray mixed pants, blue flannel shirt, brown woolen undershirt, gray woolen drawers, brown cotton socks, black felt hat; wore a large truss, and had a cross tattooed on left arm.

Unknown man from foot of Grand street, aged about 40 years; brown hair; body about four months in water. Had on black overcoat, black coat, vest and pants, white shirt, pink and white striped shirt, gray woolen undershirt and drawers, gaiters.

At N. Y. City Asylum for Insane, Blackwell's Island—Emma or Ellen Haines, aged 36 years; 5 feet 6 inches high. Admitted October 4, 1872.

At N. Y. City Asylum for Insane, Ward's Island—William O'Brien, aged 65 years; 5 feet 10 inches high; gray hair and eyes; transferred from Workhouse December 12, 1878.

At Ward's Island Hospital—Jennie Reilly, aged 33 years; 5 feet 5 inches high; light brown hair; blue eyes. Had black shawl, black alpaca waist, white stockings, black ski t, white cotton chemise and drawers, black felt hat, buttoned shoes.

Nothing known of their friends or relatives.

By order,  
G. F. BRITTON, Secretary.

### COMMISSIONER OF STREET IMPROVEMENTS OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS.

OFFICE OF  
COMMISSIONER OF STREET IMPROVEMENTS  
OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS,  
NEW YORK, June 21, 1893.

## TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH OF the following-mentioned works, 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 by the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, at his office, No. 262 Third Avenue, corner of One Hundred and Forty-first Street, until 3 o'clock P. M. on Thursday, July 6, 1893, at which place and hour they will be publicly opened:

FOR COMPLETING THE CONSTRUCTION OF SEWERS AND APPURTENANCES IN MEL-ROSE AVENUE, between One Hundred and Sixtieth and One Hundred and Fifty-sixth streets, WITH BRANCHES IN ONE HUNDRED AND FIFTY-SEVENTH STREET, ONE HUNDRED AND FIFTY-EIGHTH STREET AND ONE HUNDRED AND FIFTY-NINTH STREET, between Elton and Courtlandt avenues.

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 Street Improvements of the Twenty-third and Twenty-fourth Wards 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 other information desired, can be obtained at this office.

LOUIS F. HAFKEN,  
Commissioner of Street Improvements,  
Twenty-third and Twenty-fourth Wards

## POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
No. 300 MULBERRY STREET.

## TO CONTRACTORS.

### PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR BUILDING A Station-house, Lodging-house and Prison on the ground and premises in the City of New York known as Nos. 24 and 26 Macdougal street, will be received at the Central Office of the Department of Police, in the City of New York, until 12 o'clock M. of Wednesday, the 12th day of July, 1893.

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

For particulars of the nature and extent of the work to be done, reference must be made to the plans and specifications on file in the office of the Chief Clerk of the said Department.

Bidders will state in writing, and also in figures, a price for the work complete. The price is to cover the furnishing of all the materials and labor and the performance of all the work called for by the specifications, plans, drawings and form of agreement. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interests.

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

The entire work is to be completed within SEVEN MONTHS from the date of the contract.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law, in the sum of TWENTY THOUSAND DOLLARS.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon 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 upon its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail,

surety and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by 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.

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, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, 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.

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.

No estimate for a sum in excess of SIXTY-FIVE THOUSAND (\$65,000) DOLLARS can be considered.

Bidders are informed that no deviation from the specifications will be allowed unless a written permission shall previously have been obtained from the Board of Police.

Plans may be examined and specifications and blank estimates may be obtained by application to the undersigned, at his office in the Central Department.

By order of the Board,  
WM. H. KIPP,  
Chief Clerk.

NEW YORK, June 26, 1893.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
No. 300 MULBERRY STREET.

## TO CONTRACTORS.

### PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR SUPPLYING THE Police Department with two thousand four hundred tons of best quality of Lehigh Coal will be received at the Central Office of the Department of Police in the City of New York, until twelve o'clock M. of Wednesday, the 12th day of July, 1893.

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

For particulars as to the quality, kind and quantity of each size of coal required, reference must be made to the specifications, blank forms of which may be obtained at the office of the Chief Clerk in the Central Department.

The attention of bidders is called to the following provision of the contract:

"And it is hereby expressly agreed by and between the parties to this contract that the said parties of the second part may, and they are hereby authorized to increase or diminish the amounts of coal required to be furnished herein, by an amount not to exceed ten per cent, without compensation to the said party of the first part other than the prices per ton herein agreed upon to be paid for the amount actually furnished under this agreement."

Bidders will state a price per ton of two thousand pounds for the coal to be delivered. The price must be written in the bid and stated in figures. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interest.

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

The entire quantity of coal is to be delivered within thirty days from the date of the execution and delivery of the contract.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law, in the sum of FIVE THOUSAND DOLLARS.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon 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 upon its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered 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.

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, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, 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.

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 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 person 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 be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Blank forms for estimates may be obtained by application to the undersigned, at his office in the Central Department.

By order of the Board,  
WILLIAM H. KIPP, Chief Clerk.  
New York, June 21, 1893.

POLICE DEPARTMENT—CITY OF NEW YORK,  
OFFICE OF THE PROPERTY CLERK (Room No. 9),  
No. 300 MULBERRY STREET,  
NEW YORK, 1893.

**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 claimants: 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.

#### DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, June 28, 1893.

#### NOTICE OF SALE AT PUBLIC AUCTION.

ON FRIDAY, JULY 14, 1893, AT 10.30 A. M., the Department of Public Works will sell at Public Auction, by Peter F. Meyer, Auctioneer, under the supervision of the Water Purveyor, on the premises, the following, viz.:

AT ELEVENTH AVENUE AND SIXTEENTH STREET, ABOUT 45,000 OLD GRANITE BLOCKS.

AT FOURTEENTH STREET AND EAST RIVER, ABOUT 150,000 OLD BELGIAN BLOCKS; ALSO ONE OLD WAGON.

AT MARKET SLIP, EAST RIVER, ABOUT 40,000 OLD BELGIAN BLOCKS.

#### TERMS OF SALE.

Cash payments in bankable funds at the time and place of sale, and the removal within five (5) days of the blocks, etc., purchased, otherwise purchaser will forfeit the same, together with all moneys paid therefor, and the Department will proceed to resell the same.

MICHAEL T. DALY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
Room 6, No. 31 CHAMBERS STREET,  
NEW YORK, June 27, 1893.

#### 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 on Tuesday, July 11, 1893, until 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department.

**FOR BUILDING A TEMPORARY BRIDGE AND APPROACHES OVER THE HARLEM SHIP CANAL, EAST OF THE KINGSBRIDGE ROAD, AND REMOVING OBSTRUCTIONS FROM THE SHIP CANAL NECESSARY TO BUILD THE NEW BRIDGE OVER THE HARLEM SHIP CANAL ON LINE OF KINGSBRIDGE ROAD.**

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 be retained by the City of

New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of the 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 10, No. 31 Chambers street.

MICHAEL T. DALY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
Room 6, No. 31 CHAMBERS STREET,  
NEW YORK, June 22, 1893.

#### 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 on Thursday, July 6, 1893, until 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR SEWER IN NINETY-FIFTH STREET, between Fifth and Madison avenues.

No. 2. FOR SEWER IN NINETY-SEVENTH STREET, between Madison and Park avenues.

No. 3. FOR SEWER IN NINETY-EIGHTH STREET, between Madison and Fifth avenues.

No. 4. FOR SEWER IN ONE HUNDRED AND SECOND STREET, between Madison and Fifth avenues.

No. 5. FOR SEWER IN ONE HUNDRED AND THIRD STREET, between Madison and Fifth avenues, WITH ALTERATION AND IMPROVEMENT TO EXISTING SEWER ACROSS MADISON AVENUE, IN ONE HUNDRED AND THIRD STREET.

No. 6. FOR SEWER IN ONE HUNDRED AND FORTY-SIXTH STREET, between Hudson river and Boulevard.

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 be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of the 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 9, No. 31 Chambers street.

MICHAEL T. DALY,  
Commissioner of Public Works.

#### NOTICE OF SALE AT PUBLIC AUCTION.

MONDAY, JULY 24, 1893,  
AT 10 O'CLOCK, A. M.

**THE DEPARTMENT OF PUBLIC WORKS OF** the City of New York, under the direction of Joseph H. Lewis, Auctioneer, will sell at Public Auction, on the premises, the following described buildings, etc., now standing within the lines of property taken under chapter 189, Laws of 1893, in the Towns of Mount Pleasant and Newcastle, Westchester County, New York:

'Lot No. 1. At the Gardener Place.  
Frame house, one-and-a-half-story, with basement, 245 by 245; wing, one-story, 18 by 126.

'Lot No. 2. At the Tompkins Place.  
Building known as Caprons factory, two-story frame, with stone basement, 70 feet 8 inches by 30 feet 7 inches, no machinery, frame house, with brick basement, one-and-one-half-story, 38 feet 5 inches by 24 feet 4 inches.

'Lot No. 3. At the Hart Place.  
Frame house, known as the Montfort House, two-story and basement, 28 feet 8 inches by 24 feet 4 inches.

'Lot No. 4. At the Burnett Place.  
Frame-house and saloon connected. House two-story, 36 feet 7 inches by 23 feet 9 inches; saloon two-story, 13 feet by 21 feet 3 inches, with story extension, 5 feet 3 inches by 31 feet 3 inches.

'Frame-house, one-story and attic with brick basement, 34 feet 4 inches by 20 feet 5 inches.

'Lot No. 5. At the Gale Place.  
Frame house, two-story and attic, 31 feet 4 inches by 24 feet 5 inches; wing, one-story, 10 feet 8 inches by 5 feet 4 inches.

#### Lot No. 6. At the Dimmock Place.

Frame house, two-story with attic, 22 feet 5 inches by 28 feet 6 inches; one-story extension, 9 feet 2 inches by 2 feet 1 inch.

Building connected by covered passage, one-story, 14 feet 5 inches by 24 feet 3 inches.

#### Lot No. 7. At the Wyckoff Place.

Frame building, with attic; living-apartments in upper story; lower story fitted for store, with counters, shelves, etc., 24 feet 5 inches by 57 feet 8 inches. Frame barn, 22 feet 8 inches by 30 feet 5 inches.

#### Lot No. 8. At the School-house.

Frame with brick basement, 1 story, 34 feet 6 inches by 24 feet 5 inches.

#### Lot No. 9. At the Onderdonk Place.

Frame house, two-story and attic, 30 feet 7 inches by 32 feet. East wing, one-story and attic, 33 feet by 25 feet 6 inches. West wing, one-story, 14 feet 2 inches by 16 feet 4 inches.

Wash-house, one-story, 14 feet 5 inches by 14 feet 5 inches.

#### Lot No. 10. At the Taylor Place.

Frame house, unfinished, two-story, 28 feet 5 inches by 18 feet. Wing, 13 feet by 4 feet 3 inches.

#### TERMS OF SALE.

The consideration the Department of Public Works shall receive for the foregoing buildings will be, First—the removal of every part of the building, excepting the stone foundation, on or before the 24th day of August, 1893, and Second—the sum paid in money on the day of sale. If any part of any building is left on the property on and after the 24th of August, 1893, the purchaser shall forfeit all right and title to the building, or part of building so left, and also the money part of the consideration paid at the time of sale; and the Department of Public Works may, at any time on or after the 25th of August, 1893, cause said building, or part of building, to be removed and disposed of at the expense of the party to whom the above-conditioned sale, as described, may be paid. The total amount of the bid must be made at the time of the sale.

MICHAEL T. DALY,  
Commissioner of Public Works  
of the City of New York.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF WATER REGISTERS,  
No. 31 CHAMBERS STREET, Room 2,  
NEW YORK, May 1, 1893.

#### CROTON WATER RATES.

**NOTICE IS HEREBY GIVEN THAT THE** annual Water Rates for 1893 are now due and payable at this office.

Permits for the use of Croton water for washing sidewalks, stoops, areas, etc., etc., must be renewed immediately.

MAURICE F. HOLAHAN,  
Deputy and Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK.

#### TO OWNERS OF LANDS ORIGINALLY ACQUIRED BY WATER GRANTS.

**ATTENTION IS CALLED TO THE RECENT** act of the Legislature (chapter 449, Laws of 1889), which provides that whenever any streets or avenues in the city, described in any grant of land under water, from the Mayor, Aldermen and Commonalty containing covenants requiring the grantees and their successors to pave, repave, keep in repair or maintain such streets, shall be in need of repairs, pavement or repavement, the Common Council may, by ordinance, require the same to be paved, repaved or repaired, and the expense thereof to be assessed on the property benefited; and whenever the owner of a lot so assessed shall have paid the assessment levied for such paving, repaving or repairing, such payment shall release and discharge such owner from any and every covenant and obligation as to paving, repaving and repairing, contained in the water grant under which the premises are held, and no further assessment shall be imposed on such lot for paving, repaving or repairing such street or avenue, unless it shall be petitioned for by a majority of the owners of the property (who shall also be the owners of a majority of the property in frontage) on the line of the proposed improvement.

The act further provides that the owner of any such lot may notify the Commissioner of Public Works, in writing, specifying the ward number and street number of the lot that he desires, for himself, his heirs and assigns, to be released from the obligation of such covenants, and elects and agrees that said lot shall be thereafter liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thenceforth be relieved from any obligation to pave, repair, uphold or maintain said street, and the lot in respect of which such notice was given shall be liable to assessment accordingly.

The Commissioner of Public Works desires to give the following explanation of the operation of this act:

When notice, as above described, is given to the Commissioner of Public Works, the owner of the lot or lots therein described, and his heirs and assigns, are forever released from all obligation under the grant in respect to paving, repaving or repairing the street in front of or adjacent to said lot or lots, except one assessment for such paving, repaving or repairs, as the Common Council may, by ordinance, direct to be made thereafter.

No street or avenue within the limits of such grants can be paved, repaved or repaired until said work is authorized by ordinance of the Common Council, and when the owners of such lots desire their streets to be paved, repaved or repaired, they should state their desire and make their application to the Board of Aldermen and not to the Commissioner of Public Works, who has no authority in the matter until directed by ordinance of the Common Council to proceed with the pavement, repavement or repairs.

MICHAEL T. DALY,  
Commissioner of Public Works.

#### COMMISSIONERS OF APPRAISAL UNDER CHAPTER 537, LAWS OF 1893, RELATIVE TO CHANGE OF GRADE IN THE TWENTY-THIRD AND TWENTY-FOURTH WARDS NEW YORK CITY.

**PURSUANT TO THE PROVISIONS OF CHAPTER 537** of the Laws of 1893, entitled "An Act providing for ascertaining and paying the amount of damages to lands and buildings, suffered by reason of changes of grade of streets or avenues, made pursuant to chapter seven hundred and twenty-one of the Laws of eighteen hundred and eighty-seven, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York, or otherwise," notice is hereby given, that public meetings of the Commissioners appointed under said act, will be held at Room No. 28 Schermerhorn Building, No. 96 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.

Dated New York, June 6, 1893.  
DANIEL LORD,  
JAMES M. VARNUM,  
JAMES A. DEERING  
Commissioners.

LAMONT McLOUGHLIN, 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 RIDGE and RIVINGTON STREETS, in the Thirteenth 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, as amended by chapter 35 of the Laws of 1890.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890, 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 ten days after the first publication of this notice, file their objections to such estimate, in writing, with us at our office, Room No. 113, on the third floor of the Stewart Building, No. 280 Broadway, in said city, as provided by section 4 of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890; and that we, the said Commissioners, will hear parties so objecting at our said office, on the 17th day of July, 1893, at 11 o'clock in the forenoon, 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 the Chambers, in the County Court-house, in the City of New York, on the day of 24th July, 1893, 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, June 29, 1893.  
CHARLES COUDERT,  
JOHN T. AGNEW,  
VICTOR J. DOWLING,  
Commissioners.

HENRY B. TWOMBLY, 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 FOURTH STREET, between Avenues B and C, in the Eleventh 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, as amended by chapter 35 of the Laws of 1890.

**PURSUANT TO THE PROVISIONS OF CHAPTER 191** of the Laws of 1888, as amended by chapter 35 of the Laws of 1890, 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 Saturday, the 2nd day of July, 1893, 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 in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title, by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of Fourth street, between Avenues B and C, in the Eleventh Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, as amended by said chapter 35 of the Laws of 1890, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, as amended by said chapter 35 of the Laws of 1890, being the following-described lot, piece or parcel of land, namely:

All that certain lot, piece or parcel of land and premises situate, lying and being in the Eleventh Ward of the City of New York, bounded and described as follows:

Beginning at a point on the northerly side of Fourth street, distant three hundred and twelve feet and nine inches westerly from the northwesterly corner of Avenue C and Fourth street, and running thence westerly along the northerly side of Fourth street, twenty-four feet and nine inches; thence northerly, parallel with Avenue C, ninety-six feet and one-half inch; thence easterly, parallel with Fourth street, twenty-four feet and nine inches; and thence southerly and again parallel with Avenue C, ninety-six feet and one-half inch to the point or place of beginning.

Dated New York, June 27, 1893.  
WILLIAM H. CLARK,  
Counsel to the Corporation.  
No. 2 Tyron 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 Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), to ONE HUNDRED AND THIRTY-NINTH STREET, between Amsterdam avenue and Convent avenue, in the Twelfth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of 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, in the City of New York, on the 10th day of July, 1893, at 10.30 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, June 24, 1893.  
SAMUEL E. DUFFEY,  
CHARLES S. HAYES,  
WILLIAM H. KLINKER,  
Commissioners.

JOHN P. DUNN, 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 LOWELL STREET (although not yet named by proper authority), extending from Third avenue to Rider 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 all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and 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 this proceeding or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 31 Chambers street (Room 4), in said city, on or before the 5th day of August, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 5th day of August, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 12 o'clock M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 4th day of August, 1893.

Third—That the limits of our assessment for benefit include 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 a line parallel with and distant 100 feet northerly from the northerly line of Lowell street, from Third avenue to Rider avenue; easterly by the westerly line of Third avenue; southerly by a line parallel with and distant 100 feet southerly from the southerly line of Lowell street, from Third avenue to Rider avenue, and westerly by the easterly line of Rider avenue 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, in the City of New York, on the 21st day of July, 1893, 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, June 23, 1893.  
SAMUEL W. MILBANK, Chairman,  
JACOB P. SOLOMON,  
HENRY W. GRAY, Commissioners.

JOHN P. DUNN, 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 BOSCOBEL AVENUE (although not yet named by proper authority), extending from the easterly approach to the bridge over the Harlem river, at West One Hundred and Eighty-first street, to Jerome avenue, in the Twenty-third and Twenty-fourth Wards 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 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, in the City of New York, on the 1st day of July, 1893, at 10.30 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, June 20, 1893.  
HENRY G. CASSIDY,  
WILLIAM E. STILLINGS,  
LAMONT McLOUGHLIN, 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 ONE HUNDRED AND EIGHTY-SIXTH STREET (although not yet named by proper authority), between Wadsworth avenue and Amsterdam 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 Tuesday, the 11th day of July, 1893, 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 a strip of land, with the buildings thereon and the appurtenances thereto belonging, of the average width of 25.10 feet along the northerly line of East One Hundred and Fifty-sixth street, between Elton avenue and Third avenue, in the Twenty-third Ward of the City of New York, as the same has been monumented, regulated, graded and paved by the city authorities, and to which title has not as yet been acquired, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the westerly line of Amsterdam avenue, distant 214 feet 10 inches northerly from the northerly line of One Hundred and Eighty-fifth street; thence westerly and parallel with said street, distance 80 feet, to the easterly line of Eleventh avenue; thence northerly along said line, distance 60 feet; thence easterly, distance 800 feet, to the westerly line of Amsterdam avenue; thence southerly along said line, distance 60 feet, to the point or place of beginning.

Also, Beginning at a point in the westerly line of Eleventh avenue, distance 214 feet 10 inches northerly from the northerly line of One Hundred and Eighty-fifth street; thence westerly and parallel with said street, distance 300 feet, to the easterly line of Wadsworth avenue; thence northerly along said line, distance 60 feet; thence easterly, distance 300 feet, to the westerly line of Eleventh avenue; thence southerly along said line, distance 60 feet, to the point or place of beginning.

Said street to be 60 feet wide between the lines of Amsterdam avenue and Wadsworth avenue.

Dated New York, June 12, 1893.  
WILLIAM H. CLARK,  
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 ONE HUNDRED AND SEVENTEENTH STREET, between Amsterdam avenue and Morningside avenue, West, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 31 Chambers street (Room 4), in said city, on the 23rd day of June, 1893, at 12 o'clock M., to hear a person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 31 Chambers street; that it is our intention to present our report for confirmation to the Supreme Court, at a Special Term thereof, to be held at Chambers thereof, at the County Court-house, in the City of New York, on the 30th day of June, 1893, at the opening of

Court on that day, to which day the motion to confirm the same will be adjourned, 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, June 9, 1893.  
WILLIAM H. BARKER, Chairman,  
LEO C. DESSAR,  
JAMES E. DOHERTY, Commissioners.

JOHN P. DUNN, 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 ONE HUNDRED AND FORTY-SIXTH STREET (although not yet named by proper authority), between Bradhurst avenue and Eighth 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 Tuesday, the 11th day of July, 1893, 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 Forty-sixth street, between Bradhurst avenue and Eighth 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 Eighth avenue, distant 199 feet 10 inches northerly from the northerly line of One Hundred and Forty-fifth street; thence westerly and parallel with said street, distance 225 feet to the easterly line of Bradhurst avenue; thence northerly along said line, distance 60 feet; thence easterly, distance 225 feet, to the westerly line of Eighth avenue; thence southerly along said line, distance 60 feet, to the point or place of beginning.

Said street to be 60 feet wide between the lines of Eighth avenue and Bradhurst avenue.

Dated New York, June 12, 1893.  
WILLIAM H. CLARK,  
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 a strip of land of the average width of 25.10 feet along the northerly line of EAST ONE HUNDRED AND FIFTY-SIXTH STREET, between Elton avenue and Third avenue, in the Twenty-third 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 Tuesday, the 11th day of July, 1893, 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 a strip of land, with the buildings thereon and the appurtenances thereto belonging, of the average width of 25.10 feet along the northerly line of East One Hundred and Fifty-sixth street, between Elton avenue and Third avenue, in the Twenty-third Ward of the City of New York, as the same has been monumented, regulated, graded and paved by the city authorities, and to which title has not as yet been acquired, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Elton avenue, distant 2.3 feet northerly from the intersection of the eastern line of Elton avenue and the northern line of the land acquired for East One Hundred and Fifty-sixth street.

1st. Thence southerly along the eastern line of Elton avenue for 2.3 feet to the northern line of the land acquired for East One Hundred and Fifty-sixth street.

2d. Thence easterly along said line for 207.51 feet to the western line of Third avenue.

3d. Thence northerly along the western line of Third avenue for 2.97 feet.

4th. Thence westerly for 207.78 feet to the point of beginning.

East One Hundred and Fifty-sixth street is designated as a street of the first class.

Dated New York, June 12, 1893.  
WILLIAM H. CLARK,  
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 ONE HUNDRED AND NINETEENTH STREET, between the Boulevard and Riverside avenue, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and 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 this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 31 Chambers street (Room 4), in said city, on or before the 12th day of July, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 12th day of July, 1893, and for that purpose will be in attendance at our said office on each of said ten days, at 12 o'clock P.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 11th day of July, 1893.

Third—That the limits of our assessment for benefit include 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 One Hundred and Twenty-second street, from Riverside avenue to the Boulevard; easterly by the westerly line of the Boulevard; southerly by the centre line of the blocks between One Hundred and Nineteenth street and the Boulevard; westerly by the easterly line of Riverside avenue; excepting from said area all the streets, avenues, roads or portions thereof heretofore legally opened, 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, in the City of New York, on the 27th day of July, 1893, 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, May 27, 1893.  
EDWARD T. WOOD, Chairman,  
HENRY G. CASSIDY,  
PETER BOWE, Commissioners.

MATTHEW P. RYAN, 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 FEATHERBED LANE (although not yet named by proper authority), extending from Aqueduct avenue to Jerome 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.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and 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 this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 31 Chambers street (Room 4), in said city, on or before the 6th day of July, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 6th day of July, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 3.30 o'clock P.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 5th day of July, 1893.

Third—That the limits of our assessment for benefit include 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.: Beginning at a point in the easterly line of Aqueduct avenue, distant about five hundred and thirty feet northerly from the westerly tangent point of the curve joining the northerly line of Featherbed lane with the easterly line of Aqueduct avenue; thence easterly and at right angles with Aqueduct avenue for a distance of one hundred feet; thence by a line running south seventy-six degrees east for two hundred and sixty feet; thence by a line parallel with, and distant about two hundred and eighty-five feet northerly from, the northerly line of Featherbed lane to the centre of McComb's road; thence southerly along the centre of McComb's road to a point distant about sixty feet northerly of the northerly line of Featherbed lane; thence southeasterly, easterly, northerly and again easterly along the centre line of the block between Featherbed lane, McComb's road, a certain unnamed street or avenue and Jerome avenue, to a point in the westerly line of Jerome avenue, distant nine hundred and fifty-five one-hundredths feet northerly of the northerly line of Featherbed lane; thence southerly along the westerly line of Jerome avenue to a point distant one hundred and ninety feet southerly from the southerly line of Featherbed lane; thence westerly along the centre line of the block between Featherbed lane and Wolf place to the centre of Inwood avenue; thence southerly along the centre of Inwood avenue to a point opposite the centre line of the block between Featherbed lane, McComb's road and Inwood avenue; thence westerly and along the centre line of the last-mentioned block to the easterly line of McComb's road; thence by a line running south seventy-eight and one-half degrees west for five hundred feet; thence by a line running north sixty-six and a half degrees west to the centre of Marcher avenue; thence southerly along the centre of Marcher avenue for a distance of two hundred and sixty-five feet; thence westerly along the centre line of the block between Featherbed lane, Bosco el avenue, Marcher avenue, and a certain unnamed street or avenue, to the centre of said certain unnamed street or avenue, being the first street or avenue lying west of, and having the same general direction as, Marcher avenue; thence northerly along the centre of said unnamed street or avenue for a distance of four hundred and thirty feet; thence westerly and parallel, or nearly so, with the southerly line of Featherbed lane to the centre of a certain unnamed street or avenue, being the first street or avenue east of, and having the same general direction as, Aqueduct avenue; thence southerly along the centre of said unnamed street or avenue to a point opposite the centre line of the block between Featherbed lane, Aqueduct avenue, Bosco el avenue and said certain unnamed street or avenue; thence northerly along the centre line of the last-mentioned block to the easterly line of Aqueduct avenue; thence northeasterly along the easterly line of Aqueduct avenue to the point or place of beginning, the northerly and southerly boundary lines of said area of assessment being as nearly as practicable half way between Featherbed lane and the nearest streets or avenues north and south of Featherbed lane.

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, in the City of New York, on the 21st day of July, 1893, 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, May 26, 1893.  
MICHAEL L. LUGGAN, Chairman,  
HENRY HUGHES,  
JOSEPH C. WOLFF, Commissioners.

Beginning at a point in the westerly line of the Boulevard, distant 463.67 feet southerly from the southerly line of One Hundred and Fourteenth street; thence westerly and parallel to said street, distance 416.62 feet, to the easterly line of Riverside avenue; thence southerly along said line, distance 60.82 feet; thence still along said line in a curve to the right, radius 800 feet, distance 1.17 feet; thence easterly and parallel to One Hundred and Fourteenth street, distance 400.87 feet to the westerly line of the Boulevard; thence northerly along said line, distance 60 feet, to the point or place of beginning.

Said street to be 60 feet wide between the Boulevard and Riverside avenue.

Dated New York, June 12, 1893.  
WILLIAM H. CLARK,  
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 ONE HUNDRED AND TWENTY-FIRST STREET, between the Boulevard and Amsterdam avenue, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and 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 this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 31 Chambers street (Room 4), in said city, on or before the 7th day of July, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 7th day of July, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock P.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 6th day of July, 1893.

Third—That the limits of our assessment for benefit include 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 block between One Hundred and Twenty-first and One Hundred and Twenty-second streets; easterly by the westerly line of the block between One Hundred and Twenty-first street and One Hundred and Twentieth street, and westerly by the easterly line of the Boulevard; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, 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, in the City of New York, on the 21st day of July, 1893, 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, May 26, 1893.  
MICHAEL L. LUGGAN, Chairman,  
HENRY HUGHES,  
JOSEPH C. WOLFF, Commissioners.

MATTHEW P. RYAN, 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 SEVENTY-NINTH STREET (although not yet named by proper authority), extending from Liebout avenue to Third 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, from Tiebout avenue to Washington avenue, and as a third-class street or road from Washington avenue to Third avenue, by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and 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 this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 31 Chambers street (Room 4), in said city, on or before the 29th day of June, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 29th day of June, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 3.30 o'clock P.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 28th day of June, 1893.

Third—That the limits of our assessment for benefit include 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 Samuel street and East One Hundred and Seventy-ninth street, from Tiebout avenue to Third avenue; easterly by the westerly line of Third avenue, southerly by the centre line of the blocks between East One Hundred and Seventy-ninth street from Third avenue to Tiebout avenue, and westerly by the easterly line of Tiebout avenue; excepting from said area all the streets, avenues and roads or portion thereof heretofore legally opened, 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, in the City of New York, on the 14th day of July, 1893, 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, May 17, 1893.  
THOMAS J. MILLER,  
THEODORE M. ROCHE, Commissioners.

JOHN P. DUNN, Clerk.

## THE CITY RECORD.

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W. J. K. KENNY, Supervisor.