

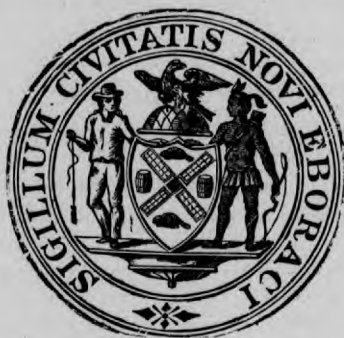
# THE CITY RECORD.

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## DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1892.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, November 23, 1892.

Hon. HUGH J. GRANT, Mayor:

DEAR SIR—In compliance with 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 September 30, 1892:

### SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation (Consolidation Act of 1882, section 141) .....	\$895,598 80
On account of Local Improvement Fund for Street Improvements (Consolidation Act, sections 144 and 150) .....	333,952 30
On account of Funded Debt for water supply (Consolidation Act, section 141) .....	72,770 12
On account of Repavement Fund (chapter 346, Laws of 1889) .....	77,972 18
On account of Repavement Fund (chapter 35, Laws of 1892) .....	167,651 65
On account of Criminal Court-house Fund (chapter 371, Laws of 1887, section 8) ..	69,381 00
On account of Fund for Public Building, Twelfth Ward (chapter 487, Laws of 1890) ..	688 50
On account of Fund for One Hundred and Fifty-fifth Street Viaduct (Consolidation Act, section 144, and chapter 576, Laws of 1887) .....	90,034 78
On account of Special Fund for restoring pavements over street openings (Revised Ordinances of 1880, sections 354 to 357) .....	17,811 89
On account of Revenue Bonds for furnishing and setting water-meters (Consolidation Act, sections 161 and 352) .....	4,200 07
Total .....	\$1,729,998 29

### SUMMARY STATEMENT OF CONTRACTS.

Contracts Entered into During the Quarter.

20 sewer contracts, estimated cost .....	\$135,713 73
11 regulating and grading contracts, estimated cost .....	14,533 06
22 paving contracts, payable by local assessments, estimated cost .....	83,720 23
15 repaving contracts, estimated cost .....	210,276 40
3 contracts for water-mains, estimated cost .....	37,632 00
7 miscellaneous contracts, estimated cost .....	7,978 45
78 contracts; total estimated cost .....	\$489,853 87

Contracts Completed during the Quarter.

17 sewer contracts, cost .....	\$63,970 41
29 regulating and grading contracts, cost .....	70,200 36
17 paving and repaving contracts, cost .....	325,771 59
11 miscellaneous contracts, cost .....	41,777 05
74 contracts; total cost .....	\$501,719 41

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

The past summer and autumn seasons have been exceptionally dry, and during the months of July, August and September there were only three days when the natural flow of the Croton river was sufficient to furnish the daily supply required by the city through the two aqueducts. The draughts upon the water stored in the reservoirs and lakes in the Croton water-shed for the three months to supply the deficiency in the natural flow of the river, amount in the aggregate to 6,400,000,000 gallons. Notwithstanding this heavy draught on the water held in storage, the available reserved supply at the close of the quarter amounted to 12,400,000,000 gallons.

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

LOCATIONS.	JULY. INCHES.	AUGUST. INCHES.	SEPTEMBER. INCHES.	TOTAL. INCHES.
Boyd's Corners Reservoir .....	5.05	6.22	2.65	13.92
South East Reservoir .....	6.06	5.93	2.04	14.03
Kensico Reservoir .....	3.52	4.19	1.70	9.41
Croton Dam .....	4.64	5.19	2.18	12.01
Central Park Reservoir .....	3.20	3.76	1.11	8.07

The Department has for years been hampered and obstructed in the performance of one of its most important duties, the protection of the city's water supply from contaminations by nuisances on the borders of the streams, lakes and ponds in the Croton water-shed.

Recent legislation on the subject has had the tendency rather to protect the people living in the Croton basin in maintaining old nuisances than the ostensible object of strengthening the hands of the city authorities in preventing pollution of the water. The threatened epidemic of cholera made it necessary to adopt energetic measures to remove or abate such nuisances as far as possible, notwithstanding the obstructive legislation. In the report of the Chief Engineer of the Croton

Aqueduct, hereto annexed, will be found a detailed description of 226 of such nuisances, consisting of privies, pig-pens, cattle-pens, manure heaps, etc., which have been removed during the past quarter. The beneficial results of this work are shown in a chemical analysis of the Croton water near the close of the quarter, which proved the water to be free from nitrates and other ingredients which would endanger the public health.

Four years ago the maximum daily water supply which the Old Aqueduct and the Bronx river conduit were capable of furnishing was 116,000,000 gallons. For the past eight or ten months there has been received and distributed a daily supply of 168,000,000 gallons, an increase of nearly forty-five per cent. over the former supply. The benefits of this large increase in the water supply are manifest in the greater convenience and comfort of the consumers of water, the few complaints which are now received of insufficient supply and pressure of water, and the facilities which the Department has recently been able to afford by the flushing of streets to aid the Department of Street Cleaning in its efforts to keep them clean.

Since the introduction of the additional supply of water through the New Aqueduct, a large proportion of the limit of \$250,000 prescribed by law for annual expenditure in laying additional water-mains to improve and extend the water service has been devoted to the laying of additional large water-mains to properly distribute the increased supply, and to that extent the work of laying the smaller distributing mains into new streets and districts has been diminished. During the quarter there have been laid 3,400 lineal feet of 48-inch mains, 700 lineal feet of 36-inch mains, 4,868 lineal feet of 12-inch mains, and 15,711 lineal feet of 6-inch mains, making a total of 4.67 miles of additional water-mains laid.

The high-service pumping works which supply the high points in the city which are beyond the reach of the ordinary service from the distributing reservoirs have been operated to their fullest capacity to meet the rapidly growing demand upon the service, caused by the rapid increase in population and buildings. The further and unavoidable increase of demand upon this service can only be met by the construction of the additional high-service pumping works authorized by chapter 38 of the Laws of 1892, for which the Department has made the necessary plans and has applied to the Board of Estimate and Apportionment for approval of the plans and for the issue of bonds provided for in the Act.

### BUREAU OF WATER PURVEYOR.

During the quarter new pavements have been laid and completed as follows:

Granite-block Pavements.	Square Yards.
On new up-town streets, payable by local assessments .....	24,449
On streets within the limits of land grants, payable by local assessments .....	1,488
Under the regular annual repavement appropriation .....	64,533
Under the legislative and special repavement appropriations .....	23,685
Total .....	114,155

Asphalt Pavement.	Square Yards.
Under the regular annual repavement appropriation .....	39,114
Under the legislative and special repavement appropriations .....	37,217
Total .....	76,331

Total area of new pavements laid during the quarter, 190,486 square yards.

The Department has as yet been unable to complete the contracts for laying new pavements on the Bowery, and on Park Row, from Sixth street to Ann street and Broadway, which have for more than two years awaited the completion of the Third avenue cable railway construction. It has succeeded, however, in very nearly completing the new Third avenue pavement from Sixth to Fifty-ninth street, and the new West street pavement, from the Battery to Gansevoort street.

In the repairs of pavements an average force of 241 mechanics, 260 laborers, 82 carts and 4 teams has been employed, and the aggregate amount of work accomplished by the repair force is the taking up and relaying of 137,571 square yards of pavement.

In the repairs of water-mains, fire-hydrants and stop-cocks, an average force of 37 mechanics, 94 laborers and 16 carts has been employed, and this force repaired 765 defects in water-mains, 881 defects in fire-hydrants and placed 252 new fire-hydrants in place of old and defective ones.

### OFFICE OF ENGINEER IN CHARGE OF SEWERS.

During the quarter contracts for the construction of new sewers and receiving-basins, and for reconstruction of old sewers, were completed on 20 different streets, and the aggregate quantity of work done under the several contracts is 5,647 lineal feet of new sewers built, and 13 new receiving-basins built. The sewerage system on Manhattan Island now includes 447 miles of sewers, with 5,360 receiving-basins.

At the close of the quarter work was in progress on 36 contracts for the construction of new sewers and sewer-basins.

The following are the principal items and quantities of work done in repairing and cleaning sewers and receiving-basins:

- 1,855 basins and culverts cleaned.
- 25,506 lineal feet of sewers cleaned.
- 124,952 lineal feet of sewers examined.
- 135 lineal feet of new sewer and culvert built.
- 3 new manholes built.
- 96 manholes repaired.
- 44 receiving-basins repaired.
- 21 new manhole heads furnished and placed.
- 63 new manhole covers furnished and placed.
- 12 new granite basin-heads furnished and set.
- 39 new basin covers furnished and placed.
- 5,393 cart-loads of sewer deposits removed.

### BUREAU OF STREET IMPROVEMENTS.

During the quarter seven contracts for regulating and grading streets, and 30 contracts for flagging and reflagging sidewalks were completed. At the close of the quarter work was in progress on 14 regulating and grading contracts.

The following are the aggregate quantities of work done under the several contracts:

- 21,599 cubic yards earth excavated.
- 19,635 cubic yards rock excavated.
- 89,622 cubic yards filling placed in embankments.
- 22,765 lineal feet new curb-stones set.
- 5,584 lineal feet old curb stones reset.
- 152,737 square feet new flagging laid.
- 47,431 square feet old flagging relaid.
- 4,137 cubic yards retaining-wall built.
- 942 lineal feet picket fence built.



## BUREAU OF STREETS AND ROADS.

The following are the principal items of work done in the maintenance and repairs of the macadam roadways under the charge of this Bureau:

- 18,354 square yards macadam roadway resurfaced and repaired.
- 1,502 truck loads of broken stone furnished and used.
- 1,817 truck loads of gravel and gravel screenings furnished and used.
- 329 truck loads of sand furnished and used.
- 350 truck loads of earth furnished and used.

Special effort has been made to improve the condition of the parkways running through the centre of the Western Boulevard by regrading them and seeding them with grass.

In the care and repairs of unpaved roadways in the upper part of the city 8,866 square yards of roadway have been regraded and repaired, and 756 truck loads of surplus material and rubbish removed.

## BUREAU OF LAMPS AND GAS.

The following changes and additions have been made in the gas and electric-light service during the quarter:

- 134 new gas-lamps placed and lighted.
- 57 new electric-lamps placed and lighted.
- 85 old gas-lamps relighted.
- 186 gas-lamps displaced by electric-lamps.
- 3 electric-lamps discontinued.

There are now 20,647 gas-lamps, 1,425 electric-lamps and 152 naphtha-lamps in use on the streets, roads, parks, docks and bridges of the city.

## BUREAU OF REPAIRS AND SUPPLIES.

Although the work on the New Criminal Court Building has several times been delayed and practically suspended on account of differences between the contractors and their employees, and through other causes, the building is now under roof, and a considerable portion of the interior work, plastering, plumbing, heating and ventilating apparatus, etc., has been done.

The New Harlem Court Building is nearly finished, and the Department is now making active preparations to furnish and fit up the interior for the occupancy of the courts and offices which will be located there by the close of this year. The City is now paying a rental of \$13,500 per annum for the premises occupied by the Police Court and the District Civil Court located in Harlem, which expenditure will, therefore, cease with this year.

In the County Court-house the work of altering and reconstructing the heating and ventilating system, and placing automatic appliances to regulate the temperature in the various rooms and corridors has been completed.

The many repairs and improvements made in the older municipal buildings and offices under the care of this Department are too numerous to mention in this report, but are fully itemized in the report of the Superintendent of Repairs and Supplies hereto annexed.

The 15 free floating baths were closed on September 16 and thereafter towed to their winter quarters in Gowanus Bay. The total individual attendance at all the baths during the bathing season was 4,859,841, of which 3,234,394 were males and 1,625,447 females.

## BUREAU OF INCUMBRANCES.

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

1,073 complaints of obstructions received and attended to.

- 567 seizures and removals of obstructions made.
- 230 dead and dangerous shade trees and stumps removed.
- 429 cart-loads of stone and other refuse material removed.
- 48 telegraph poles removed.
- 215 miles of electric wires removed.
- 1,714 permits issued to place building materials on streets.
- 222 miscellaneous permits issued.

## BUREAU OF WATER REGISTER.

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

For water rents .....	\$1,311,716 96
For penalties on water rents .....	2,846 50
For permits to tap water pipes .....	3,297 50
Total .....	\$1,317,860 96

## MISCELLANEOUS REVENUE.

The following revenue from miscellaneous sources has been collected and paid into the City Treasury during the quarter:

For sewer permits .....	\$6,435 11
For vault permits .....	32,099 98
For redemption of street obstructions .....	295 05
For use of road rollers .....	28 50
For articles sold at auction .....	196 65
For work and material furnished citizens .....	2,043 52
For restoration of pavements over street openings .....	17,589 00
For furnishing and setting water-meters .....	2,300 54
Total .....	\$60,988 35

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

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

Very respectfully,

THOS. F. GILROY, Commissioner of Public Works.

## Document "A."

Showing Titles of Appropriations; Appropriations and Transfers of 1891; Requisitions from January 1, 1891, to July 1, 1892; Requisitions on Liabilities of 1891, during Third Quarter, 1892; Balances of 1891, October 1, 1892; Appropriations with Transfers, 1892; Requisitions, First Six Months, 1892; Requisitions, Third Quarter, 1892; Balances, October 1, 1892; the Titles and Expenditures on Trust and Special Accounts, and Receipts for the First Nine Months, 1892.

TITLES OF APPROPRIATIONS.	APPROPRIATIONS, INCLUDING TRANSFERS, 1891.	REQUISITIONS FROM JANUARY 1, 1891, TO JULY 1, 1892.	REQUISITIONS ON LIABILITIES OF 1891, DURING THIRD QUARTER, 1892.	BALANCES OF 1891 ON OCTOBER 1, 1892.	APPROPRIATIONS WITH TRANSFERS, 1892.	REQUISITIONS, FIRST SIX MONTHS, 1892.	REQUISITIONS, THIRD QUARTER, 1892.	BALANCES, OCTOBER 1, 1892.
Aqueduct—Repairs, Maintenance and Strengthening—								
Care, Maintenance and Repairs .....					\$215,000 00	\$81,883 70	\$54,174 19	\$78,942 11
Care, Maintenance and Repairs, including repairs to Old Aqueduct .....	\$200,000 00	\$199,039 94	\$442 14	\$517 92				
Concrete and Facing with Masonry the Old Central Park Reservoir .....	70,000 00			70,000 00				
Parapet Wall and Railing around the Old Central Park Reservoir .....					4,000 00		3,331 98	668 02
Aqueduct—Repairs, Maintenance and Strengthening—Salaries .....	27,850 00	26,742 45		1,107 55	27,850 00	13,742 98	7,064 82	7,042 20
Boring Examinations for Grading and Sewer Contracts .....	3,600 00	3,599 50		3 50	5,000 00	3,636 00	874 75	489 25
Boulevards, Roads and Avenues, Maintenance of .....	100,800 00	100,432 16		67 84	90,000 00	40,363 43	28,066 11	21,570 46
General Account, including Ramp for Approach to McComb's Dam Bridge .....	40,000 00	39,639 93		360 07				
For Resurfacing Seventh Avenue .....					40,000 00			40,000 00
Boulevards, Roads and Avenues, Maintenance of—Salaries .....	2,500 00	2,499 96		4 04	2,500 00	1,249 98	624 99	625 03
Bronx River Works—Maintenance and Repairs .....	25,000 00	24,957 72		42 28	25,000 00	10,198 34	6,263 59	8,538 07
Bronx River Works—Maintenance and Repairs—Salaries .....	2,400 00	2,400 00			2,400 00	741 38	300 00	1,358 62
Contingencies—Department of Public Works .....	4,000 00	3,912 04	24 71	63 20	4,000 00	1,521 19	852 35	1,626 46
Flagging Sidewalks and Fencing Vacant Lots, etc. ....	5,699 31	5,477 89		221 42	2,000 00	459 50		1,540 50
For New Fire Hydrants .....	50,000 00	23,472 52		26,527 48	5,000 00	2,238 59	899 71	1,861 70
Free Floating Baths—Care and Maintenance .....	18,000 00	17,943 00		57 00	18,000 00	8,636 41	3,614 28	5,749 31
Free Floating Baths—Care and Maintenance—Salaries .....	30,000 00	29,992 50		7 50	30,000 00	7,230 00	17,019 50	5,750 50
Lamps and Gas and Electric Lighting .....	760,000 00	759,699 80		300 20	801,900 00	328,532 02	197,929 23	278,438 75
Lamps and Gas and Electric Lighting—Salaries .....	6,500 00	6,459 05		10 95	6,500 00	3,118 13	1,624 95	1,756 87
Laying Croton Pipes .....	230,290 00	199,269 16	2,040 35	28,980 49	230,290 00	81,152 32	50,880 31	98,257 37
Laying Croton Pipes—Salaries .....	10,710 00	10,941 65		2,768 35	19,710 00	8,922 98	4,683 50	6,103 52
Public Buildings—Construction and Repairs .....	94,900 00	94,277 84	30 00	592 16	107,500 00	22,244 09	29,908 89	55,347 02
Public Drinking-hydrants .....	3,000 00	2,999 04		96	2,000 00	555 40	813 61	630 99
Public Drinking-hydrants—Salaries .....	1,200 00	884 84		315 16	1,200 00	600 00	300 00	300 00
Removing Obstructions in Streets and Avenues—Salaries .....	46,238 99	45,229 20		9 79	42,000 00	21,876 20	8,081 45	12,042 35
Repairing and Renewal of Pipes, Stop-cocks, etc. ....	7,800 00	7,800 00			7,800 00	4,030 00	2,025 00	1,795 00
Repairs and Renewal of Pavements and Regrading .....	221,000 00	220,982 11		17 89	215,000 00	91,623 31	51,730 83	71,645 83
Repairs and Renewal of Pavements and Regrading—Salaries .....	300,000 00	295,283 55	3,843 20	873 25	350,000 00	80,553 06	106,027 16	160,419 78
Repairs and Renewal of Pavements and Regrading—Salaries .....	17,000 00	16,273 50		726 50	17,000 00	7,877 50	4,000 50	5,122 00
Regrading Streets and Avenues .....	350,000 00	189,440 44	3,785 74	156,773 82	348,800 00	44,575 38	157,630 68	146,593 94
Regrading Streets and Avenues—Salaries .....	13,000 00	12,335 75		664 25	13,000 00	4,158 75	4,971 25	3,870 00
Roads, Streets and Avenues Unpaved—Maintenance, etc. ....	30,000 00	29,926 08		73 92	30,000 00	5,156 13	7,563 77	17,260 10
Salaries—Department of Public Works .....	95,000 00	92,110 87		2,889 13	95,000 00	46,887 93	23,695 58	24,416 49
Salaries—Engineers, Clerks, Inspectors, etc. ....	58,000 00	56,874 32		1,125 68	58,000 00	23,168 62	13,845 44	15,985 94
Salaries—Engineers and Inspectors—Regrading, Chapter 346, Laws 1889 .....					10,000 00	9,909 95		90 05
Sewers—Repairing and Cleaning .....	125,000 00	123,619 00	605 00	776 00	115,000 00	53,959 05	31,123 44	29,917 50
Sewers—Repairing and Cleaning—Salaries .....	10,000 00	9,993 92		96 08	10,000 00	4,879 96	2,489 98	2,690 06
Sewerage System—Salaries .....	8,600 00	8,146 17		453 83	8,400 00	4,200 00	2,100 00	2,100 00
Street Improvements—For Surveying, Monumenting, etc. ....	3,000 00	2,444 50		555 50	3,000 00	1,192 00	637 00	1,171 00
Supplies for and Cleaning Public Offices—Salaries .....	139,250 00	138,394 76	97 30	757 94	139,250 00	52,116 13	25,698 42	61,435 45
Supplies for and Cleaning Public Offices—Salaries .....	18,920 00	18,521 59		398 41	18,920 00	9,213 78	4,304 88	5,404 34
Supplying Water to Shipping and for Building Purposes—Salaries .....	10,000 00	9,999 05		95	10,000 00	4,282 50	2,340 00	3,377 50
Surveys, Maps, etc., for Street Openings, etc.—Salaries .....	7,100 00	7,099 92		8 08	7,100 00	3,549 96	1,774 98	1,775 06
Water Supply for the Twenty-fourth Ward .....	3,900 00	3,661 39		238 61	5,000 00	1,164 00	1,346 10	2,189 90
Water Supply for the Twenty-fourth Ward—Salaries .....	1,200 00	1,200 00			1,200 00	600 00	300 00	300 00
Wells and Pumps—Repairing and Cleaning .....	250 00	87 70		162 30	250 00		13 55	236 45
Totals .....	\$3,160,408 30	\$2,851,001 86	\$10,868 44	\$298,538 00	\$3,147,570 00	\$1,097,320 74	\$863,926 77	\$1,186,322 49

NOTE.—Requisitions drawn Third Quarter, 1892, on Liability of 1892—For Advertising for Plans, New Municipal Building, \$43.70; Repaving—Chapter 346, Laws 1892, \$167,651.65; Requisitions drawn Third Quarter, 1892, on Liability of 1889, for Repaving—Chapter 346, Laws 1889, \$586.94; Requisitions drawn Third Quarter, 1892, on Liability of 1890, for Aqueduct—Repairs, etc., Building New Gate-house, \$2,285.66; for Completing Excavation of Old Reservoir, \$11,052; for Laying Croton Pipes, \$6,658.53; for Repairs and Renewal of Pavements, \$619.70; for Street Improvement, for Surveying, \$20; for Repaving—Chapter 346, Laws 1889, \$1,454.44; for Retaining-walls in East Fifty-first street, etc., \$124; Requisitions drawn Third Quarter, 1892, on Liability of 1891, for Repaving—Chapter 346, Laws 1889, \$75,930.80.

TITLES OF TRUST ACCOUNTS.	BALANCES FROM 1891 AND RECEIPTS, FIRST SIX MONTHS, 1892.	RECEIPTS, THIRD QUARTER, 1892.	BALANCES AND RECEIPTS TO OCTOBER 1, 1892.	REQUISITIONS, FIRST SIX MONTHS, 1892.	REQUISITIONS, THIRD QUARTER, 1892.	REQUISITIONS, TO OCTOBER 1, 1892.	BALANCES, OCTOBER 1, 1892.
Croton Water Fund .....				\$79,964 78	\$72,770 12	\$152,734 90	
Street Improvement Fund .....				450,172 90	333,952 30	784,125 20	
Restoring and Repaving—Special Fund—Department of Public Works .....	\$42,348 13	\$17,589 00	\$59,937 13	21,416 48	17,811 86	39,228 37	\$20,708 76
Water Meter Fund, No. 2 .....	29,563 01	2,300 54	31,863 55	11,068 42	4,200 07	15,268 49	16,595 06
Criminal Court-house Fund .....				294,075 99	69,318 00	363,393 99	
Fund for Viaduct, from St. Nicholas place, etc. ....				193,018 53	90,034 78	283,053 31	
Public Building, Twelfth Ward, Construction of .....				40,249 32	688 50	40,937 82	



Statement of General Bookkeeper, D. P. W., showing all Revenues of the City received through the Department of Public Works during the First Nine Months, 1892.

TITLES.	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	TOTAL.	TITLES.	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	TOTAL.
Water rents.....	\$326,940 01	\$762,892 82	\$1,311,716 96	\$2,401,549 79	Use of road rollers.....	\$212 01	\$39 50	\$28 50	\$280 01
Water penalties.....	1,957 05	1,433 85	2,846 50	6,237 40	Sales at auction.....	652 50	1,402 21	196 65	2,251 36
Pipe tapping.....	2,059 00	4,458 50	3,297 50	9,815 00	Work and material furnished citizens.....	4,508 88	263 14	2,043 52	6,820 54
Sewer permits.....	6,038 89	8,575 30	6,435 11	21,049 30					
Vault permits.....	17,141 02	39,278 85	32,099 98	88,519 85	Totals.....	\$360,425 11	\$818,796 92	\$1,358,959 77	\$2,538,181 80
Redemption of street obstructions.....	915 75	447 75	295 05	1,658 55					

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 September 30, 1892.

## Aqueduct—Repairs, Maintenance and Strengthening, 1892—

Blacksmithing.....	\$115 28
Building stone.....	250 00
Cement.....	215 00
Coal.....	7,823 49
Cut stone.....	1,588 14
Hardware supplies.....	534 09
Horse-hire.....	462 50
Limestone screenings.....	210 00
Lumber.....	876 47
Oil.....	610 20
Paint.....	188 78
Pay-rolls.....	41,360 20
Plumbing.....	148 69
Repairs to engines.....	783 41
Sand.....	45 00
Sodding.....	162 90
Sundry supplies.....	382 87
Supply of water from Sing Sing Prison.....	567 00
Taking down and putting up office building.....	220 00
Taxes.....	878 01
Traveling expenses.....	84 14
Total.....	\$57,506 17

## Aqueduct—Repairs, Maintenance and Strengthening, 1891—

Grading and sodding lots, Ninetieth and Ninety-first streets..... \$442 14

## Aqueduct—Repairs, Maintenance and Strengthening, 1890—

Constructing gate-house, One Hundred and Thirty-fifth street and Convent avenue..... \$2,285 66  
Improvement of Old Reservoir in Central Park..... 11,052 00

Total..... \$13,337 66

## Boring Examinations for Grading and Sewer Contracts, 1892—

Pay-rolls..... \$874 75

## Boulevards, Roads and Avenues, Maintenance of, 1892—

Gravel and screenings.....	\$3,866 49
Pay-rolls.....	23,074 06
Rent of lot.....	1,000 00
Repairs to sprinkler.....	28 25
Sundry supplies.....	63 56
Telephone service.....	33 75
Total.....	\$28,066 11

## Bronx River Works—Maintenance and Repairs, 1892—

Blacksmithing.....	\$19 45
Pay-rolls.....	5,906 00
Portland cement.....	125 00
Taxes.....	212 24
Total.....	\$6,262 69

## Contingencies—Department of Public Works, 1892—

Analyzing asphalt.....	\$17 05
Centigraph.....	15 00
Horse-hire.....	270 00
Postage stamps.....	132 10
Miscellaneous incidental expenses.....	400 00
Traveling expenses.....	18 20
Total.....	\$852 35

## Contingencies—Department of Public Works, 1891—

Repairing typewriters..... \$24 71

## For New Fire-hydrants, 1892—

Placing hydrants..... \$899 71

## For Advertising, etc., 1892—

Advertising water rates..... \$43 70

## Free Floating Baths—Care and Maintenance, 1892—

Bath supplies.....	\$192 37
Guard rails.....	339 00
Horse-hire.....	105 68
Pay-rolls.....	273 00
Recovering anchors.....	325 00
Sundry supplies.....	69 99
Towing baths.....	645 00
Traveling expenses.....	101 24
Wharfage.....	1,563 00
Total.....	\$3,614 28

## Lamps and Gas and Electric Lighting, 1892—

Boulevard globes.....	\$324 00
Fire-alarm signal lamps.....	253 00
Gas examinations.....	471 00
Glass street signs.....	548 01
Horse-hire.....	546 00
Lamp-posts.....	3,617 96
Lettering street signs.....	75 00
Lighting offices.....	8,508 41
Lighting streets.....	180,387 88
Pay-rolls.....	804 00
Repairing gas-holder.....	526 72
Repairing metal-signs.....	57 75
Rent of photometrical rooms.....	240 00
Street lamps.....	1,517 40
Traveling expenses.....	52 10
Total.....	\$197,929 23

## Laying Croton Pipes, 1892—

Horse-hire.....	\$270 00
Laying water-pipes.....	41,798 25
Pay-rolls.....	3,924 44
Stop-cocks.....	4,666 95
Traveling expenses.....	220 67
Total.....	\$50,880 31

## Laying Croton Pipes, 1891—

Laying water-pipes..... \$2,040 35

## Laying Croton Pipes, 1890—

Laying water-pipes..... \$6,658 53

## Public Buildings—Construction and Repairs, 1892—

Armory, Eighth Regiment.....	\$1,501 87
" Seventh Regiment.....	716 48
" Seventy-first Regiment.....	378 37
" Sixty-ninth Regiment.....	210 16
" Twenty-second Regiment.....	80 96
" Troop "A".....	29 01
Bureau of Repairs and Supplies.....	741 96
Brown-stone Building.....	442 15
City Hall.....	2,457 67
Court, First District Civil.....	7 17
" Second ".....	6 81
" Third ".....	171 02
" Fifth ".....	7 23
" Tenth ".....	34 52
Court, First District Police.....	7 36
" Fourth ".....	16 00
Court House, County.....	3,821 79
Hall of Records.....	1,015 09
Ludlow Street Jail.....	207 13
Market, Catharine.....	25 00
" Centre.....	196 55
" Clinton.....	15 75
" Essex.....	259 49
" Fulton.....	272 05
" Jefferson.....	136 26
" Tompkins.....	68 25
" Washington.....	1,884 69
" West Washington.....	6,285 00
Old Arsenal.....	1,512 10
Pay-rolls.....	3,984 25
Stewart Building.....	4 20
Tombs.....	1,958 10
No. 27 Chambers street.....	8 36
No. 31 Chambers street.....	160 95
No. 49 Beekman street.....	101 00
No. 220 Fourth avenue.....	995 00
Foot of East Sixteenth street.....	22 85
Foot of Livingston street.....	7 29
One Hundred and Nineteenth street and St. Nicholas avenue.....	150 50
No. 427 East Eighty-seventh street.....	8 50
Total.....	\$29,908 89

## Public Buildings—Construction and Repairs, 1891—

Tompkins Market..... \$30 00

## Public Drinking-hydrants, 1892—

Drinking-hydrants.....	\$297 30
Repairing hydrants.....	516 31
Total.....	\$813 61

## Removing Obstructions in Streets and Avenues, 1892—

Horse-hire.....	\$270 00
Pay-rolls.....	1,513 00
Removing obstructions.....	977 80
Removing poles and wire.....	4,318 50
Removing trees.....	815 50
Traveling expenses.....	186 65
Total.....	\$8,081 45

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

Changing taps.....	\$73 15
Coke and wood.....	125 00
Composition plugs.....	86 00
Hardware supplies.....	548 45
Horse-hire.....	270 00
Lead.....	875 88
Lead pipe.....	112 45
Lumber.....	195 30
Nash water-meters.....	850 00
Oil.....	83 26
Pay-rolls.....	46,311 40
Repairing fire-hydrants.....	345 75
Repairing pavement.....	88 55
Stop-cocks, hydrants, etc.....	1,335 06
Sundry supplies.....	172 20
Telephone service.....	168 75
Traveling expenses.....	89 63
Total.....	\$51,730 83

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

Cement (paving).....	\$790 72
" (Rosendale).....	150 00
Cutting granite blocks.....	750 00
Gravel.....	303 20
Hardware supplies.....	26 40
Horse-hire.....	1,075 00
Pay-rolls.....	99,670 47
Repairing pavement.....	24 29
Repairing steam-rollers.....	200 00
Repairing tools.....	864 40
Rent of lot.....	62 50
Sand.....	3,719 01
Sundry supplies.....	224 45



Repairs and Renewal of Pavements and Regrading, 1892—	
Traveling expenses.....	\$256 72
Tar-kettles.....	640 00
Wood.....	270 00
Total.....	\$109,027 16
Repairs and Renewal of Pavements, etc., 1891—	
Bridge-stones.....	\$3,843 20
Repairs and Renewal of Pavements, etc., 1890—	
Relaying pavements.....	\$619 70
Repaving Streets and Avenues, 1892—	
Eighth avenue, between Hudson and Thirteenth streets.....	\$20,995 66
Eldridge street, between Division and Houston streets.....	30,037 00
Fifth avenue, between One Hundred and Tenth and One Hundred and Twentieth streets.....	10,726 58
Fifth street, between Avenues B and C.....	6,056 19
Houston street, from Bowery to Eldridge street.....	23,754 50
Houston street, between Eldridge and Ludlow streets.....	8,161 13
Lispenard street, between Division and Houston streets.....	29,145 72
Lispenard street, from Broadway to West Broadway.....	16,968 00
Third street, from Broadway to Sixth avenue.....	11,785 90
Total.....	\$157,630 68
Repaving Streets and Avenues, 1891—	
Desbrosses street, between Washington and Greenwich streets.....	\$62 44
Dover street, between Pearl and South streets.....	318 98
First avenue, between One Hundred and Ninth and One Hundred and Sixteenth streets.....	1,894 82
One Hundred and Twenty-fourth street, between Pleasant and Fourth avenues.....	1,226 20
One Hundred and Twenty-fourth street, between Mount Morris and Lexington avenues.....	283 30
Total.....	\$3,785 74
Repaving (Chapter 35, Laws of 1892), 1892—	
Beaver street, between Whitehall and Pearl streets.....	\$9,024 75
Broome street, between Bowery and Lewis streets.....	23,789 50
Chrystie street, between Division and Grand streets.....	21,372 40
Division street, between Catharine and Pitt streets.....	16,674 00
Forty-second street, between Third and Eighth avenues.....	14,208 60
One Hundred and Twenty-third street, between Lenox and Seventh avenues.....	6,870 84
Rivington street, between Bowery and Cannon streets.....	31,351 60
Spring street, between Hudson and Clark streets.....	31,263 17
Horse-hire.....	270 00
Pay-rolls.....	12,781 19
Traveling expenses.....	59 60
Total.....	\$167,651 65
Repaving (Chapter 346, Laws of 1889), 1891—	
Grand street, between Broadway and Goerck street.....	\$2,683 98
Lexington avenue, between Thirty-second and Thirty-fourth streets.....	2,032 34
Third avenue, between Twenty-third and Fifty-ninth streets.....	67,788 00
Twenty-third street, between Third and Tenth avenues.....	3,426 48
Total.....	\$75,930 80
Repaving (Chapter 346, Laws of 1889), 1890—	
Eighth avenue, between Thirteenth and Thirty-fourth streets.....	\$500 00
Eighth avenue, between Thirty-fourth and Fifty-ninth streets.....	954 44
Total.....	\$1,454 44
Repaving (Chapter 346, Laws of 1889), 1889—	
Lexington avenue, between Twenty-first and Ninety-sixth streets.....	\$586 94
Retaining-wall in East Fifty-first and East Forty-second streets, 1890—	
Pay-rolls.....	\$124 00
Roads, Streets and Avenues, Unpaved, Maintenance of, and Sprinkling, 1892—	
Hardware supplies.....	\$20 75
Horse hire.....	270 00
Pay-rolls.....	7,165 26
Steel casting.....	107 76
Total.....	\$7,563 77
Sewers—Repairing and Cleaning, 1892—	
Basin heads.....	\$258 00
Cement.....	50 00
Cleaning sewers.....	3,672 45
Earthen pipe.....	25 50
Horse hire.....	540 00
Laying pipe.....	199 00
Manhole heads and covers.....	1,270 29
Pay-rolls.....	22,575 24
Repairing instruments.....	39 75
Repairing tools.....	12 60
Repairing sewers.....	1,709 40
Resetting stoop of house.....	150 00
Sand.....	75 00
Scale.....	62 67
Sundry supplies.....	25 64
Traveling expenses.....	457 90
Total.....	\$31,123 44
Sewers—Repairing and Cleaning, 1891—	
Repairing sewers.....	\$317 25
Tools.....	287 75
Total.....	\$605 00
Street Improvements—For Surveying, Monumenting, etc., 1892—	
1 New York City map.....	\$52 00
Pay-rolls.....	585 00
Total.....	\$637 00
Street Improvements—For Surveying, Monumenting, etc., 1890—	
Removing and resetting monuments.....	\$20 00
Supplies for and Cleaning Public Offices, 1892—	
Bureau of Repairs and Supplies.....	\$3,020 82
Brown-stone Building.....	18 00
City Hall.....	172 17
Court, First District Civil.....	35 10
“ Second “.....	27 60
“ Third “.....	7 50
“ Fifth “.....	9 00
“ Sixth “.....	7 50
“ Seventh “.....	40 50
“ Second District Police.....	59 00
“ Fourth “.....	9 00
“ Common Pleas.....	222 50
“ General Sessions.....	30 00

Supplies for and Cleaning Public Offices, 1892—	
Court, Superior.....	\$365 07
“ Supreme.....	15 00
Court-house, County.....	42 40
“ Seventh District.....	27 54
Market, West Washington.....	62 50
Office, Attorney for the Collection of Personal Taxes.....	16 00
“ Board of Aldermen.....	15 00
“ Board of Assessors.....	7 50
“ Board of Police Justices.....	52 50
“ Charities and Correction.....	184 50
“ City Record.....	10 50
“ Civil Service Boards.....	10 00
“ Commissioner of Accounts.....	7 50
“ Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards.....	15 00
“ Corporation Attorney.....	7 50
“ Corporation Counsel.....	30 00
“ Coroner.....	13 00
“ County Clerk.....	10 50
“ Department of Finance.....	241 11
“ Department of Buildings.....	869 43
“ Public Works.....	196 90
“ District Attorney.....	83 50
“ Fire Department.....	57 50
“ Mayor.....	51 00
“ Mayor's Marshal.....	7 50
“ Public Administrator.....	10 00
“ Register.....	25 00
“ Sheriff.....	17 50
“ Surrogate.....	10 00
“ Pay-rolls.....	19,578 28
Total.....	\$25,698 42

Supplies for and Cleaning Public Offices, 1891—	
Bureau of Repairs and Supplies.....	\$97 30
Water Supply for the Twenty-fourth Ward, 1892—	
Supply of water.....	\$1,346 10
Wells and Pumps—Repairing and Cleaning, 1892—	
Repairing pump and cleaning out well No. 19 Lawrence street.....	\$13 55

## RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening, 1892.....	\$57,506 17
Aqueduct—Repairs, Maintenance and Strengthening, 1891.....	442 14
Aqueduct—Repairs, Maintenance and Strengthening, 1890.....	13,337 66
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	7,064 82
Boring Examinations for Grading and Sewer Contracts, 1892.....	874 75
Boulevards, Roads and Avenues, 1892.....	28,066 11
Boulevards, Roads and Avenues—Salaries.....	624 99
Bronx River Works—Maintenance and Repairs, 1892.....	6,262 69
Bronx River Works—Maintenance and Repairs—Salaries.....	300 00
Contingencies—Department of Public Works, 1892.....	852 35
Contingencies—Department of Public Works, 1891.....	24 71
For New Fire-hydrants, 1892.....	899 71
For Advertising, etc., 1892.....	43 70
Free Floating Baths—Care and Maintenance, 1892.....	3,614 28
Free Floating Baths—Care and Maintenance—Salaries.....	17,019 50
Lamps and Gas and Electric Lighting, 1892.....	197,929 23
Lamps and Gas and Electric Lighting—Salaries.....	1,624 95
Laying Croton-pipes, 1892.....	50,880 31
Laying Croton-pipes, 1891.....	2,040 35
Laying Croton-pipes, 1890.....	6,658 53
Laying Croton-pipes—Salaries.....	4,683 50
Public Buildings—Construction and Repairs, 1892.....	29,908 89
Public Buildings—Construction and Repairs, 1891.....	30 00
Public Drinking Hydrants, 1892.....	813 61
Public Drinking Hydrants—Salaries.....	300 00
Removing Obstructions in Streets and Avenues, 1892.....	8,081 45
Removing Obstructions in Streets and Avenues—Salaries.....	2,025 00
Repairing and Renewal of Pipes, Stop-cocks, etc., 1892.....	51,730 83
Repairs and Renewal of Pavements and Regrading, 1892.....	109,027 16
Repairs and Renewal of Pavements and Regrading, 1891.....	3,843 20
Repairs and Renewal of Pavements and Regrading, 1890.....	619 70
Repairs and Renewal of Pavements and Regrading—Salaries.....	4,000 50
Repaving—(Chapter 35, Laws of 1892), 1892.....	167,651 65
Repaving—(Chapter 346, Laws of 1889), 1891.....	75,930 80
Repaving—(Chapter 346, Laws of 1889), 1890.....	1,454 44
Repaving—(Chapter 346, Laws of 1889), 1889.....	586 94
Repaving Streets and Avenues, 1892.....	157,630 68
Repaving Streets and Avenues, 1891.....	3,785 74
Repaving Streets and Avenues—Salaries.....	4,971 25
Retaining-wall in East Fifty-first and East Forty-second Streets, 1890.....	124 00
Roads, Streets and Avenues Unpaved, 1892.....	7,563 77
Sewers—Repairing and Cleaning, 1892.....	31,123 44
Sewers—Repairing and Cleaning, 1891.....	605 00
Sewers—Repairing and Cleaning—Salaries.....	2,489 98
Sewerage System—Salaries.....	2,100 00
Street Improvements—For Surveying, Monumenting, etc., 1892.....	637 00
Street Improvements—For Surveying, Monumenting, etc., 1890.....	20 00
Supplies for and Cleaning Public Offices, 1892.....	25,698 42
Supplies for and Cleaning Public Offices, 1891.....	97 30
Supplies for and Cleaning Public Offices—Salaries.....	4,304 88
Salaries—Department of Public Works.....	23,695 58
Salaries of Engineer, Clerk and Inspectors.....	13,845 44
Supplying Water to Shipping and for Building Purposes—Salaries.....	2,340 00
Surveys, Maps, etc., for Street Openings and New Streets—Salaries.....	1,774 98
Water Supply for the Twenty-fourth Ward, 1892.....	1,346 10
Water Supply for the Twenty-fourth Ward—Salaries.....	300 00
Wells and Pumps—Repairing and Cleaning, 1892.....	13 55
Total.....	\$1,141,221 73

## TRUST ACCOUNTS.

Croton Water Fund—	
Clerical services.....	\$625 00
Drawing materials.....	76 61
Horse-hire.....	678 00
Official Searches.....	3,764 30
Pay-rolls.....	19,405 35
Professional services.....	3,988 50
Rent of offices, Stewart Building.....	500 00
Reservoir, near Amawalk.....	41,101 20
Reservoir and dam, Byram river.....	1,354 82
Repairing instruments.....	12 60
Sundry supplies, etc., for Surveying, Monumenting, etc., 1890.....	173 00
Traveling expenses.....	1,090 74
Total.....	\$72,770 12
Criminal Court-house Fund—	
Carpenter work.....	\$9,630 00
Heating and ventilation.....	11,475 00
Mason work.....	45,630 00
Plumbing, gas-fitting and drainage.....	750 00
Pay-rolls.....	1,833 00
Total.....	\$69,318 00



Fund for Viaduct from St. Nicholas place, etc.—	
Pay-rolls.....	\$1,201 62
Professional services.....	3,416 66
Work on contract.....	85,416 50
Total.....	\$90,034 78
Public Buildings, Twelfth Ward, Construction of—	
Pay-rolls.....	\$688 50
Restoring and Repaving—Special Fund—	
Cement.....	\$150 00
Pay-rolls.....	9,504 25
Repairing asphalt pavement.....	1,092 64
Restoring pavement.....	7,065 00
Total.....	\$17,811 89
Street Improvement Fund—	
Curbing and flagging.....	\$42,341 64
Fencing.....	363 25
Paving and crosswalks.....	75,092 82
Pay-rolls.....	23,499 73
Regulating, grading, etc.....	69,641 88
Sewers.....	116,610 67
Surveying.....	5,802 31
Total.....	\$333,952 30
Water Meter Fund, No. 2—	
Setting meters.....	\$2,740 07
Water meters.....	1,460 00
Total.....	\$4,200 07

## RECAPITULATION OF FUNDS.

Croton Water Fund.....	\$72,770 12
Criminal Court-house Fund.....	69,318 00
Fund for Viaduct from St. Nicholas place, etc.....	90,034 78
Public Buildings, Twelfth Ward, Construction of.....	688 50
Restoring and Repaving—Special Fund.....	17,811 89
Street Improvement Fund.....	333,952 30
Water Meter Fund, No. 2.....	4,200 07
Total.....	\$588,775 66

## Document "C."

## STATEMENT OF CONTRACTS.

Contracts Entered Into during the Three Months ending September 30, 1892.

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
<i>Sewer and Receiving-basin Contracts.</i>		
Sewer in One Hundred and Forty-seventh street, between Boulevard and Amsterdam avenue.....	George Connolly.....	\$6,656 50
Sewer in Twelfth avenue, between Fifth and Fifty-second streets, etc.....	Terence A. Smith.....	10,237 00
Sewer in One Hundred and Eighth street, between Manhattan avenue and Central Park, West.....	McLoughlin & McGrath.....	1,266 00
Sewer in One Hundred and Thirty-eighth street, between Hamilton place and Amsterdam avenue.....	Thomas Murray.....	4,805 22
Sewer in One Hundred and Thirty-ninth street, between Hamilton place and Amsterdam avenue.....	E. S. Van Aiken.....	3,646 00
Sewer in One Hundred and Forty-fourth street, between Boulevard and Amsterdam avenue.....	".....	3,986 25
Sewer in One Hundred and Eighth street, between Boulevard and Amsterdam avenue.....	John Madden.....	3,023 35
Sewer in One Hundred and Forty-seventh street, between Hudson river and Boulevard.....	John Slattery.....	4,860 00
Sewer in Amsterdam avenue, west side, between One Hundred and Seventy-third street and 316½ 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.....	Del Genovese & Towle.....	40,659 00
Sewer in One Hundred and Sixth street, between West End and Riverside avenues.....	John Slattery.....	4,967 00
Sewer in One Hundred and Seventh street, between Riverside avenue and Boulevard.....	".....	5,002 04
Sewer in One Hundred and Ninth street, between Manhattan and Columbus avenues.....	".....	3,730 00
Sewer in One Hundred and Seventh street, between Manhattan and Amsterdam avenues.....	McLoughlin & McGrath.....	5,889 25
Sewer in One Hundred and Ninth street, between Manhattan avenue and Central Park, West.....	".....	1,254 00
Alteration and improvement to sewer in Third street, between East river and Goerck street.....	Terence A. Smith.....	5,475 00
Sewer in Thirtieth 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 Thirtieth avenues.....	William F. Cunningham.....	13,972 50
Sewer in Columbus avenue, between One Hundred and Fourth and One Hundred and Fifth streets.....	Patrick Casey.....	2,448 00
Sewer in Columbus avenue, between One Hundred and Eighth and One Hundred and Tenth streets, and in One Hundred and Eighth street, between Columbus and Amsterdam avenues.....	Patrick McInerney.....	12,758 00
Receiving-basins on northwest corner of One Hundred and Twenty-third street and northeast, northwest and southeast corners of One Hundred and Twenty-fourth street and Seventh avenue.....	John Kenny.....	853 50
Receiving-basin on northwest corner One Hundred and Twenty-third street and Lenox avenue.....	".....	225 12
		\$135,713 73
<i>Regulating, Grading, Curbing and Flagging Contracts.</i>		
Regulating, grading, etc., One Hundred and Twenty-seventh street, from Boulevard to Manhattan street.....	J. J. Hopper.....	\$1,383 10
Regulating, grading, etc., One Hundred and Sixtieth street, from Eleventh avenue to Kingsbridge road.....	James Flanagan.....	7,185 50
Flagging, etc., Ninety-ninth street, from Second to Third avenue.....	Thomas Callanan.....	1,309 02
Flagging, etc., One Hundred and Third street, north side, from First avenue to 500 feet west.....	".....	815 00
Flagging, etc., Thirty-fifth street, from Eleventh avenue to North river.....	Joseph J. Haiduven.....	1,932 67
Flagging, etc., One Hundred and Fourth street, south side, from Madison to Fifth avenue.....	A. E. Moran.....	450 89
Flagging, etc., One Hundred and Tenth street, from First to Second avenue.....	".....	813 40
Flagging, etc., north side, One Hundred and Seventy-fifth street, from Kingsbridge road to Eleventh avenue.....	Thomas J. Dunn.....	160 00
Flagging, etc., south side, Seventy-fifth street, from Second to Third avenue.....	".....	229 50
Flagging, etc., in front of Nos. 328 and 330 West Fortieth street.....	P. Hardiman.....	102 70
Flagging, etc., in front of Nos. 86 and 88 Vandam street.....	".....	131 28
		\$14,533 06
<i>Paving Contracts—Assessment Work.</i>		
Paving One Hundred and Fifteenth street, from Avenue A to Harlem river.....	P. H. McCullagh.....	\$3,191 90
Paving One Hundred and Sixteenth street, from Avenue A to Harlem river.....	".....	5,961 69
Paving One Hundred and Twenty-first street, from Avenue A to Harlem river.....	".....	2,464 63
Paving Seventy-third street, from Avenue A to East river.....	".....	9,414 00
Paving Ninety-eighth street, from First to Second avenue.....	".....	6,152 40
Paving One Hundred and Forty-second street, from Eighth to Bradhurst avenue.....	".....	2,734 83

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
Paving One Hundred and Forty-third street, from Eighth to Bradhurst avenue.....	P. H. McCullagh.....	\$2,493 83
Paving One Hundred and Forty-third street, from Amsterdam avenue to Boulevard.....	".....	6,976 40
Paving Washington street, from Battery place to Chambers street (within land grants).....	Thomas Gearty.....	12,923 07
Paving Warren street, from Greenwich to West street (within land grants).....	".....	7,723 00
Paving Liberty street, from Greenwich to West street (within land grants).....	".....	2,605 69
Paving Dey street, from Greenwich to West street (within land grants).....	".....	3,074 91
Paving Murray street, from Greenwich to West street (within land grants).....	".....	6,269 90
Paving Cedar street, from Greenwich to West street (within land grants).....	".....	1,325 00
Paving Morris street, from Greenwich to West street (within land grants).....	".....	728 98
Paving Rector street, from Greenwich to West street (within land grants).....	".....	2,125 60
Paving Barclay street, from Greenwich to West street (within land grants).....	James A. Gearty.....	4,785 30
Laying crosswalks across Avenue St. Nicholas at north side of One Hundred and Twenty-third street, and 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.....	Thomas Callanan.....	1,042 61
Laying crosswalks across Kingsbridge road at north and south sides of One Hundred and Seventy-fifth street, Fort Washington Depot road, and One Hundred and Eighty-first street, and across Amsterdam avenue, at north and south sides of One Hundred and Seventy-fifth street.....	D. McGrath.....	1,123 43
Laying crosswalk across Thirtieth street, west side of Tenth avenue.....	George F. Swift.....	129 74
Laying crosswalks across Columbus avenue at south side of One Hundred and Twenty-fourth street, One Hundred and Twenty-fourth street at east side of Columbus avenue, and Hancock place at east side of Columbus avenue.....	D. McGrath.....	370 71
Laying crosswalk across Tenth avenue, at south side of Thirtieth street.....	".....	102 61
		\$83,720 23
<i>Repaving Contracts.</i>		
Repaving Broadway, from Thirty-second to Thirty-fifth street, and Fourteenth street, from Third to Fourth avenue.....	James Pollock.....	\$29,506 60
Repaving Tenth street, from Second avenue to Avenue A, Thirty-seventh street, from First to Third avenue, and Thirty-eighth street, from Park to Lexington avenue.....	Sicilian Asphalt Paving Co.....	38,295 60
Repaving Elm street, from Grand to Broome street.....	Michael Fitzgerald.....	2,128 00
Repaving Washington street, from Battery place to Murray street (not within land grants).....	Thomas Gearty.....	46,705 50
Repaving Warren street, from Greenwich to West street (not within land grants).....	".....	806 85
Repaving Liberty street, from Greenwich to Washington street (not within land grants).....	".....	3,271 30
Repaving Dey street, from Greenwich to West street (not within land grants).....	".....	8,444 00
Repaving Murray street, from Greenwich to West street (not within land grants).....	".....	2,106 80
Repaving Cedar street, from Greenwich to West street (not within land grants).....	".....	4,681 55
Repaving Battery place, from Greenwich to West street (not within land grants).....	".....	25,409 00
Repaving Park place, from Greenwich to West street (not within land grants).....	".....	71 00
Repaving Barclay street, from Greenwich to West street (not within land grants).....	James A. Gearty.....	2,540 00
Repaving Rector street, from Greenwich to Washington street (not within land grants).....	Thomas Gearty.....	1,876 75
Repaving Morris street, from Greenwich street to 102 feet east of West street (not within land grants).....	".....	1,945 75
Resurfacing Sixth (or Lenox) avenue, from One Hundred and Tenth to One Hundred and Forty-fifth street.....	Charles H. Babcock.....	35,509 80
		\$210,276 40
<i>Fencing Contracts.</i>		
Fencing vacant lots on north side of One Hundred and Fifteenth street, from Fifth to Lenox avenue.....	Patrick Hardiman.....	\$103 75
Fencing vacant lots on north side of Eighty-ninth street, from West End avenue to Riverside Drive.....	".....	57 25
Fencing vacant lots on west side of Madison avenue, from One Hundred and Fourth to One Hundred and Fifth street.....	John S. Dingwall.....	59 39
Fencing vacant lots on block bounded by Ninety-second and Ninety-third streets, First avenue and Avenue A.....	".....	251 06
		\$471 45
<i>Laying Water-mains Contracts.</i>		
Laying mains in Lexington, Vanderbilt, Amsterdam, Kingsbridge and Terrace View avenues; in Sixty-fourth, Ninety-sixth, One Hundred and Forty-fourth, One Hundred and Fifty-fifth, One Hundred and Fifty-sixth and Inwood streets and in Kingsbridge road.....	Martin Lipps.....	\$3,780 00
Laying mains in One Hundred and Third street, between Second and Fifth avenues.....	".....	31,347 00
Relaying mains in Webster, Washington, Morris and Railroad avenues, and in One Hundred and Thirty-ninth, One Hundred and Forty-sixth, One Hundred and Fifty-second, One Hundred and Sixty-third, One Hundred and Sixty-ninth and One Hundred and Seventieth streets.....	".....	2,505 00
		\$37,632 00
<i>Miscellaneous Contracts.</i>		
Painting the exterior of Washington Market.....	William Minnick.....	\$1,689 00
Repairing Clinton Market.....	R. H. Casey.....	2,293 00
Furnishing coping-stone at south side of Old Reservoir, Central Park.....	Walter J. Ford.....	3,525 00
		\$7,507 00

## RECAPITULATION.

20 Sewer and Receiving-basin Contracts.....	\$135,713 73
11 Regulating, Grading, Curbing and Flagging Contracts.....	14,533 06
22 Paving Contracts—Assessment Work.....	83,720 23
15 Repaving Contracts.....	210,276 40
4 Fencing Contracts.....	471 45
3 Laying Water-main Contracts.....	37,632 00
3 Miscellaneous Contracts.....	7,507 00
78 Contracts.....	\$489,853 87

## Contracts Completed.

NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
<i>Sewer and Receiving-basin Contracts.</i>		
Sewer.....	In Thirty-third street, between Lexington and Fourth avenues	\$2,826 46
"	In One Hundred and Seventeenth street, between Fifth and Madison avenues.....	5,536 00
"	In Avenue B, west side, between Eighty-eighth and Eighty-ninth streets, and in Eighty-eighth street, between Avenue B and summit west.....	"
"	In Ninety-first street, between Harlem river and Avenue A.....	3,424 40
"	In One Hundred and Seventieth street, between Tenth avenue and Kingsbridge road, and in Kingsbridge road, between One Hundred and Seventieth and One Hundred and Seventy-third streets.....	989 62
"	In One Hundred and Forty-fifth street, north side, between Eighth and Edgecombe avenues.....	17,504 29
"	In Boulevard, west side, and West End avenue, between One Hundred and Fifth and One Hundred and Eighth streets, etc.....	1,798 40
		17,165 50



NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
Sewer .....	One Hundred and Twenty-second street, between Boulevard and Claremont avenue, and in Claremont avenue, between One Hundred and Nineteenth and One Hundred and Twenty-second streets.....	\$11,258 50
Receiving-basin .....	Southwest corner of One Hundred and Seventeenth street, and southwest and southeast corners of One Hundred and Eighteenth street and Fifth avenue.....	781 00
" .....	Southwest corners of One Hundred and Eleventh, One Hundred and Twelfth, and One Hundred and Thirteenth streets and Fifth avenue.....	590 00
" .....	Southwest and southeast corners of One Hundred and Fourteenth street, and southeast corner One Hundred and Sixteenth street and Fifth avenue.....	566 33
" .....	Southwest corner of One Hundred and Tenth street and Madison avenue.....	187 50
" .....	Southwest corner of Ryder's Alley and Fulton street, and southwest corner of Dutch and Fulton streets.....	389 50
" .....	Northeast corner of Duane and Caroline streets.....	183 25
" .....	Southeast corner of Baxter and Walker streets.....	182 00
" .....	South-east corners of One Hundred and Eleventh, One Hundred and Twelfth and One Hundred and Thirteenth streets and Fifth avenue.....	571 66
" .....	Southwest corner of Park in Broadway, between Thirty-second and Thirty-third streets.....	216 00
		\$63,970 41
<i>Regulating, Grading, Curbing, Flagging, etc., Contracts.</i>		
Regulating, grading, etc. ....	One Hundred and Sixth street, from Boulevard to Riverside Drive.....	\$6,857 65
" .....	One Hundred and Twenty-seventh street, from St. Nicholas avenue to Lawrence street.....	3,767 00
" .....	Avenue B, from Eighty-sixth street to Harlem river.....	4,361 65
" .....	One Hundred and Sixty-ninth street, from Amsterdam to Eleventh avenue.....	4,424 20
" .....	Manhattan street, from Twelfth avenue to Hudson river.....	293 43
" .....	One Hundred and Thirty-second street, from Boulevard to Twelfth avenue.....	3,799 67
" .....	One Hundred and Sixty-fifth street, from Eleventh avenue to Boulevard.....	25,564 85
Flagging, etc. ....	First avenue, east side, between One Hundred and Fifth and One Hundred and Sixth streets, and south side of One Hundred and Sixth street, from First avenue to East river.....	443 24
" .....	Tenth avenue, east side, between Thirtieth and Thirty-first streets.....	401 08
" .....	In front of Nos. 341, 343 and 345 East One Hundred and Fifth street.....	132 00
" .....	Seventh avenue, east side, between Thirty-sixth and Thirty-seventh streets.....	1,334 90
" .....	Thirty-fourth street, from Tenth avenue to North river.....	5,583 14
" .....	One Hundred and Forty-first street, south side, from St. Nicholas to Convent avenue.....	139 33
" .....	Seventy-eighth street, south side, from Amsterdam avenue to Boulevard.....	321 66
" .....	Park avenue, east side, from Ninety-sixth to One Hundred and Second street.....	1,476 23
" .....	Eighty-eighth street, from Central Park, West, to Boulevard.....	4,652 50
" .....	Ninety-ninth street, from Second to Third avenue.....	745 25
" .....	Eight avenue, east side, from One Hundred and Thirty-third to One Hundred and Thirty-fourth street.....	467 62
" .....	Eight avenue, west side, from One Hundred and Eleventh to One Hundred and Twelfth street.....	512 71
" .....	Madison avenue, east side, south of One Hundred and Seventh street.....	182 86
" .....	Southwest corner of One Hundred and Seventeenth street and Second avenue.....	453 65
" .....	One Hundred and Fifteenth street, from Fifth to Lenox avenue.....	573 64
" .....	One Hundred and Fifteenth street, from Lenox to St. Nicholas avenue.....	602 84
" .....	Sixty-fifth street, from Central Park, West, to Columbus avenue.....	274 35
" .....	St. Nicholas avenue, west side, from One Hundred and Seventeenth to One Hundred and Nineteenth street, and One Hundred and Seventeenth street, from Eighth to St. Nicholas avenue.....	863 11
" .....	Seventh avenue, west side, between One Hundred and Thirtieth and One Hundred and Thirty-first streets, and One Hundred and Thirty-first street, west of Seventh avenue.....	235 69
" .....	One Hundred and Forty-first street, south side, from Eighth to Edgecombe avenue.....	184 52
" .....	Thirty-fourth street, north side, from Eighth to Ninth avenue.....	1,377 57
" .....	One Hundred and Forty-first street, from Edgecombe to St. Nicholas avenue.....	174 02
		\$70,200 36
<i>Paving and Repaving Contracts.</i>		
Paving .....	One Hundred and Twenty-second street, from Avenue A to Harlem river.....	\$1,721 46
" .....	Edgecombe avenue, from One Hundred and Thirty-eighth to One Hundred and Forty-fifth street.....	22,920 75
" .....	Houston street, from Eldridge to Ludlow street, and Fifth avenue at intersection of Eighth street.....	11,688 75
" .....	Fifth street, from Avenue B to Avenue C.....	8,651 69
" .....	One Hundred and First street, from Third to Lexington avenue.....	3,305 95
" .....	Ninety-first street, from First to Second avenue.....	5,224 83
" .....	Bradhurst avenue, from One Hundred and Forty-second to One Hundred and Forty-fifth street.....	7,184 88
" .....	One Hundred and Seventeenth street, from Madison to Fifth avenue.....	3,161 96
" .....	One Hundred and Thirty-first street, from Twelfth avenue to Boulevard.....	6,065 46
" .....	Eight avenue, from Hudson to Thirtieth street.....	22,122 14
" .....	Fifth avenue, from One Hundred and Tenth to One Hundred and Twentieth street; One Hundred and Twentieth street, from Fifth to Lenox avenue, and One Hundred and Twenty-third street, from Mount Morris to Lenox avenue.....	62,073 68
" .....	Ludlow street, from Division to Houston street.....	41,636 73
" .....	Spring street, from Hudson to Clark street; Dominick street, from Hudson to Clark street, and Second street from Bowery to Avenue A.....	44,661 66
" .....	One Hundred and Thirty-third street, from Broadway to Amsterdam avenue.....	4,457 76
" .....	Lispenard street, from Broadway to West Broadway, and Park place, from Broadway to Greenwich street.....	26,041 16
" .....	Eldridge street, from Division to Houston street.....	45,432 87
" .....	Rivington street, from Bowery to Cannon street.....	49,419 86
		\$325,771 59
<i>Fencing Contracts.</i>		
Fencing vacant lots.....	On block bounded by Avenue A, First avenue, Ninetieth and Ninety-first streets.....	\$222 00
" .....	On north side of Hancock place, between St. Nicholas and Columbus avenues.....	64 78
		\$286 78
<i>Miscellaneous Contracts.</i>		
Connecting new Gate-house at One Hundred and Thirty-fifth street and Convent avenue with Old Aqueduct at Tenth avenue.....		\$9,977 05
Taking down and removing Old Arsenal Building.....		1,500 00
Painting the exterior of Washington Market.....		1,689 00
Repairs to porch on Centre street front of Tombs.....		1,945 00
Repairs and alterations to rooms of Superior and Circuit Courts in New Court-house.....		685 00
Furnishing 12,000 lineal feet of bridge-stone.....		5,608 71
Furnishing 1,500 cubic yards of gravel and 7,000 cubic yards of screenings.....		9,946 75
Alterations to buildings in West Washington Market.....		6,135 00
Furnishing cut stone at Old Reservoir, Central Park.....		3,999 76
		\$41,490 27
<b>RECAPITULATION.</b>		
17 Sewer and Receiving-basin Contracts.....		\$63,970 41
29 Regulating, Grading, Curbing and Flagging Contracts.....		70,200 36
17 Paving and Repaving Contracts.....		325,771 59
2 Fencing Contracts.....		286 78
9 Miscellaneous Contracts.....		41,490 27
74 Contracts.....		\$501,719 41

Document "D."

REPORT OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

DEPARTMENT OF PUBLIC WORKS,  
OFFICE OF CHIEF ENGINEER, No. 31 CHAMBERS STREET, ROOM 10,  
NEW YORK, October 10, 1892.

THOS. F. GILROY, Esq., *Commissioner of Public Works* :

DEAR SIR—I respectfully submit the following report of this Bureau for the quarter ending September 30, 1892.

EXPENDITURES.

Aqueduct—Repairs, Maintenance and Strengthening .....	\$52,128 56
Aqueduct—Repairs, Maintenance and Strengthening—Salaries .....	7,064 82
Aqueduct—Repairs, Maintenance and Strengthening and Completing .....	11,052 00
Aqueduct—Repairs, Maintenance and Strengthening—Parapet-wall .....	3,999 76
Aqueduct—Repairs, Maintenance and Strengthening—New Gate-house .....	2,285 66
Bronx River Works—Maintenance and Repairs .....	6,262 69
Bronx River Works—Maintenance and Repairs—Salaries .....	300 00
Croton Water Fund .....	72,259 12
Fund for Viaduct .....	90,034 78
For New Fire Hydrants .....	899 71
Laying Croton-pipes .....	62,015 21
Laying Croton-pipes—Salaries .....	4,683 50
Repairing and Renewal of Pipes, etc. ....	13,819 59
Salaries—Engineers and Clerks .....	3,833 53
Water Meter Fund No. 2 .....	4,200 07
Water Supply for Twenty-fourth Ward .....	1,346 10

Total..... \$336,185 10

STORAGE RESERVOIRS.

During the last quarter the Croton river has only furnished a full supply to the Aqueduct for three days.

Storage has been drawn as follows :

	Gallons.
Boyd's Corners Reservoir .....	900,000,000
Middle Branch Reservoir .....	1,500,000,000
East Branch Reservoir .....	3,500,000,000
Kirk Lake .....	400,000,000
Barrett Pond .....	100,000,000

Total..... 6,400,000,000

There is at present in the storage reservoirs and lakes 12,400 millions of gallons of water available.

Rain-fall—Inches.

	JULY.	AUGUST.	SEPTEMBER.	TOTAL.
Boyd's Corners Reservoir .....	5.05	6.22	2.65	13.92
South East Reservoir .....	6.06	5.93	2.04	14.03
Kensico Reservoir .....	3.52	4.19	1.70	9.41
Croton Dam .....	4.64	5.19	2.18	12.01
Central Park Reservoir .....	3.20	3.76	1.11	8.07

The Commissioners appointed to appraise the value of the balance of lands required for Reservoir "A" have made their report to the Court.

The work on Reservoir "A" has been steadily prosecuted.

Surveys have been continued for land required for Reservoir "D" at Carmel.

Surveys have been commenced on the East Branch of the Croton river, below the reservoirs, and along Tonetta Brook, for the acquisition of land on each side of same necessary to be controlled by the City to stop the defilement of the water, under the Rules and Regulations of the State Board of Health.

The following nuisances in the Croton water-shed have been removed :

Carmel, N. Y.—Lake Glencida.

No.	OWNER.	NATURE AND DESCRIPTION OF WORK.
1	C. H. Minor .....	All garbage that would burn was burned on premises, the remainder (3 cart loads) carted away.
2	D. Lockwood .....	All garbage removed from shore and 3 loads carted away ; covered shore with lime, also put one barrel of lime at mouth of house drain in lake.
3	Mrs. A. Merritt .....	Removed garbage from premises ; used lime where pile garbage was.
4	Mrs. E. Fisher .....	" " " "
5	Mrs. T. R. Ganong .....	" " " "
6	" .....	" " " "
7	John Taylor .....	" " " "
8	George B. Calhoun .....	Chicken yard cleaned by owner.
9	E. Borel .....	Cleaned privy vault to enable owner to make repairs.
10	Joseph Smith .....	Cleaned privy vault and disinfected with lime.
11	District School House .....	" " " "
12	Mrs. A. Merritt .....	Cleaned shore, burned brush, weeds, etc.; removed 47 loads garbage, etc.
13	F. Fisher .....	Cleaned privy vault and built new water-tight one; set building and graded approach; removed 2 loads garbage.
14	Mrs. A. Merritt .....	Removed wooden box and contents, built new water-tight vault, set building, etc.; removed 4 loads garbage.
15	B. S. Palmer, lessee .....	Cleaned shore, removed nuisances, and disinfected premises.
16	Mrs. A. Merritt .....	Cleaned old vault, and built new water-tight vault, set privy, etc.
17	" .....	Cleaned rubbish from shore, and burned old straw beds, etc.
18	Milk factory .....	Cleaned 2 old vaults, built new water-tight one, set privy, etc.
19	Mrs. A. Merritt .....	Cleaned and cleaned shore of rubbish and disinfected.
20	J. Smith .....	Cleaned old vault and built new water-tight one; cleaned pig-pen and disinfected.
21	M. Malone .....	Cleaned old vault and built new water-tight one; pig-pen and barn not used now.
22	J. Shields .....	Cleaned stonework of old vault; covered with lime and fresh earth; built new water-tight vault and privy building, and removed 14 loads of manure from lake shore.
23	Charles Barrett .....	Cleaned old vaults and built new water-tight one; removed hog-pen and 2 loads of filth.
24	Cornish Estate .....	Beds, bedding and carpet taken from water, dried and burned.

Michael Brook.

26	J. Tompkins .....	Cleaned old vault; filled with earth; built water-tight vault, etc.
27	B. C. Ganun .....	Cleaned old vault; filled with earth; built water-tight vault, etc., and removed 1 load of garbage.
28	William Norris .....	Cleaned old vault, built water-tight one, and removed 1 load garbage.
29	J. Griffen .....	Cleaned manure away; disinfected and cleaned banks of stream.

Small Brook near Reservoir

30	G. M. Hughson .....	Cleaned old vault and filled with earth; built new vault 150 feet from brook, and removed 1 load garbage.
31	W. Larson .....	Cleaned old vault and filled with earth; building set 70 feet from receiving dry vault.
32	Tilly Foster Mine .....	Cleaned old vault and filled with earth; building set 80 feet from receiving dry vault. Work done by Tilly Foster Mine Company.
33	" .....	Cleaned old vault and filled with earth; building set 150 feet from receiving box vault. Work done by Tilly Foster Mine Company.

Outlet Long Pond.

34	Ben Secord .....	Cleaned old vault and filled with earth; built new water-tight vault 80 feet from stream and removed 4 loads garbage.
35	B. G. Beal .....	Cleaned old vaults and filled with earth; built dry-wall vault 80 feet from stream; removed 1 load garbage and took down hog-pen.
36	Ben Secord .....	Filled in old vault and disinfected; built water-tight vault 35 feet from mill pond; removed 1 load garbage.



No.	OWNER.	NATURE AND DESCRIPTION OF WORK.
<i>Outlet—Lake Mahopac.</i>		
37	C. L. Austin.....	Cleaned old vault; built new dry-wall vault 75 feet from outlet.
38	M. Agor.....	Cleaned old vault; owner built new box vault and moved building 60 feet from brook.
39	J. H. Badeau.....	Cleaned old water-tight vault and found it in good condition.
<i>Lake Mahopac.</i>		
40	Unknown (northwest shore of lake).....	Rubbish, etc., taken from lake and piled where it can be burned.
41	Mr. Tilden.....	Privy cleaned out and moved by owner 150 feet from lake.
42	E. J. Herrick.....	Removed 11 wagon-loads garbage from edge of lake.
43	L. W. Ballard.....	Removed 2 wagon-loads garbage; owner had privy-box cleaned.
44	E. Ransom.....	Removed 2 wagon-loads garbage; cleaned garbage vault and filled it up.
45	E. Clark.....	Privy, between road and lake, closed since September 1, 1892; 56 loads manure removed; 2 box vaults cleaned out.
<i>Branch Brook—Mahopac Village.</i>		
46	L. Wright.....	Cleaned out vault; filled and disinfected and built new dry-wall vault.
47	L. Welspiel.....	Cleaned out vault; filled and disinfected and built new water-tight vault.
48	O. Gumpert.....	Cleaned out vault; built water-tight vault; shut off drain from vault to brook; removed 28 loads manure, and removed all filth between buildings and brook.
49	T. Tenaughty.....	Cleaned out old vault and built new water-tight one; removed filth and shut off drain.
50	T. Ganong.....	Cleaned out old vault and built new water-tight one; removed filth and shut off drain.
51	George Agor.....	Cleaned out old vault and built new water-tight one; removed filth and shut off drain, and removed 26 loads manure and refuse from butcher-shop.
52	J. Noonan.....	Cleaned old vault and built new water-tight one; cleaned premises; 1 load of manure.
53	S. Buckbee.....	Cleaned out box in privy and replaced it; cleaned bank of brook on premises.
54	Edge highway.....	Removed 2 loads of garbage.
55	James Wright.....	Removed privy, 50 feet dry stone vault; cleaned and filled old vault.
56	School District No. 40.....	" " " " " "
57	Emalina Ganong.....	Removed privy; 50 feet dry stone vault; cleaned where old walls stood; used lime.

<i>Somers Centre.</i>		
1	A. Flood.....	Removed privy; dug and stoned pit.
2	George Ruxer.....	Removed privy; dug and stoned pit and filled old pit.
3	Harvey Voris.....	Removed and cleaned hog-pen.
4	Walter Palmer.....	Removed privy and hog-pen and dug and stoned pit.
5	George Agor.....	Cleaned out slaughter-house and removed 24 loads of bones and butchers' offal; this is on headwaters of Plane Brook and a very bad nuisance; it will ultimately be necessary to remove it and replace it.
<i>Muscoot River.</i>		
6	Nelson Bros.....	Removing workmen's "Latrine."
7	".....	Removing manure and garbage from cow houses and stables, and also at saw-mill and several places on river bank; pig-pen removed.
<i>Dreuxville.</i>		
8	James Kelly, Esq.....	Cleaning out large pig-pen and removing manure and garbage.
9	E. C. Cousins.....	Cleaning privy and removing manure.
10	Misses Wood.....	Removing privy and cemented vault.

<i>Croton Valley—Amarwalk.</i>		
1	Joseph Barlow.....	Removed privy and dug a new one.
2	New York City.....	" " " "
3	Mr. West.....	" " " "
4	Mr. Irish.....	" " " "

<i>Mount Kisco.</i>		
1	Mrs. Hatter.....	Privy vault cleaned and removed; cemented vault built.
2	B. Travis Estate.....	Privy vault cleaned and removed; cemented vault built; old vault filled in; premises cleaned of filth, garbage, etc., and filled in.
3	Carpenter & Pelton.....	Privy cleaned and removed; cemented vault built; old vault filled and premises cleaned.
4	Branch Brook.....	800 feet of same cleaned of garbage, muck, weeds, etc., and carted away.
5	Zopher Carpenter Estate.....	Dry wall cesspool with tile drain into same built for laundry.
6	".....	Privy cleaned and removed; 2 water-tight boxes (wooden) furnished for same; old vault filled in; 1 barrel cesspool with cover sunk by same.
7	A. Ferris.....	Privy cleaned; 2 wooden boxes furnished for same; 1 barrel cesspool sunk.
8	".....	Hog-pen abolished.
9	".....	Rear of stable cleaned of filth, etc.; ditch filled in; stable drainage removed.
10	L. Wolf.....	Privy cleaned and furnished with wooden box.
11	".....	Rear of stable cleaned and filled in; stable drainage removed.
12	Benjamin Mead.....	Privy cleaned; wooden box put in; old vault filled in.
13	George McTavey.....	Privy cleaned; wooden box furnished; 1 barrel cesspool sunk; old vault filled in.
14	".....	Hog-pen abolished.
15	Sutton Estate.....	Privy cleaned; wooden box put in.
16	".....	Privy cleaned; wooden box put in; 2 barrel cesspools sunk; old vaults filled in.
17	Ed. Cox.....	Privy cleaned; wooden box furnished; 1 barrel cesspool sunk; old vault filled in.
18	Sutton Estate.....	Privy cleaned; wooden box furnished.
19	".....	Privy cleaned; wooden box furnished; 1 barrel cesspool sunk; old vaults filled in.
20	Moger Estate.....	Privy cleaned; wooden box furnished.
21	".....	Privy cleaned; wooden box furnished; 2 barrel cesspools sunk; old vaults filled in.
22	".....	Privy cleaned; wooden box put in; 1 barrel cesspool sunk; old vault filled in.
23	Crane.....	Old privy vault cleaned and filled in; abolished.
24	D. F. Gorham.....	Privy cleaned; wooden box furnished; old vault filled in.
25	Marshall.....	Privy cleaned; wooden box furnished; old vault filled in; 1 barrel cesspool sunk.
26	Moger Estate.....	Privy cleaned; wooden box furnished; old vault filled in; 1 barrel cesspool sunk.
27	R. Boehmer.....	Privy cleaned; wooden box furnished; old vault filled in.
28	".....	Manure removed; premises filled in.
29	George Briggs, Jr.....	Privy cleaned; wooden box furnished; old vault filled in.
30	Mrs. Lynch.....	" " " "
31	Slosson Estate.....	Privy cleaned; wooden box furnished; old vault filled in; 1 barrel cesspool sunk.
32	Burnett.....	Privy cleaned; wooden box put in; old vault filled in.
33	August Webber.....	Privy cleaned; wooden box furnished.
34	".....	Hog-pen abolished.
35	George Briggs.....	Privy cleaned; wooden box furnished; old vault filled in.
36	Grinewald.....	Privy cleaned and removed; wooden box furnished; premises filled in.
37	Walter Osborne.....	Privy cleaned; wooden box furnished.
38	P. Fitzgerald.....	Privy cleaned; wooden box furnished; 1 barrel cesspool sunk.
39	Mrs. Malone.....	Privy cleaned and removed; wooden box put in.
40	".....	Privy removed.
41	".....	House drainage removed; ditch and drain filled in; 1 barrel cesspool sunk; new ditch dug for spring overflow.
42	Mrs. Foley.....	Privy cleaned; wooden box furnished; old vault filled; 1 barrel cesspool sunk.
43	Dr. Wall.....	Privy cleaned; wooden box furnished.
44	".....	House drainage removed; 2 barrel cesspools sunk; ditch filled in.
45	Sutton Estate.....	Privy cleaned and removed; wooden box furnished; 1 barrel cesspool sunk; old vault filled in.
46	".....	Privy cleaned; wooden box furnished; 1 barrel cesspool sunk; old vault filled in.
47	District School.....	Privy removed and cleaned; cemented vault built.
48	".....	Privy removed and cleaned; cemented vault built; premises filled in; walls of vaults protected by earth filling.
49	A. A. Saries.....	Privy vault cleaned and filled in; abolished.
50	".....	Privy vault cleaned; wooden box furnished; old vault filled in; 1 barrel cesspool sunk.
51	".....	Hog-pen abolished.
52	Rostinoski.....	Privy cleaned; wooden box furnished; 1 barrel cesspool sunk.

<i>Kirbyville.</i>		
53	Mr. Tripp.....	Privy cleaned; moved; cemented vault built; old vault filled in.
54	Mrs. Fallon.....	" " " "
55	P. C. Archer.....	Privy cleaned; removed; cemented vault built.
56	".....	Privy cleaned; abolished.
57	L. Wolf.....	Privy cleaned and removed; cemented vault built; old vault filled in.
58	".....	300 feet of Kisco brook cleaned of garbage; filth, weeds, etc., carted away.

No.	OWNER.	NATURE AND DESCRIPTION OF WORK.
<i>Town of Bedford.</i>		
59	Finch Estate.....	Privy cleaned; removed; dry vault built; old vault filled in.
60	Charles Dickson.....	" " " "
61	Cyrus Cutlar.....	Privy removed; wooden box put in.
<i>Bedford Station.</i>		
62	Charles Archer.....	Privy cleaned; removed; dry vault built; old vault filled in.
63	O'Brien Estate.....	" " " "
64	".....	Privy cleaned; dry vault built.
<i>Town of New Castle.</i>		
65	J. L. Elliott.....	Privy cleaned; removed; dry vault built; old vault filled in.
66	Symonson.....	Privy cleaned; wooden box put in.
<i>Town of Yorktown.</i>		
67	L. Chadeayne.....	Privy cleaned; removed; old vault filled in.
68	".....	2 wooden tanks sunk to catch barnyard drainage.
69	L. Baker.....	Privy cleaned; removed; premises cleaned, etc.
70	Gilbert Tompkins.....	Privy cleaned; removed.
71	George Hyde.....	Manure removed.
<i>Pines Bridge.</i>		
72	".....	House drainage removed; filth, etc., on bank of small brook cleared and carted away.
73	".....	Privy cleaned.
74	Parsonage.....	Manure removed.

<i>Brewsters.</i>		
1	Christian Wimmer.....	Removed and replaced privy; built cemented vault.
2	Mrs. E. C. Howes.....	" " " "
3	James B. Fagan.....	" " " "
4	William Thomas.....	" " " "
5	Miss E. Clark.....	" " " "
6	Henry Loosce.....	" " " "
7	James D. Baxter.....	Slaughter-house cleaned; 40 loads of manure removed, and 10 loads of garbage.
8	Fire Department.....	Dam cleaned and whitewashed; 40 loads of garbage taken out.
9	A. F. Lobdell.....	50 loads garbage taken away.
10	A. B. Marvin Estate.....	60 " " "
11	Tonetta Brook.....	Cleaned out all garbage and lime thrown along bank for 800 feet.
12	John Shenton.....	Removed and replaced privy; built cemented vault.
13	Ryder Bros.....	75 loads manure removed.
<i>Thomasville.</i>		
14	William Thomas.....	Removed and replaced privy; built cemented vault.
15	".....	" " " "
16	".....	" " " "
17	".....	" " " "
18	".....	Cleaned and filled vault; building to be used for other purposes.
19	".....	Removed hog-pen; removed 10 loads of manure.
20	".....	Removed chicken-roost; removed 4 loads of manure.
21	".....	25 loads of manure removed from bank of river.
22	".....	40 loads of garbage removed from back of house.
23	Henry Dale.....	Removed and replaced closet; cemented vault.
24	".....	Removed and replaced privy; built cemented vault.
25	Clarence Mead.....	" " " "
26	Mrs. G. Mead.....	" " " "

<i>Near Sodom Dam.</i>		
27	Daniel Stephen.....	Removed and replaced privy; cemented vault.
28	".....	Removed and replaced hog-pen; removed 40 loads garbage.
29	".....	50 loads cow manure removed.
30	A. P. Budd.....	Removed and replaced privy; cemented vault.
<i>Milltown.</i>		
31	District School, No. 2.....	Removed and replaced privy; cemented vault.
32	".....	" " " "
33	Charles Boyce.....	Cleaned privy.
<i>Dreuxville.</i>		
34	Miss E. Woods.....	Removed and replaced privy; wooden box used.
35	George Kniffen.....	Removed and replaced privy; cemented vault used.
36	".....	Cleaned out brook back of barn.

<i>Purdy's.</i>		
1	Milk factory and others.....	Limed and cleaned up Titicus river.
2	Eli Reynolds.....	Removed privy; new vault.
3	John Candall.....	Removed and rebuilt pig-pen.
4	Edward Brady.....	Whitewashed and disinfected cow-shed.
5	".....	Removed privy; stoned and disinfected.
6	John Martin.....	Removed urinating closet.
7	".....	Cleaned Titicus river, from road bridge to Somers road bridge; disinfected with lime all along the river; removed manure pile of John Candall; burying same after disinfected with lime, also disinfected cow-stable of E. Brady and removed and rebuilt a pig-pen.
<i>Croton Falls.</i>		
8	John Purdy.....	Removed privy; built new vault with stone.
9	Mr. Whitlock.....	Cleaned up slaughter-house.
10	Mrs. Ganning.....	Removed privy; making new box.
11	Mr. Gibson.....	" " " "
12	James P. Tompkins.....	Built new privy and new box.
13	Michael Lully.....	Removed privy; new stone vault.
14	Mr. Ryder.....	Removed privy; new earth vault.
15	Mr. Ettlinger.....	Removed privy; new wooden vault.
16	John Casey.....	Removed and made new privy house and box.
17	".....	Removed manure pile near river.
18	A. B. Whitlock.....	Removed manure pile and garbage on banks and disinfected with lime.
19	Mr. Ettlinger.....	Removed garbage and old tin pipes and old slop dumps; collecting and burying same.
20	George Butler.....	Removed all garbage and burying same.
21	Edward Butler.....	Removed privy and built new one.
22	John Frank.....	Removed old garbage; burying same.
<i>North Salem.</i>		
23	Edward Cole.....	Removed privy; closed old vault.
24	R. A. Stoors.....	Removed privy; built new vault with stone.
25	".....	Removed 4 privies, new house and stone vault.
26	Benjamin Lobdell.....	Removed manure pile and garbage.
27	Charles Fisher.....	Removed manure pile.
28	Edward Cole.....	Removed manure and ash pile.
29	Stebbins Quick.....	Cleaned up garbage dump.
30	John June.....	Removed garbage and hen dump on stream.
31	Jerry Birdsall.....	Removed manure and garbage pile.

<i>Cross River.</i>		
32	Frank Reynolds.....	Removed privy; new stone vault.
33	Parsonage.....	Removed old privy; closed old vault.
34	Mr. Pullens.....	Cleaned up slaughter-house and disinfected with lime.

<i>Katonah.</i>		
1	Alfred Asing.....	Cleaning privy and casting away contents; removed privy and put in cement vault.
2	A. B. Whitlock.....	Cleaning out brook; carting away material and disinfected; removed 6 loads manure.
3	Seth Hoyt.....	Cleaning privy and casting away contents and removing garbage; removed privy and replaced with cement vault.



No.	OWNER.	NATURE AND DESCRIPTION OF WORK.
4	Ferdinand Gregory.....	Removed privy and replaced by cement vault; cleaning out privy and casting away contents and removing garbage.
5	Estate of D. Silkman.....	Cleaning out privy and casting away contents; built mason wall at back.
6	George Miller.....	Cutting bushes, grass and weeds overhanging the banks of Cross river.
7	Mrs. Travis.....	Removed manure and garbage (3 loads).
8	.....	Cleaning alleys, gutters, river banks, etc., in the village and disinfecting the same.
Golden's Bridge.		
9	E. Brady.....	Cleaning out privy; casting away contents; filling up old vault and removing house and disinfecting.
10	Mrs. M. Keating.....	Cleaning out privy; removing it to new cemented vault and removing garbage.
11	Frank R. Quick.....	Cleaning out privy and disinfecting same.

## BRONX RIVER SUPPLY.

The conduit, reservoirs, embankments, roadways, etc., have been kept in order during the quarter.

An uninterrupted supply of 8,000,000 gallons per day has been furnished to the city.

The survey of lands necessary on Byram river and Byram pond have been continued.

The work on the contract for connecting the waters of Byram and Bronx rivers is being prosecuted very slowly.

Storage has been drawn from—

Kensico Reservoir.....	Gallons.
Rye Ponds Reservoir.....	230,000,000
	510,000,000

Total..... 740,000,000

The rainfall during the quarter having been light, the supply from this watershed is small, taking into consideration the increased use during the warm and dry weather.

## NEW AQUEDUCT.

The New Aqueduct has furnished a continuous supply during the quarter, except from August 29 to September 3, and from September 12 to 17, when the water was shut off to make connections at Shaft 24 with new blow-off to the Harlem river.

## AQUEDUCT REPAIRS AND MAINTENANCE.

One contract for furnishing Ashler stone has been completed and one contract for coping stone has been entered into.

Work on the excavation of the Old Reservoir in Central Park has been prosecuted vigorously. The Aqueduct was shut off for repairs on September 29, 1892.

## Work Done during the Quarter ending September 30, 1892.

DIVISION.	Earth Excavated, Cubic Yards.	Stone Quarried, Cubic Yards.	Dry Masonry, Cubic Yards.	Fence Built, Lineal Feet.	Fence Repaired, Lineal Feet.	Filling and Grading, Cubic Yards.	Sodding, Square Yards.	Flagging, Square Feet.	Concrete Masonry, Cubic Yards.	Brick Masonry, Cubic Yards.	Fence Painted, Lineal Feet.	Pointing, Square Feet.	Fence Posts Set.	Drain Pipe Laid, Lineal Feet.	Cut Stone Set, Lineal Feet.
First.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Second.....	.....	.....	6	660	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Third.....	93	125	93	224	50	.....	.....	.....	.....	.....	1,110	.....	.....	.....	.....
Fourth.....	600	.....	35	626	1,600	.....	.....	.....	.....	.....	600	.....	.....	.....	.....
Fifth.....	.....	.....	8	500	500	438	240	16	5	5	300	.....	.....	42	.....
Sixth.....	.....	.....	.....	530	788	.....	.....	.....	.....	.....	.....	.....	.....	127	.....
Seventh.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,000	.....	.....	.....	.....
Eighth.....	750	10,700	.....	.....	.....	.....	.....	.....	.....	.....	3,800	.....	.....	.....	580
Totals.....	1,443	10,825	142	2,540	2,938	438	240	16	5	5	8,810	600	127	42	580

The regular maintenance of the Aqueduct has been continued as usual during the quarter, such as the care of dam, lake, gate-houses, machinery and grounds, patrolling Aqueduct property, building and repairing fences.

The particular work on the several divisions has been as follows:

First Division—The work on this division has been cutting brush along line of Old Aqueduct, cleaning up around lake, grading in front of breast wall, finishing wall along highway west of dam, cleaning out and disinfecting privies and moving them from where they were located near running streams; 7 men have been detailed to patrol the lake.

Second Division—The work on this division has been: building portion of stone wall on Potter's bank; built and painted fences on Wood's lot and Acker's bank and on Aqueduct street; pointed up with cement stone work on side walls of File Works arch; cutting brush and cleaning up Aqueduct.

Third Division—The work on this division has been: building retaining-wall on Clark bank, with all the filling and excavation necessary for same; quarrying rock for use in above wall; also, wall built on Butman bank, the same being a drain to conduct brook; building, repairing and painting fences; the entire line cut and cleared of grass, bushes, vines, walls, etc.; the gutters, crosswalks and drains kept clear.

Fourth Division—The work on this division has been: built stone wall near Methodist Church, Dobb's Ferry; pointed culverts between Dobb's Ferry and Irvington; hauling earth from tunnel bank to a point near Keeper's house; building, repairing and painting fences; cutting grass; repairs on banks and crosswalks, culverts, drains and gutters.

Fifth Division—The work on this division has been: building dry wall; laying concrete on Warburton avenue; built brick receiving-basin; laying drain-pipe; laying bluestone flagging; hauling sand; sodding, filling and grading; paving gutters; cutting grass and cleaning up line.

Sixth Division—The work on this division has been: setting fence posts, telephone poles and turnstiles; built new shed; repairing culverts; blasting rock; building and repairing fences; cutting grass and general maintenance.

Seventh Division—The work on this division has been: cleaning approaches to High Bridge, walks, stairs, etc.; the gate-houses have been kept clean and in good order; the walk on the line of Aqueduct, the culverts, drains and fencing have all been kept in the best of condition; cutting grass and keeping the walks free from weeds. The reservoir has had particular attention in keeping it clean; the iron railing around the reservoir and roadway has been painted; painting in Engineer's office building; building addition to Keeper's house, for use as kitchen; hoisting coal; spreading screenings; cleaning and oiling gate-house screens; cutting grass and general maintenance.

Eighth Division—The work on this division has been cleaning and repairs of Central Park and Forty-second street reservoirs, gate-houses, outside mains and blow-offs; cleaning, repairs and maintenance of High Service Works, Ninth and Tenth avenues gate-houses and grounds; planing, oiling and shellacking floor at High Service engine-room; built 12 closets in fire-room at High Service Works; set 580 feet of cut stone on Old Reservoir; painted 3,800 feet picket fence on Old Reservoir; continuing the improvement of the Old Reservoir, Central Park; patrolling Central Park Reservoirs and pipe line.

## LAYING CROTON PIPES.

Contracts for laying water-mains in the following streets and avenues have been completed:

Fourth avenue (east side), between Ninety-fifth and Ninety-seventh streets.

Thirteenth avenue, between Sixteenth and Twenty-third streets.

Twelfth avenue, between Twenty-third and Thirty-eighth streets.

Twenty-eighth street, between Eleventh and Twelfth avenues.

One Hundred and Seventeenth street, between Madison and Fifth avenues.

Madison avenue, between Kingsbridge road and Columbine avenue.

Bathgate avenue, between One Hundred and Eighty-eighth street and Third avenue.

Woodruff street, between Prospect avenue and Southern Boulevard.

Twenty-seventh street, between Eleventh and Twelfth avenues.

Twenty-ninth street, between Eleventh and Twelfth avenues.

Kirkside avenue, between Kingsbridge road and Donnybrook street.

Eighty-eighth street, between Avenues A and B.

Hull avenue, between Scott avenue and Railroad.  
Jerome avenue, between Grand avenue and Clark place.  
Clark place, between Jerome and Sheridan avenues.  
One Hundred and Sixtieth street between Elton and Washington avenues.  
Locust avenue, between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets.  
Walnut avenue, between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets.  
German place, between Westchester avenue and Carr place.  
One Hundred and Forty-first street, between St. Ann's and Beekman avenues.  
Beekman avenue, between One Hundred and Forty-first street and Beach Terrace.  
Beach Terrace, between Beekman and Crimmins avenues.  
Oak Terrace between, Beekman and Crimmins avenues.  
Union street, between Lind and Bremer avenues.  
Bainbridge avenue, between Southern Boulevard and Rosa street.  
Creston avenue, between Donnybrook and Travers streets.  
One Hundred and Fifty-sixth street, between St. Ann's avenue and German place.  
One Hundred and Sixty-ninth street, between Webster and Railroad avenues.  
One contract for laying mains and one contract for furnishing and laying mains have been entered into.

Size.	PIPE LAID DURING QUARTER.	Lineal Feet.
48-inch pipe.....	.....	3,400
36 ".....	.....	700
12 ".....	.....	4,868
6 ".....	.....	15,711
Total.....	.....	24,679

Size.	Stop-cocks Set.	Number.
12-inch.....	.....	6
6 ".....	.....	35
4 ".....	.....	1
Total.....	.....	42

Pattern.	Hydrants Placed.	Number.
"A" hydrants.....	.....	59
No. 1 ".....	.....	4
Total.....	.....	63

## PLACING NEW FIRE-HYDRANTS.

16 double nozzle fire-hydrants, as called for by the Fire Department, have been placed during the quarter.

## ONE HUNDRED AND FIFTY-FIFTH STREET VIADUCT.

All of the iron superstructure has been erected that can be done, awaiting the completion of the abutment of the McComb's Dam Bridge.

The steps and retaining-wall at the west end is two-thirds completed.

The stairs, railing and bituminous concrete under pavement are progressing rapidly.

## RELAYING AND REPLACING WATER-MAINS, ETC.

A gang of men have been steadily employed in replacing mains, services, etc., on the East river, and in the Twenty-third and Twenty-fourth Wards.

A contract has been entered into for relaying water-mains in the Twenty-third and Twenty-fourth Wards where grades have been changed and streets reggraded.

## TAPS.

Number of taps put in during the quarter.....	733
---	-----

## METERS.

Number of meters placed during the quarter.....	822
Number of meters in use June 30, 1892.....	25,743
Total number of meters in use September 30, 1892.....	26,565

## WASTE AND USE OF WATER.

	Gallons.
The daily supply to the city during the quarter has been—	
Through New Aqueduct.....	100,000,000
Through Old Aqueduct.....	62,000,000
Through Bronx River conduit.....	8,000,000
Total daily supply.....	170,000,000

The weather having been warm and dry, a large quantity has been used in sprinkling and flushing the streets, but having plenty of stored water the supply and reservoirs have been kept full.

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, October 1, 1892.

IRON. THOMAS F. GILROY, Commissioner of Public Works:

SIR—I respectfully submit the following as a brief report of the principal transactions of the Bureau of Water Purveyor for the quarter ending September 30, 1892:

## RECEIPTS.

For the construction of vaults.....	\$32,099 98
For labor and materials furnished.....	1,943 52
Total.....	\$34,043 50

## DISBURSEMENTS.

Three hundred and sixty-five vouchers were transmitted and charged as follows:	
Repairs and Renewal of Pavements and Regrading, 1890.....	\$610 70
Repairs and Renewal of Pavements and Regrading, 1891.....	3,843 20
Repairs and Renewal of Pavements and Regrading, 1892.....	107,904 23
Repairs and Renewal of Pavements and Regrading—Salaries, 1892.....	4,000 50
Repaving Streets and Avenues, 1891.....	29,306 17
Repaving Streets and Avenues, 1892.....	166,974 31
Repaving Streets and Avenues—Salaries, 1892.....	4,971 25
Repairing and Renewal of Pipes, Stop-cocks, etc., 1892.....	29,248 76
Public Drinking-hydrants, 1892.....	813 61
Public Drinking-hydrants—Salaries, 1892.....	300 00
Repaving—Chapter 346, Laws of 1889—1889.....	586 94
Repaving—Chapter 346, Laws of 1889—1890.....	1,454 44
Repaving—Chapter 346, Laws of 1889—1891.....	72,504 32
Repaving—Chapter 35, Laws of 1892.....	170,893 96
Street Improvement Fund.....	61,631 70
Restoring and Repaving—Special Fund—Department of Public Works.....	16,891 92
Boulevards, Roads and Avenues, Maintenance of—For Resurfacing Sixth avenue....	49 00
Contingencies—Department of Public Works.....	36 15
Total.....	\$672,030 16

## PERMITS ISSUED.

63 for the construction of vaults.

77 for repairs to vaults.

117 for setting guy posts.



207 for building fires on the streets for roofing purposes, etc.  
19 for repairs to pavements at expense of citizens.  
Under resolutions of the Board of Aldermen, August 11, 1892, to E. S. Stokes to lay a crosswalk across Beaver street in front of No. 7, and to Frederick Kulberg to lay a crosswalk across St. Nicholas avenue in front of No. 231.

## REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The force employed in making repairs to bad places in the pavements averaged as follows:  
In July..... 236 mechanics, 255 laborers, 80 carts, 4 trucks.  
In August..... 237 " 254 " 79 " 4 "  
In September..... 252 " 273 " 85 " 4 "  
137,571 square yards of pavement were taken up and relaid by this force.  
A contract was awarded and the work completed for taking up the old pavement in Elm street, from Grand to Broome street, and repaving with granite blocks furnished by the Department of Public Works. The area thus repaved amounted to 1,138.6 square yards.

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

The force employed in repairing Croton water pipes and mains, fire-hydrants, etc., was as follows:  
In July..... 37 mechanics, 95 laborers, 16 horses and carts.  
In August..... 37 " 94 " 16 "  
In September..... 36 " 95 " 16 "  
The principal work done by this force was as follows:  
252 old fire-hydrants were taken out and new ones put in.  
881 fire-hydrants were repaired.  
765 defects in Croton water-mains and pipes, stop-cocks, etc., were repaired.  
753 square yards of pavement were repaired.

## PUBLIC DRINKING-HYDRANTS.

41 public drinking-hydrants were repaired and 5 new ones were put in at the following locations:  
Southeast corner of Sixth avenue and Fourth street.  
Corner Grand and East streets.  
Corner Broadway and Vesey street.  
Corner Broadway and Canal street.  
In front of No. 230 West Sixty-eighth street.  
Corner of One Hundred and Twenty-second street and Boulevard.

## REPAVING STREETS AND AVENUES.

Work on contracts for repaving the following-named thoroughfares was completed:

## With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Eighth avenue.....	Hudson to Thirteenth street.....	6,138.5	1,057.7
Lispenard street.....	Broadway to West Broadway.....	2,484.7	915.2
Park place.....	Broadway to Greenwich street.....	5,104.8	1,103.0
Third street.....	Broadway to Sixth avenue.....	6,661.3	2,115.2
Third avenue.....	Twenty-third to Fifty-ninth street.....	44,141.4	9,470.0
Total.....		64,533.7	14,661.1

Length in miles, 2.79.

## With Asphalt.

Fifth avenue.....	Circle at One Hundred and Tenth street to One Hundred and Twentieth street.....	11,631.4	2,527.9
One Hundred and Twentieth street.....	Fifth to Lenox avenue.....	3,392.0	1,005.4
One Hundred and Twenty-third street.....	Mount Morris to Lenox avenue.....	1,482.5	448.2
Ludlow street.....	Division to Houston street.....	8,557.1	3,065.4
Fifth street.....	Avenue B to C.....	2,303.4	698.7
Eldridge street.....	Division to Houston street.....	9,340.6	3,413.6
Houston street.....	Eldridge to Ludlow street.....	2,113.8	721.0
Fifth avenue.....	At the intersection of Eighth street.....	293.0	65.9
Total.....		39,113.8	11,946.1

Length in miles, 2.26.

## REPAVING (CHAPTER 346, LAWS 1889).

One contract was completed, viz.:

## With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
West street.....	Battery place to Gansevoort street.....	15,064.6	2,641.2

Length in miles, 0.50.

## REPAVING—(CHAPTER 35, LAWS OF 1892).

Contracts were completed as follows:

## With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Beaver street.....	Whitehall to Pearl street.....	4,231.7	1,393.0
Courtlandt street.....	Broadway to Greenwich street.....	2,084.8	696.0
Liberty street.....	".....	1,932.5	630.0
Church street.....	Vesey to Fulton street.....	371.5	186.0
Total.....		8,620.5	2,905.0

Length in miles, 0.55.

## With Asphalt.

Rivington street.....	Bowery to Cannon street.....	12,002.5	4,208.4
Division street.....	Catharine to Pitt street.....	11,843.4	3,811.3
Cherry street.....	Roosevelt to Catharine street.....	1,813.7	820.0
Spring street.....	Hudson to Clark street.....	2,856.5	787.8
Dominick street.....	".....	2,840.8	783.0
Second street.....	Bowery to Avenue A.....	5,860.5	1,771.3
Total.....		37,217.4	12,181.8

Length in miles, 2.30.

## STREET IMPROVEMENT FUND—(CHAPTER 449, LAWS OF 1889).

Under the above law the work of paving one street was completed, viz.:

## With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Ninth street.....	Avenue D to East river.....	1,488.6	455.2

Length in miles, .086.

## REGULAR ASSESSMENT PAVING.

The following streets were paved for the first time, the work in each case being done under contract:

## With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Ninety-first street.....	First to Second avenue.....	2,223.3	667.0
One Hundred and Thirty-first street.....	Twelfth avenue to Boulevard.....	2,701.6	810.7
One Hundred and First street.....	Third to Lexington avenue.....	1,503.9	452.0
One Hundred and Thirty-third street.....	Broadway to Amsterdam avenue.....	2,008.0	606.5
One Hundred and Twenty-first street.....	Avenue A to Harlem river.....	1,039.2	316.7
Amsterdam avenue.....	One Hundred and Thirtieth to One Hundred and Fortieth street.....	14,973.1	2,635.0
Total.....		24,449.1	5,487.9

Length in miles, 1.39.

## RECAPITULATION.

Showing the amount of new paving works of all kinds fully completed during the quarter.

## With Granite Blocks.

	SQUARE YARDS.	LINEAL FEET.
Repairs and renewal of pavement and regrading.....	1,138.6	382.3
Repaving streets and avenues.....	64,533.7	14,661.1
Repaving, chapter 346, Laws of 1889.....	15,064.6	2,641.2
Repaving, chapter 35, Laws of 1892.....	8,620.5	2,905.0
Chapter 449, Laws of 1889.....	1,488.6	455.2
Street Improvement Fund.....	24,449.1	5,487.9
Total.....	115,295.1	27,132.7

## With Asphalt.

Repaving streets and avenues.....	39,113.8	11,946.1
Repaving, chapter 35, Laws of 1892.....	37,217.4	12,181.8
Total.....	76,331.2	24,127.9
Making a total of granite and asphalt of.....	191,626.3	51,260.6

## STREET OPENINGS.

The following is a summary of the work accomplished under the supervision of the General Inspector of Street Openings:

4,190 openings were made to repair mains other than Croton water-mains, and to make connections and repairs for gas, steam, water, sewer, electric-light and subway service.

570 bad places in the pavements were repaired by corporations and others in compliance with notices sent to do so.

12.49 miles of trench were opened for subways and other electrical appurtenances.

4.14 miles of gas-mains were laid.

Table of areas and mileages of the various kinds of pavement in New York City (south of the Harlem river), September 30, 1892.

KIND OF PAVEMENT.	SQUARE YARDS.	MILES.
Specification granite.....	2,918,856.47	134.77
Square granite.....	665,547.40	25.40
Specification trap.....	1,222,118.43	65.78
Belgian.....	2,240,234.67	90.78
Cobble.....	25,166.54	0.89
Asphalt.....	675,012.66	33.12
Macadam.....	792,529.30	21.44
Total.....	8,539,465.47	372.18

Respectfully,

WM. H. BURKE, 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, October 4, 1892.

Hon. THOMAS F. GILROY, 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 September 30, 1892. 5,647 linear feet of new sewers and 13 receiving-basins connected therewith have been built, making the present total length of the sewerage of the city 2,360,002 linear feet (446.87 miles), with 5,360 receiving-basins, which number includes 22 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.



9 sewer and 22 basin contracts have been completed, viz.:

Sewer in Thirty-third street, between Lexington and Fourth avenues.

Sewer in Ninety-first street, between Harlem river and Avenue A.

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

Sewer in One Hundred and Twenty-second street, between Boulevard and Claremont avenue, and in Clermont avenue, between One Hundred and Nineteenth and One Hundred and Twenty-second streets.

Sewer in One Hundred and Seventieth street, between Tenth avenue and Kingsbridge road, and in Kingsbridge road, east side, between One Hundred and Seventieth and One Hundred and Seventy-third streets.

Sewer in Boulevard, west side, and West End avenue, between One Hundred and Fifth and One Hundred and Eighth streets.

Sewer in Avenue B, west side, between Eighty-eighth and Eighty-ninth streets, and in Eighty-eighth street, between Avenue B and Summit West.

Sewer in Park avenue, east side, between Ninety-fifth and Ninety-sixth streets, etc.

Repairs to sewer in One Hundred and Forty-fifth street, north side, between Eighth and Edgecombe avenues.

Receiving-basin, southwest corner of One Hundred and Tenth street and Madison avenue.

Receiving-basin, southwest corner of One Hundred and Eleventh, One Hundred and Twelfth and One Hundred and Thirteenth streets and Fifth avenue.

Receiving-basin, southeast corner of One Hundred and Eleventh, One Hundred and Twelfth and One Hundred and Thirteenth streets and Fifth avenue.

Receiving-basin, southwest and southeast corners of One Hundred and Fourteenth and southeast corner of One Hundred and Sixteenth streets and Fifth avenue.

Receiving-basin, southwest corner of One Hundred and Seventeenth street and on the southwest and southeast corners of One Hundred and Eighteenth street and Fifth avenue.

Receiving-basin, northwest corner of One Hundred and Twenty-third street and Lenox avenue.

Receiving-basin, northeast corner of Duane and Caroline streets.

Receiving-basin, northwest corner of Ryder's Alley and Fulton street and southwest corner of Dutch and Fulton streets.

Receiving-basin, northwest corner of One Hundred and Twenty-third street and northwest, northeast and southeast corners of One Hundred and Twenty-fourth street and Seventh avenue.

Receiving-basin, southwest corner of Park in Broadway, between Thirty-second and Thirty-third streets.

Alteration and improvement to receiving-basin on the southeast corner of Baxter and Walker streets.

There are now in progress 36 contracts for new sewers.

1,604 receiving-basins and 42,305 linear feet of sewer have been cleaned.

Very 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 SEPTEMBER 30, 1892.

Credit to General Fund—

Amount received for 235 permits for sewer connections..... \$6,284 48

Engineers' Fees—

Amount of Engineers' fees assessed on property benefited and charged to Street Improvement Fund..... \$5,610 68

Sewers—Repairing and Cleaning—

Balance on hand June 30, 1892..... \$60,274 47

Vouchers transmitted to the Commissioner of Public Works—

Pay-roll of Laborers, etc..... \$22,575 24

Cleaning..... 2,945 79

Material and sundries..... 4,835 95

Balance, September 30, 1892..... 29,917 49

60,274 47

Sewers—Repairing and Cleaning for 1891—

Balance on hand, June 30, 1892..... \$2,806 97

Vouchers transmitted to the Commissioner of Public Works—

Sundries..... \$470 25

Balance, September 30, 1892..... 2,336 72

2,806 97

Sewers—Repairing and Cleaning—Salaries—

Balance on hand, June 30, 1892..... \$5,120 04

Vouchers transmitted to the Commissioner of Public Works—

Pay-roll of Inspectors, etc..... \$2,489 98

Balance, September 30, 1892..... 2,630 06

5,120 04

Sewerage System—Salaries—

Balance on hand, June 30, 1892..... \$4,200 00

Vouchers transmitted to the Commissioner of Public Works—

Pay-roll of Engineer, etc..... \$2,100 00

Balance, September 30, 1892..... 2,100 00

4,200 00

Boring Examinations for Grading, etc.—

Balance on hand, June 30, 1892..... \$3,364 00

Vouchers transmitted to the Commissioner of Public Works—

Pay-roll of Axeman, etc..... \$874 75

Balance, September 30, 1892..... 2,489 25

3,364 00

Restoring and Repaving—Special Fund—

Amount received for permits for street openings..... \$12,087 50

Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works—

Pay-roll of Engineers, etc..... \$5,299 98

Pay-roll of Inspectors, etc..... 11,672 75

On contracts..... 112,845 77

\$129,818 50

Work done by Mechanics and Laborers—

251 receiving-basins relieved.

1,604 receiving-basins and culverts cleaned.

22,403 linear feet of sewer cleaned.

3,103 linear feet of sewer relieved.

124,952 linear feet of sewer examined.

13 linear feet of box sewer built.

6 linear feet of new pipe sewer laid.

81 linear feet of new pipe culvert laid.

20 linear feet of brick culvert rebuilt.

15 linear feet of spur pipe laid.

43 linear feet of new curb set.

4 linear feet of curb reset.

4 steam-pipes plugged.

3 new manholes built.

34 receiving-basins repaired.

1 manhole repaired.

95 manhole heads reset.

10 basin heads reset.

12 basin heads and covers put on.

21 manhole heads and covers put on.

42 manhole covers put on.

27 basin covers put on.

672 cubic feet of brickwork built.

325 square feet of flagging relaid.

303 square yards of pavement relaid.

4,908 cubic feet of earth excavated and refilled.

5,395 cart-loads of dirt removed.

42 cart-loads of earth filling.

Statement Showing the Amount of Work Done on Uncompleted Contracts for the Quarter ending September 30, 1892.

DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1891.							
May 25	Sewers in South street, between Market Slip and Montgomery street, connecting with outlet built by the Department of Docks through Pier, new 36, E. R., with curves into Clinton street, etc.	\$36,122 00	\$35,626 00	250	243	....	Completed, but not accepted.
Aug. 3	Alteration and improvement to sewer in Eighteenth street, between East river and Avenue A, connecting with outlet to be built by the Department of Docks; new sewer in Avenue C, between Sixteenth and Eighteenth streets, and connections with existing sewers in Avenue B at Eighteenth street, and in Seventeenth street at Avenue C.	27,547 50	27,459 00	170	170	....	Completed, but not accepted.
Dec. 4	Alteration and improvement to sewer in Eighteenth street, between North river and Tenth avenue, connecting with outlet sewer built by the Department of Docks.	17,363 00	17,226 00	125	120	....	Completed, but not accepted.
1892.							
Feb. 1	Sewers in South street, between Broad and Wall streets, with outlet through Pier 6, East river, and connection with old sewer and overflow at Old Slip.	27,456 00	24,000 00	250	150	100	
Apr. 23	Sewers in West Eleventh street, between North river and West street, with outlet through Pier at West Eleventh street, North river, and sewer in Thirteenth avenue, between West Eleventh and Bethune streets.	16,142 00	12,904 00	200	70	130	
" 25	Alteration and improvement to sewers in 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 West Eleventh street, North river.	10,921 00	9,416 00	125	75	50	
" 23	Alteration and improvement to sewer 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 street, with outlet through Pier at West Twelfth street, North river.	32,890 00	16,025 50	300	120	180	
" 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.	23,986 00	11,618 00	230	110	140	
" 25	Alteration and improvement to sewer in Twenty-fourth street, between East river and First avenue; new sewer in Avenue A, between Twenty-fourth and Twenty-fifth streets, and alteration, etc., to sewer in Twenty-fifth street, between Avenue A and First avenue.	13,745 00	11,000 00	100	80	20	
June 27	Sewer in Twelfth avenue, between Fiftyth and Fifty-second streets, connecting with outlet under pier at Fiftyth street, North river, and connections with existing sewers in Fifty-first and Fifty-second streets.	10,237 00	2,080 00	125	30	95	
Aug. 22	Sewer in Thirteenth avenue east side, between Twentieth and Twenty-third streets, and alterations and improvements to sewers in Twenty-first and Twenty-second streets, between Eleventh and Thirteenth avenues.	13,972 00	2,300 00	190	28	162	
Sept. 10	Alteration, etc., to sewer in Third street, between East river and Goerck street, connecting with sewer built by the Department of Docks.	5,475 00	.....	50	.....	.....	Work just commenced.
1891.							
Dec. 24	Sewer in One Hundred and Sixty-second street, between Amsterdam avenue and Jumel Terrace, and in Jumel Terrace, between One Hundred and Sixtieth and One Hundred and Sixty-second streets.	10,237 66	.....	230	185	45	
1892.							
Feb. 8	Sewer in One Hundred and Forty-eighth street, between Boulevard and Amsterdam avenue, and in Amsterdam avenue, west side, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets.	6,648 00	6,600 00	150	144	....	Completed, but not accepted.
June 27	Sewer in One Hundred and Forty-ninth street, between Boulevard and Amsterdam avenue, and in Amsterdam avenue, west side, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets.	4,701 00	3,510 00	100	70	30	
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	4,595 00	250	122	128	
July 9	Sewer in One Hundred and Thirty-ninth street, between Hamilton place and Amsterdam avenue.	3,646 00	1,272 00	90	59	31	
" 9	Sewer in One Hundred and Forty-fourth street, between Boulevard and Amsterdam avenue.	3,986 25	1,250 00	95	57	38	
" 20	Sewer in One Hundred and Eighth street, between Boulevard and Amsterdam avenue.	3,023 35	1,450 00	70	52	18	
" 20	Sewer in One Hundred and Forty-seventh street, between Hudson river and Boulevard.	4,860 00	4,877 00	60	53	7	Will be completed on time.
" 22	Sewer in One Hundred and Forty-seventh street, between Boulevard and Amsterdam avenue.	6,656 00	1,400 00	180	45	135	
" 25	Sewer in One Hundred and Thirty-eighth street, between Hamilton place and Amsterdam avenue.	4,805 22	180 00	125	42	83	
" 26	Sewer in One Hundred and Eighth street, between Manhattan avenue and Central Park, West.	1,266 00	1,262 00	40	32	....	Completed, but not accepted.
Aug. 30	Sewer in One Hundred and Sixth street, between West End and Riverside avenues.	4,967 00	195 00	100	16	84	
" 30	Sewer in One Hundred and Seventh street, between Riverside avenue and Boulevard.	5,002 04	.....	100	16	84	
" 30	Sewer in One Hundred and Ninth street, between Manhattan and Columbus avenues.	3,730 00	.....	80	14	66	
Sept. 7	Sewer in One Hundred and Seventh street, between Manhattan and Amsterdam avenues.	5,889 25	.....	135	8	127	
" 10	Sewer in One Hundred and Ninth street, between Manhattan avenue and Central Park, West.	1,254 00	.....	35	20	25	



DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1892. Aug. 19	Sewer in Columbus avenue, west side, between One Hundred and Eighth and One Hundred and Tenth street, and in One Hundred and Eighth street, between Columbus and Amsterdam avenues.	\$12,758 00	\$600 00	350	17	323	
" 19	Sewer in Columbus avenue, between One Hundred and Fourth and One Hundred and Fifth streets.	2,448 00	320 00	50	27	23	
" 6	Sewer in Amsterdam avenue, west side, between One Hundred and Seventy-third street and a point about 316½ 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.	40,559 00	.....	900	35	865	
1891. Apr. 24	Sewer in Edgecombe avenue, between One Hundred and Forty-fifth and One Hundred and Fifty-fifth streets.	41,315 00	19,428 00	800	540	260	
Nov. 10	Sewer in First avenue, between Forty-second and Forty-third streets, connecting with present sewer east of First avenue.	5,037 00	4,830 00	140	210	.....	Delayed by rail-road company.
Dec. 2	Alteration, etc., to sewer in Ninety-fifth street, between First and Third avenues, in Second avenue, east and west sides, between Ninety-fifth and Ninety-sixth streets, and curve in Second avenue south of Ninety-fifth street.	22,025 00	17,570 00	200	135	65	
Sept. 11	Sewer in Eighty-eighth street, between Avenue A and summit east.	2,422 50	2,239 00	65	61	.....	Completed, but not accepted.
Dec. 16	Sewer in One Hundredth street, between Third and Park avenues, connecting with present sewer in Third avenue, north of One Hundredth street.	4,154 00	4,130 00	100	175	.....	Overtime.
1892. Feb. 9	Alteration to sewer in Second avenue, between Seventy-first and Seventy-second streets, and in Seventy-first street, between Second and Third avenues.	6,066 00	4,585 00	100	160	.....	Delayed by rail-road company.
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	4,230 00	300	122	178	
May 18	Sewer in Sixty-eighth street, between Avenue A and East River.	4,785 00	2,325 00	130	66	64	
" 4	Receiving-basin, northwest corner Eighty-first street and Lexington avenue.	621 00	444 60	25	28	.....	Completed, but not accepted.

## 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, October 1, 1892.

Hon. THOS. F. GILROY, Commissioner of Public Works:

SIR—I would beg leave to herewith submit my report of the transactions of the Bureau of Street Improvements for the quarter ending September 30, 1892.

Respectfully submitted,

W. M. DEAN, Superintendent, Street Improvements.

## STATEMENT OF AMOUNT OF WORK DONE DURING THE QUARTER ENDING SEPTEMBER 30, 1892.

Earth excavated.....	cubic yards.	21,599
Rocks excavated.....	"	19,635
Filling furnished.....	"	89,622
Curbstones set.....	lineal feet.	22,765
Curbstones reset.....	"	5,584
Flagging laid.....	square feet.	152,737
Flagging relaid.....	"	47,431
Retaining-wall built.....	cubic yards.	4,137
Culvert.....	lineal feet.	76
Fence built.....	"	942

## AMOUNT OF VOUCHERS DRAWN.

Street Improvement Fund.....	\$108,259 83
Street Improvements—For Surveying, Monumenting, etc.....	652 00
Street Improvements—For Surveying, Monumenting, 1890.....	20 00
Retaining-walls in East Fifty-first and East Forty-second streets.....	124 00
Contingencies—Department of Public Works.....	288 15
Total.....	\$109,343 98

APPROPRIATIONS.	
Street Improvements—For Surveying, Monumenting, etc.....	\$3,000 00
Amount of vouchers drawn first quarter.....	\$585 00
Amount of voucher drawn second quarter.....	637 00
Amount of voucher drawn third quarter.....	652 00
Outstanding liabilities (estimated).....	645 00
Balance (estimated).....	481 00
	3,000 00

Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....	\$2,000 00
Amount of vouchers drawn first quarter.....	\$17 50
Amount of vouchers drawn second quarter.....	442 00
Amount of vouchers drawn third quarter.....	.....
Outstanding liability.....	75 00
Balance.....	1,405 50
	2,000 00

Contingencies—Department of Public Works.....	\$288 15
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Retaining-walls in East Fifty-first and East Forty-second streets.....	\$124 00
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## WORKS COMPLETED.

Regulating, Grading, Curbing and Flagging—	
Avenue B, from Eighty-sixth street to Harlem river.....	\$4,746 43
Manhattan street, from Twelfth avenue to Hudson river.....	404 25
One Hundred and Twenty-seventh street, from St. Nicholas avenue to Lawrence street.....	4,158 91
One Hundred and Thirty-second street, from Boulevard to Twelfth avenue.....	5,024 21
One Hundred and Sixty-fifth street, from Eleventh avenue to Boulevard.....	26,953 26
One Hundred and Sixty-ninth street, from Amsterdam to Eleventh avenue.....	4,849 58
One Hundred and Forty-eighth street, from Amsterdam to St. Nicholas avenue.....	2,396 50
	\$48,533 14

Curbing and Flagging—	
Park avenue, from Ninety-sixth to One Hundred and Second street.....	1,687 86

Flagging, Reflagging, Curbing and Recurbing—	
East side First avenue, from One Hundred and Fifth to One Hundred and Sixth street.....	\$469 90
Seventh avenue, from Thirty-sixth to Thirty-seventh street.....	1,385 00
East side Tenth avenue, from Thirtieth to Thirty-first street.....	429 66
Nos. 341 to 345 East One Hundred and Fifth street.....	140 00
South side Seventy-eighth street, from Amsterdam avenue to Boulevard.....	348 76
Eighty-eighth street, from Central Park, West, to Riverside Drive.....	4,969 69
South side One Hundred and Forty-first street, from St. Nicholas to Convent avenue.....	200 22
Thirty-fourth street, from Tenth avenue to North river.....	5,863 47
Southwest corner One Hundred and Seventeenth street and Second avenue.....	495 27
West side Eighth avenue, from One Hundred and Eleventh to One Hundred and Twelfth street.....	550 26
East side Madison avenue, south of One Hundred and Seventh street.....	193 33
East side Eighth avenue, from One Hundred and Thirty-third to One Hundred and Thirty-fourth street.....	496 74
Ninety-ninth street, from Second to Third avenue.....	823 92
One Hundred and Fifteenth street, from Lenox to St. Nicholas avenue.....	697 03
One Hundred and Fifteenth street, from Lenox to Fifth avenue.....	660 19
Sixty-fifth street, from Central Park, West, to Columbus avenue.....	292 28
South side One Hundred and Forty-first street, from Eighth to Edgecombe avenue.....	207 45
North side Thirty-fourth street, from Eighth to Ninth avenue.....	1,458 65
One Hundred and Forty-first street, from Edgecombe to St. Nicholas avenue.....	219 72
West side St. Nicholas avenue, from One Hundred and Seventeenth to One Hundred and Nineteenth street.....	926 85
West side Seventh avenue, from One Hundred and Thirtieth to One Hundred and Thirty-first street.....	253 95
South side One Hundred and Fourth street, from Madison to Fifth avenue.....	466 82
North side One Hundred and Seventy-fifth street, from Kingsbridge road to Eleventh avenue.....	221 73
Nos. 86 and 88 Vandam street.....	129 37
One Hundred and Tenth street, from First to Second avenue.....	919 31
Thirty-first, Thirty-second and Thirty-third streets, from First avenue to East river.....	2,904 14
South side Seventy-fifth street, from Second to Third avenue.....	652 47
	26,376 18

Fencing Vacant Lots—	
Avenue A and First avenue, Ninetieth to Ninety-first street.....	\$273 16
Hancock place, St. Nicholas and Columbus avenues.....	80 23
North side One Hundred and Fifteenth street, from Fifth to Lenox avenue.....	117 25
North side Eighty-ninth street, from West End avenue to Riverside Drive.....	75 96
	546 60

Total..... \$77,143 48

## RECAPITULATION.

7 Contracts for Regulating, Grading, etc.....	\$48,533 14
1 Contract for Curbing and Flagging.....	1,687 86
27 Contracts for Flagging, Reflagging, etc.....	26,376 18
4 Contracts for Fencing Vacant Lots.....	546 60
39 Contracts, amounting to.....	\$77,143 78

## Statement Showing Works under Contract in Bureau of Street Improvements on the 30th day of September, 1892.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
<i>Regulating and Grading, Curbing and Flagging.</i>									
Boulevard, One Hundred and Fifty-sixth to Inwood street.....	R. McLaughlin	R. L. Waters	Leander Buck	600 days.	\$244,372 49	\$15,794 00	\$4,738 20	\$11,055 80	
Claremont avenue, One Hundred and Twenty-second to One Hundred and Twenty-seventh street.....	Benj. J. Carr, Jr.	Thomas Sator	David Simmons	200 "	17,368 88	15,615 00	4,984 50	10,630 50	
Dyckman street, Hudson river to Exterior street.....	William E. Dean	R. L. Waters	R. V. Davis	450 "	128,165 57	27,265 00	11,179 50	16,085 50	
McComb's Dam road, One Hundred and Forty-ninth to One Hundred and Fifty-fifth street.....	Thomas J. Riley	L. Olney	James Kearney	260 "	26,571 80	9,830 00	2,949 00	6,881 00	
Convent avenue, One Hundred and Twenty-seventh to One Hundred and Thirty-fifth street.....	Thomas J. Dunn	F. E. Towle	M. F. Byrnes	60 "	7,819 24	5,734 00	1,720 20	4,013 80	
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. Reilly	F. E. Towle	Sylvester Bennett	300 "	13,351 34	5,040 00	1,512 00	3,528 00	
One Hundred and Twenty-seventh street, Boulevard to Manhattan street.....	John J. Hopper	A. P. Hartmann	John McCue	50 "	1,383 10	.....	.....	.....	
One Hundred and Forty-first street, Seventh avenue to Harlem river.....	Charles V. Hough	M. A. Lacy	Thomas P. Moore	200 "	9,490 36	5,251 60	1,575 48	3,676 12	
One Hundred and Forty-fourth street, Boulevard to Twelfth avenue.....	John J. Hopper	George A. Wheeler	Dennis O'Connor	125 "	7,396 00	1,696 50	508 95	1,187 55	
One Hundred and Forty-fifth street, Boulevard to Twelfth avenue.....	John J. Hopper	Fred. Reinert	Edward H. Lowery	150 "	7,589 96	.....	.....	.....	
One Hundred and Forty-seventh street, Boulevard to 500 feet west.....	H. Van Zandt	A. P. Hartmann	A. P. Hartmann	110 "	4,595 00	.....	.....	.....	Work completed, but not accepted.
One Hundred and Forty-eighth street, Boulevard to Twelfth avenue.....	Matthew Baird	F. E. Towle	F. G. Fay	200 "	13,883 30	3,850 00	1,155 00	2,695 00	
One Hundred and Forty-ninth street, Boulevard to Twelfth avenue.....	Matthew Baird	R. L. Waters	Thomas W. Gibbons	200 "	15,588 18	11,159 00	3,347 70	7,811 30	
One Hundred and Sixtieth street, Eleventh avenue to Kingsbridge road.....	James Flanagan	J. A. Briggs	Theo. Pratt	75 "	7,185 50	.....	.....	.....	
One Hundred and Sixty-second street, Eleventh avenue to Kingsbridge road.....	James Leeson	F. E. Towle	John Lawrence	100 "	11,413 40	7,360 00	2,208 00	5,152 00	
One Hundred and Eighty-third street, Amsterdam avenue to Kingsbridge road.....	B. F. Coleman	R. L. Waters	Charles M. Torpey	100 "	24,076 25	17,290 00	5,187 00	12,103 00	



LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
<i>Flagging, Reflagging, Curbing and Recurbing.</i>									
Eighth avenue, One Hundred and Forty-eighth to One Hundred and Fifty-fourth street.....	Walter J. Ford.....	A. P. Hartmann.....		30 days.	\$3,389 85				Work completed, but not accepted.
Thirty-fifth street, Eleventh avenue to North river.....	Joseph J. Haiduvén.	F. Reinert.....		9 "	1,932 67				Work completed, but not accepted.
One Hundred and Third street, north side, First avenue to 500 feet west	Thomas Callanan ..	A. P. Hartmann.....		4 "	815 00				Work completed, but not accepted.
Hancock place, One Hundred and Twenty-fifth street, St. Nicholas and Columbus avenues.....	A. E. Moran .....	A. P. Hartmann.....		3 "	518 50				Work completed, but not accepted.
Columbus avenue, Sixty-fifth to Seventieth street.....	A. E. Moran.....	A. P. Hartmann.....		4 "	1,427 10				Work completed, but not accepted.
Nos. 328 and 330 West 40th street.....	Thomas J. Dunn ..	R. L. Waters.....		1 "	102 70				Work completed, but not accepted.
<i>Fencing Vacant Lots.</i>									
Ninety-second and Ninety-third streets, First avenue to Avenue A.....	J. S. Dingwall.....	R. L. Waters.....		6 "	251 06				Work completed, but not accepted.
West side Madison avenue, One Hundred and Fourth to One Hundred and Fifth street.....	J. S. Dingwall.....	M. Cox.....		2 "	59 39				
<i>Retaining-wall.</i>									
Fifty-first street, east of Beekman place.....	M. Fortunato.....	Chief Engineer .....		150 "	6,664 75	\$6,451 50	\$1,935 45	\$4,516 05	
				Totals ..	\$566,226 39	\$142,776 00	\$46,132 80	\$96,643 20	

## 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, October 20, 1892.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

SIR—I transmit herewith report of work done by this Bureau during the quarter ending September 30, 1892.

Respectfully submitted,

JOHN J. RYAN, Superintendent of Streets.

The following is the amount of work done on "Boulevards, Roads and Avenues, Maintenance of—General Account, etc.," during the quarter ending September 30, 1892:

Macadam roadway resurfaced and repaired .....	18,354 square yards.
Roadway cleaned .....	37 miles.
Gutters cleaned .....	289 "
Telford pavement laid .....	13 square yards.
Stone hauled .....	147 truck-loads.
Screenings hauled .....	121 "
Parkway of Western Boulevard regulated and graded and sown with grass seed .....	2 miles.

In making the above mentioned repairs there were used of—

Broken stone .....	1,090 truck-loads.
Stone screenings .....	452 "
Gravel .....	1,409 "
Gravel screenings .....	408 "
Earth .....	350 "
Sand .....	329 "
Telford .....	2 "
Paving blocks .....	2 "
Gneiss stone .....	392 "
Grass seed .....	60 bushels.
Bone dust .....	668 pounds.
Mould .....	140 truck-loads.

The crossings were cleaned and the various streets and avenues constantly and thoroughly sprinkled during the quarter.

4,589 truck-loads of surplus were removed.

The following is the amount of work done on "Roads, Streets and Avenues—Unpaved" during the quarter ending September 30, 1892:

Roadway regulated and repaired .....	8,866 square yards.
Gutters cleaned .....	26 miles.
Roadway and gutters cleaned .....	1 1/2 "
Stone hauled .....	210 truck-loads.
Earth hauled .....	387 "
Stone used .....	207 "
Earth used .....	203 "
Washouts filled .....	6

756 truck-loads of surplus were removed.

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.....	\$90,000 00
Amount transmitted during the first quarter ending March 31, 1892 ..	11,520 31

Balance, April 1, 1892.....	\$78,479 69
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Amount transmitted during the second quarter ending June 30, 1892.....	28,843 12
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Balance, July 1, 1892.....	\$49,636 57
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Amount transmitted during the third quarter ending September 30, 1892, is as follows:

Pay-roll, Laborers, etc., week ending July 2, 1892.....	\$1,722 61
" " " 9, " .....	1,756 88
" " " 16, " .....	2,039 62
" " " 23, " .....	2,015 06
" " " 30, " .....	1,654 24
" " " Aug. 6, " .....	1,593 00
" " " 13, " .....	1,770 62
" " " 20, " .....	1,882 31
" " " 27, " .....	1,592 93
" " " Sept. 3, " .....	1,748 49
" " " 10, " .....	1,754 31
" " " 17, " .....	1,737 56
" " " 24, " .....	1,757 43
Grass seed .....	60 00
Wall brushes .....	3 56
Repairs to sprinklers .....	28 25
Telephone service .....	33 75
Rent of ground .....	1,000 00
Gravel and screenings .....	3,866 49

Balance, October 1, 1892.....	\$21,619 46
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The following is a statement of the various appropriations under charge of the Bureau of Streets and Roads:

Roads, Streets and Avenues Unpaved—Maintenance of, and Sprinkling.....	\$30,000 00
Amount transmitted during the first quarter ending March 31, 1892.....	1,872 62

Balance, April 1, 1892.....	\$28,127 38
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Amount transmitted during the second quarter ending June 30, 1892.....	3,391 27
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Balance, July 1, 1892.....	\$24,736 11
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Amount transmitted during the third quarter ending September 30, 1892, is as follows:

Pay-roll, Laborers, etc., week ending July 2, 1892.....	\$598 62
" " " 9, " .....	582 56
" " " 16, " .....	671 56
" " " 23, " .....	593 05
" " " 30, " .....	517 43
" " " Aug. 6, " .....	545 31
" " " 13, " .....	545 37
" " " 20, " .....	535 50
" " " 27, " .....	488 37
" " " Sept. 3, " .....	517 68
" " " 10, " .....	481 50
" " " 17, " .....	543 19
" " " 24, " .....	545 12
Horse and wagon .....	270 00
Hardware .....	20 75

\$7,456 01

Balance, October 1, 1892.....	\$17,280 10
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The following is a statement of the various appropriations under charge of the Bureau of Streets and Roads:

Boulevards, Roads and Avenues, Maintenance of—Salaries, 1892.....	\$2,500 00
Amount transmitted during the first quarter ending March 31, 1892.....	624 99

Balance, April 1, 1892.....	\$1,875 01
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Amount transmitted during the second quarter ending June 30, 1892.....	624 99
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Balance, July 1, 1892.....	\$1,250 02
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Amount transmitted during the third quarter ending September 30, 1892.....	624 99
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Balance, October 1, 1892.....	\$625 03
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The following is the amount drawn against Restoring and Repaving—Special Fund.....

\$482 75

The following is the amount received during the quarter ending October 1, 1892, for use of road roller and sprinklers, and deposited to the credit of the General Fund

\$28 50

The following is the amount transmitted during the quarter ending October 1, 1892, and charged to Street Improvement Fund:

Surveyor's fees.....	\$379 89
Pay-roll, Inspectors of Crosswalks.....	91 00

Total .....	\$470 89
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## 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, October 14, 1892.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

SIR—I herein submit a report of the transactions of the Bureau of Lamps and Gas for the quarter ending September 30, 1892:

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," and this shows an expenditure during the quarter of one hundred and ninety-eight thousand one hundred and sixty-eight dollars and thirty-seven cents (\$198,168.37), and for the past nine months of five hundred and thirty-one thousand six hundred and ninety-four dollars and seventy-seven cents (\$531,694.77), with liabilities for lighting the public lamps, etc., month of September, amounting to sixty-seven thousand and eighty dollars and four cents (\$67,080.04), leaving an available balance of two hundred and six thousand one hundred and twenty-five dollars and nineteen cents (\$206,125.19).

Exhibit "C" is a summary of the appropriation for "Lamps and Gas and Electric-lighting—Salaries," and this shows an expenditure during the quarter of one thousand six hundred and twenty-four dollars and ninety-five cents (\$1,624.95), and for the nine months of four thousand seven hundred and forty-three dollars and thirteen cents (\$4,743.13), leaving an available balance of one thousand two hundred and fifty-six dollars and eighty-seven cents (\$1,256.87).

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 one hundred and thirty-four new gas-lamps and fifty-seven new electric-lamps have been lighted, eighty-five gas-lamps relighted, two hundred and forty-two gas-lamps and three electric-lamps discontinued, of which one hundred and eighty-six gas-lamps were discontinued on account of electric-lights. The total number of public lamps lighted on September 30, 1892, was twenty-six thousand six hundred and forty-seven gas, one hundred and fifty-two naphtha and one thousand four hundred and twenty-five electric, making a grand total of twenty-eight thousand two hundred and twenty-four.

Exhibit "E" is a statement showing the lowest, highest and average illuminating power of the gases supplied to the city by such of the gas companies as are 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.)	SULPHURETED HYDROGEN.
Consolidated Gas Company—			
Branch 1.....	5.08	3.14	None.
Branch 2.....	10.16	5.04	"
Branch 3.....	5.24	1.06	"
Branch 4.....	16.80	8.38	"
Branch 6.....	4.94	0.48	"
New York Mutual Gas-light Company.....	5.26	0.40	Trace.
Equitable Gas-light Company.....	6.36	0.24	None.
Standard Gas-light Company.....	6.88	Trace.	"

The following shows the specific gravity of the gases:

Consolidated Gas Company—	
Branch 1, specific gravity.....	.605
Branch 2, ".....	.495
Branch 3, ".....	.655
Branch 4, ".....	.497
Branch 6, ".....	.610
New York Mutual Gas-light Company, specific gravity.....	.715
Equitable Gas-light Company, ".....	.682
Standard Gas-light Company, ".....	.680

The following statement shows the average maximum and minimum pressure on the mains of such of the gas companies as connect with our photometric stations, as recorded on the pressure registers during the quarter, the average being made for the time during which the public lamps are required to be kept lighted:

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
Consolidated Gas Company—	Inches.	Inches.		Miles.
Branch 1.....	2.06	1.98	Cor. of Bowery and Grand street.	1.100
Branch 2.....	2.40	1.56	" " "	1.100
Branch 3.....	2.66	1.75	" " "	3.100
Branch 4.....	2.07	1.07	{ Seventy-ninth street, between } { Second and Third avenues. }	3.100
Branch 6.....	2.69	1.39	{ Seventy-ninth street, between } { Second and Third avenues. }	1.100
New York Mutual Gas-light Co....	3.11	2.04	Cor. of Bowery and Grand street.	1.100
Equitable Gas-light Company.....	3.39	1.92	" " "	2.100
Standard Gas-light Company.....	1.98	1.79	{ Seventy-ninth street, between } { Second and Third avenues. }	1.100

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 September 30, 1892.

Washington Market.....	\$929 87
Catharine Country Market.....	34 62
Catharine Meat Market.....	21 25
Fulton Meat Market.....	237 25
Fulton Country Market.....	438 88
Essex Market.....	20 00
Centre Market.....	101 62
Clinton Market.....	200 88
Union Market.....	17 12
Tompkins Market.....	174 25
Jefferson Market.....	54 75
First District Police Court.....	269 50
Second District Police Court.....	36 75
Third District Police Court.....	40 13
Fourth District Police Court.....	73 50
Fifth District Police Court.....	1 76
First District Civil Court.....	37
Second District Civil Court.....	6 99
Fourth District Civil Court.....	4 75
Fifth District Civil Court.....	20 50
Sixth District Civil Court.....	6 00
Eighth District Civil Court.....	6 75
Ninth District Civil Court.....	1 13
Court of Special Sessions.....	42 37
Brown stone (Court Room) Building.....	151 12
New Court House.....	1,511 62
City Hall.....	470 38
Corporation Counsel's Office.....	12 75
Corporation Attorney's Office.....	9 63
Public Administrator's Office.....	3 00
Board of Assessors.....	5 86
Department of Public Works.....	246 63
Department of Taxes.....	1 00
City Record Book Bindery.....	3 50
Register's Office.....	72 63
County Jail.....	246 75
Pipe Yard, Rivington street.....	3 12
Pipe Yard, East Twenty-fourth street.....	9 00
Tool Shop, Mulberry street.....	5 26
Water Purveyor's Shop, West Thirtieth street.....	4 00
Water Purveyor's Shop, East Eighty-seventh street.....	5 75
Water Purveyor's Shop, East One Hundred and Twenty-fifth street.....	8 87
Water Purveyor's Shop, No. 3351 Third avenue.....	4 00
South Gate-house, Central Park.....	68 62
Engine-house, High Water Service, High Bridge.....	116 26
Engine-house, High Water Service, Ninety-eighth street.....	310 25
Clock Tower, Third District Court-house.....	348 00
New York City Civil Service Board.....	1 26
Bureau of Streets and Roads, West One Hundred and Nineteenth street.....	3 75
Corporation Yard, East Sixteenth street.....	3 37
Dog Pound, East One Hundred and Second street.....	5 50
Photometric Station, Grand street.....	2 00
Photometric Station, Seventy-ninth street.....	50
Engineer's Office, Croton Aqueduct, High Bridge.....	3 68
Seventh Regiment Armory.....	301 25

Eighth Regiment Armory.....	\$515 38
Ninth Regiment Armory.....	133 25
Twelfth Regiment Armory.....	316 75
Twenty-second Regiment Armory.....	321 62
Sixty-ninth Regiment Armory.....	115 75
Seventy-first Regiment Armory.....	113 75
Troop "A" Armory.....	82 25
First Battery Armory.....	82 50
Second Battery Armory.....	38 00
Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards.....	32 64
Public bath, Battery.....	29 50
Public bath, foot of Duane street.....	22 00
Public bath, foot of Horatio street.....	25 01
Public bath, foot of Market street, East river.....	27 63
Public bath, foot of Grand street, East river.....	9 12
Public bath, foot of East Fifth street.....	19 12
Public bath, foot of East Eighteenth street.....	43 37
Public bath, foot of East Twenty-eighth street.....	19 88
Public bath, foot of West Twenty-eighth street.....	22 37
Public bath, foot of West Fiftieth street.....	30 13
Public bath, foot of Fifty-first street, East river.....	26 00
Public bath, foot of Ninetieth street, East river.....	25 12
Public bath, foot of One Hundred and Twelfth street, East river.....	22 13
Public bath, foot of One Hundred and Thirtieth street, East river.....	39 52
Lighting Public Markets, etc., pay-roll.....	828 00
Cleaning Photometric Station.....	15 00
Repairing Gas-holder, Madison Avenue Bridge.....	526 72
Gas examinations.....	467 00
Cartages.....	721 00
Rent of Photometric Station, Grand street.....	150 00
Rent of Photometric Station, Seventy-ninth street.....	90 00
New lamp-posts.....	2,082 96
New street-lamps.....	2,141 50
New Boulevard lamps.....	1,053 00
New street-signs.....	747 22
Lettering Boulevard globes.....	75 00
Repairing metal street-signs.....	114 00
Fitting up new lamps.....	1,006 00
Fitting up new lamps, Twenty-third and Twenty-fourth Wards.....	552 00
Resetting and repairing lamp-posts.....	5,474 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	750 50
Lighting public gas-lamps.....	85,240 71
Lighting public gas-lamps, Twenty-third and Twenty-fourth Wards.....	35,063 43
Lighting public electric-lamps.....	41,072 10
Lighting public electric-lamps, Twenty-third and Twenty-fourth Wards.....	10,315 35
Lighting public naphtha lamps.....	836 01
Lighting incandescent lamps.....	77 78

\$198,168 37

#### EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," for the Year 1892, Showing the Amount Expended during the Quarter ending September 30, 1892, and the amount Standing to the Credit of the Appropriation.

Amount of appropriation for "Lamps and Gas and Electric Lighting".....	\$804,900 00
Amount of vouchers drawn to June 30, 1892.....	\$333,526 40
Amount of vouchers drawn during the quarter ending September 30.....	198,168 37
Total amount of vouchers drawn to September 30.....	531,694 77
Balance against which no vouchers have been drawn.....	\$273,205 23

#### LIABILITIES.

Consolidated Gas Company, lighting public lamps, month of September.....	\$22,323 71
Equitable Gas-light Company, ".....	4,043 00
New York Mutual Gas-light Company, ".....	305 21
Standard Gas-light Company, ".....	3,367 09
Central Gas-light Company, ".....	4,464 95
Northern Gas-light Company, ".....	6,115 21
Yonkers Gas-light Company, ".....	1,507 33
New York and New Jersey Globe Gas-light Company, lighting public lamps, month of September.....	278 67
Brush Electric Illuminating Company, lighting public lamps, month of September.....	3,245 90
United States Illuminating Company, lighting public lamps, month of September.....	3,721 20
East River Electric-light Company, lighting public lamps, month of September.....	2,296 80
Mount Morris Electric-light Company, lighting public lamps, month of September.....	1,820 40
Harlem Lighting Company, lighting public lamps, month of September.....	2,311 60
North River Electric-light and Power Company, lighting public lamps, month of September.....	3,762 90
Bartlett Lamp Manufacturing Company, on contract for Boulevard lamps.....	2,604 25
E. P. Gleason Manufacturing Company, on contract for street-lamps ..	2,912 70
Cavanagh & Thompson, on contract for glass street signs.....	867 12
Wellington Manufacturing Company, metal street signs.....	75 00
E. P. Gleason Manufacturing Company, fire-alarm lamps.....	82 50
Bartlett Lamp Manufacturing Company, 200 lamp-irons.....	83 50
Mary Unger, lettering lamp globes.....	90 00
James Lawler, painting candelabra lamp-post.....	65 00
Abraham Steers, wooden lamp-posts.....	48 00
E. P. Gleason Manufacturing Company, ruby lamp glass.....	88 00
Balance available.....	67,080 04
Balance available.....	\$206,125 19

#### EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," for Year ending 1892, Showing the Amount Expended during the Quarter ending September 30, 1892, with the Balance Standing to the Credit of the Appropriation.

Amount of appropriation for "Lamps and Gas and Electric Lighting"—Salaries for 1892.....	\$6,000 00
Amount expended to March 31, 1892.....	\$1,624 95
Amount expended during the quarter ending June 30, 1892.....	1,493 23
Amount expended during the quarter ending September 30, 1892.....	1,624 95
Total amount expended to September 30, 1892.....	4,743 13
Balance available September 30, 1892.....	\$1,256 87



## 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 September 30, 1892.

CONSOLIDATED GAS COMPANY, BRANCH 1.				NORTHERN GAS-LIGHT COMPANY.			
Number of lamps lighted June 30, 1892.....	2,966			Number of lamps lighted June 30, 1892.....	2,589		
Number of new lamps lighted during the quarter.....	4			Number of new lamps lighted during the quarter.....	21		
Number of old lamps relighted during the quarter.....	0			Number of old lamps relighted during the quarter.....	2		
		2,970				2,612	
Number of lamps discontinued during the quarter.....	0			Number of lamps discontinued during the quarter.....	5		
Number of lamps discontinued on account of electric lights.....	7			Number of lamps discontinued on account of electric-lights.....	133		
		7				138	
Number of lamps lighted September 30, 1892.....			2,963	Number of lamps lighted September 30, 1892.....			2,474
CONSOLIDATED GAS COMPANY, BRANCH 2.				YONKERS GAS-LIGHT COMPANY.			
Number of lamps lighted June 30, 1892.....	1,338			Number of lamps lighted June 30, 1892.....	644		
Number of new lamps lighted during the quarter.....	7			Number of new lamps lighted during the quarter.....	2		
Number of old lamps relighted during the quarter.....	3			Number of old lamps relighted during the quarter.....	0		
		1,348				646	
Number of lamps discontinued during the quarter.....		3		Number of lamps discontinued during the quarter.....		0	
Number of lamps lighted September 30, 1892.....			1,345	Number of lamps lighted September 30, 1892.....			646
CONSOLIDATED GAS COMPANY, BRANCH 3.				Total number of gas-lamps lighted September 30, 1892 ..			26,647
Number of lamps lighted June 30, 1892.....	1,490			NAPHTHA LAMPS.			
Number of new lamps lighted during the quarter.....	4			NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.			
Number of old lamps relighted during the quarter.....	1			Number of lamps lighted June 30, 1892.....	152		
		1,495		Number of new lamps lighted during the quarter.....	0		
Number of lamps discontinued during the quarter.....		7		Number of old lamps relighted during the quarter.....	0		
Number of lamps lighted September 30, 1892.....			1,488	Number of lamps discontinued during the quarter.....		152	
CONSOLIDATED GAS COMPANY, BRANCH 4.				Total number of naphtha-lamps lighted September 30, 1892.....			152
Number of lamps lighted June 30, 1892.....	3,235			ELECTRIC LAMPS.			
Number of new lamps lighted during the quarter.....	0			UNITED STATES ILLUMINATING COMPANY.			
Number of old lamps relighted during the quarter.....	13			Number of lamps lighted June 30, 1892.....	308		
		3,248		Number of new lamps lighted during the quarter.....	3		
Number of lamps discontinued during the quarter.....		7		Number of old lamps relighted during the quarter.....	0		
Number of lamps lighted September 30, 1892.....			3,241	Number of lamps discontinued during the quarter.....		311	
CONSOLIDATED GAS COMPANY, BRANCH 6.				Number of lamps lighted September 30, 1892.....			311
Number of lamps lighted June 30, 1892.....	5,122			BRUSH ELECTRIC ILLUMINATING COMPANY.			
Number of new lamps lighted during the quarter.....	78			Number of lamps lighted June 30, 1892.....	264		
Number of old lamps relighted during the quarter.....	10			Number of new lamps lighted during the quarter.....	0		
		5,210		Number of old lamps relighted during the quarter.....	0		
Number of lamps discontinued during the quarter.....		9		Number of lamps discontinued during the quarter.....		264	
Number of lamps lighted September 30, 1892.....			5,201	Number of lamps lighted September 30, 1892.....			264
Total number of lamps lighted by Consolidated Gas Company, September 30, 1892.....			14,238	EAST RIVER ELECTRIC-LIGHT COMPANY.			
EQUITABLE GAS-LIGHT COMPANY.				Number of lamps lighted June 30, 1892.....	201		
Number of lamps lighted June 30, 1892.....	4,490			Number of new lamps lighted during the quarter.....	0		
Number of new lamps lighted during the quarter.....	2			Number of old lamps relighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	6			Number of lamps discontinued during the quarter.....		201	
		4,498		Number of lamps lighted September 30, 1892.....		3	
Number of lamps discontinued during the quarter.....		3		Number of lamps lighted September 30, 1892.....			198
Number of lamps lighted September 30, 1892.....			4,495	MOUNT MORRIS ELECTRIC-LIGHT COMPANY.			
STANDARD GAS-LIGHT COMPANY, MADISON SQUARE BRANCH.				Number of lamps lighted June 30, 1892.....	154		
Number of lamps lighted June 30, 1892.....	1,271			Number of new lamps lighted during the quarter.....	0		
Number of new lamps lighted during the quarter.....	3			Number of old lamps relighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	1					154	
		1,275		Number of lamps discontinued during the quarter.....		0	
Number of lamps discontinued during the quarter.....		1		Number of lamps lighted September 30, 1892.....			154
Number of lamps lighted September 30, 1892.....			1,274	HARLEM LIGHTING COMPANY.			
STANDARD GAS-LIGHT COMPANY, HARLEM BRANCH.				Number of lamps lighted June 30, 1892.....	192		
Number of lamps lighted June 30, 1892.....	1,495			Number of new lamps lighted during the quarter.....	0		
Number of new lamps lighted during the quarter.....	0			Number of old lamps relighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	1					192	
		1,496		Number of lamps discontinued during the quarter.....		0	
Number of lamps discontinued during the quarter.....		3		Number of lamps lighted September 30, 1892.....			192
Number of lamps lighted September 30, 1892.....			1,493	NORTH RIVER ELECTRIC-LIGHT AND POWER COMPANY.			
Total number of lamps lighted by Standard Gas-light Co. September 30, 1892.....			2,767	Number of lamps lighted June 30, 1892.....	252		
NEW YORK MUTUAL GAS-LIGHT COMPANY.				Number of new lamps lighted during the quarter.....	54		
Number of lamps lighted June 30, 1892.....	178			Number of old lamps relighted during the quarter.....	0		
Number of new lamps lighted during the quarter.....	0			Number of lamps lighted September 30, 1892.....		306	
Number of old lamps relighted during the quarter.....	17			Number of lamps lighted September 30, 1892.....			306
		195		Total number of electric-lamps lighted September 30, 1892.....			1,425
Number of lamps discontinued during the quarter.....		0		RECAPITULATION.			
Number of lamps lighted September 30, 1892.....			195	Number of gas-lamps lighted June 30, 1892.....	26,670		
CENTRAL GAS-LIGHT COMPANY.				Number of naphtha-lamps lighted June 30, 1892.....	152		
Number of lamps lighted June 30, 1892.....	1,852			Number of electric-lamps lighted June 30, 1892.....	1,371		
Number of new lamps lighted during the quarter.....	13					28,193	
Number of old lamps relighted during the quarter.....	31			Number of new gas-lamps lighted during the quarter.....	134		
		1,896		Number of new naphtha-lamps lighted during the quarter.....	0		
Number of lamps discontinued during the quarter.....	18			Number of new electric-lamps lighted during the quarter.....	57		
Number of lamps discontinued on account of electric-lights.....	46					191	
		64		Number of gas-lamps relighted during the quarter.....	85		
Number of lamps lighted September 30, 1892.....			1,832	Number of naphtha-lamps relighted during the quarter.....	0		
				Number of electric-lamps relighted during the quarter.....	0		
						85	
				Less gas-lamps discontinued during the quarter.....	56		
				Less gas-lamps discontinued on account of electric-lights.....	186		
				Less naphtha-lamps discontinued during the quarter.....	0		
				Less electric-lamps discontinued during the quarter.....	3		
						245	
				Total number of lamps lighted September 30, 1892.....			28,224



*Statement Giving the Illuminating Power in Candles of the Gas supplied to the City by the several Gas-light Companies during the Quarter ending September 30, 1892, as Shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.*

The work of altering and reconstructing the heating and ventilation system of the County Court-house and the application of automatic devices to regulate the temperature of the court room.



hallways and offices in the building is finished, and only awaits cold weather for the adjustment of the apparatus. All the old steam-pipe has been removed, as well as the sheet iron and wooden cases enclosing the air chambers, new pin-point radiators of the latest and most approved patterns have been set in 18 chambers, constructed with brick, with cast-iron door plates, neatly fitting dampers operated by means of an electric thermostat. The two large air fans have been thoroughly overhauled and readjusted. The fresh air supply is drawn through areaways on the park and Chambers street fronts of the building, and is forced through large flues into the air chambers, in which it is heated during the cold weather and passed through ducts in the walls into the different apartments in the building; the ventilation during the summer season is maintained by the pumps or fans forcing the fresh air taken from the exterior of the building in large volumes through the same ducts which carry the heated air when heat is necessary. The engines, boilers and pumps have been overhauled and repaired, the flues have been thoroughly cleaned and whitewashed, and the new plant is ready for testing as soon as the weather serves the purpose, and it is confidently expected that a uniform temperature of artificially heated fresh air will be maintained during the cold weather, and that a generous supply of fresh air will be delivered into all the rooms of the building during the summer.

Supreme Court—Plans and specifications were prepared and a contract made for putting up new benches and railings in Special Term, Parts I. and II., and for making alterations and extending the railings in Parts II., III. and IV., Circuit. This work was completed during the summer recess of the court.

New book cases were put up in the document room in the basement.

The electric service wires were covered where exposed in the court rooms.

The carpets and linoleum in all the rooms were taken up, cleaned and relaid, and new linoleum laid outside the railing in Room 15.

The curtains in the several rooms were taken down, cleaned and replaced.

Superior Court—A new carpet was laid in the Trial Term room, Part I., and a new table 17 feet long furnished.

The carpets in the Equity Term room and Chief Clerk's room were taken up, cleaned and relaid, and window shades repaired.

Court of Common Pleas—In the office of the Clerk of the Court, and the private office adjoining, the walls and ceilings have been cleaned, ceilings calcimined and tinted, walls, wood work and trim painted, and hard wood varnished.

A new document case was put up in the Naturalization Bureau.

The carpets in the Equity room, inside the railing, have been taken up, cleaned and relaid, and new linoleum put down outside.

In Chambers the carpets have been cleaned and relined, and about 20 yards of linoleum furnished and laid.

In the Clerks' office a large rug has been laid, and the floor stained and shellacked, and a new lounge furnished.

The Judges' private room—The backs of the book-cases have been relined, new portieres put up, the poles refinished, a new lounge, a tapestry table cover and new rugs furnished, and a new drop-light and 6 two-light brackets and 1 portable desk light put up.

In the Surrogate's Office—Wire screens have been placed on the windows of the private office, and directories furnished.

A new canopy has been put up over the bench in the court room.

The County Clerk's Office—In all the rooms occupied by the County Clerk on the first floor, the walls and ceilings have been washed off, plastering repaired, ceilings calcimined, walls, wood work and trim painted, radiators bronzed and hard wood work varnished.

In the new Map room in the basement, about 650 square feet of yellow pine flooring has been laid.

The Sheriff's Office—The new closets, a desk, three pairs of doors and a partition have been filled, rubbed and varnished.

The elevator pump has been repaired, new steel piston rods, iron plungers, brass rings, rubber valves, valve springs, rods and nuts furnished and the pump put in complete order.

The boiler furnaces have been repaired, new jamb blocks put in. The rear return flues rebuilt and arched with fire-brick, and the brick work pointed up.

The boiler-room and the entire cellar has been cleaned and whitewashed.

The areas around the building were cleaned out, cesspools built in 35 of them, and the bottoms flagged with North river blue stone (these areas had never been flagged before).

All the closets, urinals and waste-pipes throughout the building have been cleaned and disinfected, and a supply of disinfectant furnished to the janitor for use in the building as required.

#### THE CITY HALL.

City Court—A platform and benches have been put up in Room 19. In Rooms 19 and 20 the walls and ceilings have been cleaned, plastering repaired, ceilings calcimined and tinted, walls, wood work and trim painted and hard wood work varnished.

In Rooms 20 and 21, new canopies have been put up and draped, and damask curtains hung over the Judges' benches. The carpets in Rooms 15, 19, 20 and 21 have been taken up, cleaned and relaid, and law books furnished for use of the court. A contract for painting the following rooms was made and the work is now nearly completed, to wit:

The City Library and room adjoining.

Clerk's room, Board of Aldermen.

Ceiling of second floor corridor.

The Jury Room and closets attached.

The ceiling of the Board of Aldermen and the anteroom.

The Governor's room.

The hall and stairway leading to the janitor's rooms.

The Mayor's Office—Four electric-fan outfits, with necessary wire connections and a supply of electric current for the same, were placed in the Mayor's Office.

Some black walnut arm-chairs were furnished for use of the office.

Repairs have been made to the roof; about 75 feet of the gutter on the south side of west wing, about 70 feet of gutter on east wing, and the entire gutters around the main building have been relined and new flashings placed around the scuttle with Phelps triple-coated tin; new copper tubes were put in leader pipes and the new work painted with metallic paint.

The iron railing enclosing the areas on the north side of the basement entrances has been taken down and arrangements made to have it thoroughly overhauled, cleaned in the fire, and the necessary alterations and repairs made to the same. This work is now being done and the railings will soon be placed in position.

The area walls have been taken down and rebuilt and coped with North river planed blue-stone coping. The flagging in the areas has been taken up and relaid and new bluestone steps set at the east and west entrances to the basement corridor.

#### BROWN-STONE BUILDING.

The hot-air furnaces have been cleaned and repaired; new castings and smoke-pipe furnished where required; the chimneys swept, the galvanized iron chimney-tops reset, and 1 new top with swivel-head put on to replace an old one.

The roofs and gutters of main building and the extensions have been repaired and painted; some repairs have been made to the elevator.

The District Attorney's Office—The signs on the doors of the Assistant District Attorneys have been painted and relittered; a roll-top desk and some law books and directories furnished.

Court of General Sessions—Some law books and directories furnished.

A new Hygia water-closet was put in, the water-closets and urinals repaired, cleaned and disinfected, and a supply of disinfectant supplied for use of the building.

The number of persons who have availed themselves of the conveniences of the room set apart for the use of females having business with the Court of General Sessions and District Attorney's office during the quarter was—

In July.....	370
In August.....	140
In September.....	390
Total.....	900

#### NO. 31 CHAMBERS STREET.

The electric wires were overhauled and new bells and wire put in where needed, and the system put in complete order.

A shed 40 feet long, with racks, was put up in the Corporation yard at One Hundred and Nineteenth street and St. Nicholas avenue, for the use of the Bureau of Lamps and Gas.

#### HALL OF RECORDS.

The walls and ceilings of the several rooms on the first and second stories have been washed off, plastering repaired, ceilings calcimined, walls painted, the grained work touched up and varnished and hard wood cleaned and varnished.

The furnaces have been cleaned and new castings and pipe furnished where needed, chimney tops reset, one new galvanized iron chimney top put on and the furnaces put in order for the winter.

#### POLICE AND CIVIL COURTS.

Third District Court-house—The furnace of the boiler was relined and the bridge, side and end walls rebuilt.

The plumbing work throughout the building was overhauled and repaired and placed in good sanitary condition.

A rotary chair and roll-top desk was furnished for use of the Second District Police Court.

Sixth District Civil Court—Window awnings have been placed on the windows of the Judge's room, Clerk's office and jury room.

Seventh District Court-house—New window shades have been put up in the officers' room, and law books furnished for use of the Court.

Ninth District Civil Court—A directory and some law books have been furnished.

The County Jail—In the vestibule office and rooms on the first floor, and the stairway leading to the second floor, the plastering was repaired, ceilings calcimined in tints, walls and trim painted, grained work touched up and varnished, radiators bronzed and hard wood cleaned and varnished.

#### STEWART BUILDING.

The Finance Department—A new carpet was laid in Room No. 13, and new linoleum laid in Rooms Nos. 11 and 13 outside the railing.

The carpets in the Comptroller's waiting room and the Clerks' office adjoining were taken up, cleaned and relaid.

A wardrobe and armchairs furnished and the signs in Room No. 31 were relittered. A new window awning was put up on the office of the Commissioners of Accounts.

#### THE MARKETS.

Washington Market—The work of painting the exterior of the market has been completed in accordance with the contract and specifications. Repairs have been made to the flooring in front of stands Nos. 12, 22, 47, 85, 91, 171, 203, 227, 231, 237, 253, 263, 266, 273, 305, 306 and 326 and to the panels enclosing shed over sidewalk on Fulton street.

The roof over stands Nos. 182, 189, 237 and 243 has been repaired, new galvanized-iron pans have been placed over the leaders and some new leaders put up.

A new galvanized-iron skylight with swing sash was put up over stand No. 285 and the gravel roof made weather tight.

West Washington Market—The work on the two buildings on Bloomfield street, which consisted of building up the division walls and extending them above the roof, and the closing up of openings in the walls with the view of making the buildings in a measure fire-proof, has been completed in accordance with the contract and specifications.

New leaders have been put up at stand No. 1 Bloomfield street and at No. 2 Grace avenue.

Orders have been given for the repairs required to the iron rolling shutters throughout the market and the painting of the same. This work is now in progress and will soon be completed.

Tompkins Market—The doors and casings have been repaired and new bolts furnished where needed, and the stoop at Seventh street entrance has been rebuilt with yellow pine steps, risers and platform.

Essex Market—The old steps leading to cellar No. 10 have been replaced by new ones, built with 2-inch step plank with 3 new stair strings of yellow pine.

The flooring in the market has been repaired and calked with navy oakum and payed with pitch.

Union Market—The plastering has been repaired, walls and ceilings calcimined and wood work painted.

Clinton Market—Specifications were prepared and a contract entered into for the alteration and repairs to the Canal street front of the market. This work has been pushed forward rapidly and will soon be completed. The alterations add very much to the appearance of the market, and meet the approval of those having business there.

Jefferson Market—The roof over stands Nos. 24, 26, 32 and 40 has been repaired, the terra cotta pointed up, the flat roof painted, two new galvanized iron gutters and five leaders put up and the flashings repaired.

Centre Market—The roof of shed over stands Nos. 77 and 79 has been repaired, the gutters relined with stamped tin, the skylights flashed around, new spouts and tubes put in and the roof painted. The sixteen water leaders have been repaired and painted and repairs made to the glazing throughout the market and to the steps on Centre Market place and the flooring near stands Nos. 77 and 79.

Fulton Market—The flooring in front of stand No. 181 has been relaid, a new tool box built, the roof repaired over stands Nos. 157 and 158, the gutters relined where needed and the damaged flashings replaced with new L. P. C. tin.

The slate roof of the south tower and the gutters, valleys, pediments, flashings and ridge at base of tower have been repaired and made water-tight.

Catharine Market—The flooring inside stands Nos. 32 and 34 has been repaired, and new sleepers put in to replace those rotted out.

Two dozen galvanized iron sprinkling cans and a supply of disinfecting fluid have been supplied for use of the markets.

#### THE ARMORIES.

Seventh Regiment Armory—The walls and ceiling of the firing-room in the rifle range were cleaned off and painted, the hard wood cleaned off and oiled and the radiators and steam-pipes in main drill-room bronzed. The furnaces of the four steam boilers were relined with fire brick, the curtain and bridge walls and the sidewall and part of the flue of the No. 3 boiler have been rebuilt.

The steam-pipes repaired, valves repacked, and the boilers put in complete order.

Eighth Regiment Armory—Six star top ventilators, each one 2 feet in diameter and 4 feet high, were put up on the roof of the armory, and window frames and sashes on top of the main drill room were flashed with zinc to prevent rain from beating in. Some repairs were made to the flooring and glazing.

Twelfth Regiment Armory—Repairs have been made to the glazing. New lights were put in where broken, and the sashes puttied up where needed.

Twenty-second Regiment Armory—The boiler furnaces have been relined with fire-brick, the arches over fire doors and the invert arches rebuilt. A new shaking and dumping grate put in one of the furnaces, the grate bars in the others repaired and put in order, and steam-pipes and valves overhauled and repaired.

Sixty-ninth Regiment Armory—Repairs have been made to the steam-pipes, gas-fitting and plumbing, and to the glazing.

Seventy-first Regiment Armory—The soil-pipe connecting with street sewer was cleaned out, and some new sections put in to replace those that were broken. A contract and specifications were prepared for the whitewashing and painting, building company rooms and lockers, repairs to carpenter work and plumbing, etc.

This work was advertised for public letting, and the contractor is now awaiting orders to proceed with the work.

#### STAATS ZEITUNG BUILDING.

Corporation Counsel's Office—A new carpet was laid in the private office. The chandelier taken down, repaired and refinished. The window shades repaired and some new ones put up; a table, desk and rotary chair furnished, and some law books and directories supplied.

Department of Taxes and Assessments—The window shades were repaired, and some new shades furnished, and law books and directories supplied.

#### 49 BEEKMAN STREET.

The roof has been repaired and painted, fire walls and coping pointed up, and leaders repaired. Law books and directories were supplied for use of the Corporation Attorney.

#### CIVIL SERVICE BOARDS.

The carpets were taken up, cleaned and relaid, and directories furnished.

#### DEPARTMENT OF BUILDINGS.

A new telephone closet was put up, and some law books and directories furnished.

Directories have been furnished for use of the Finance Department, the Fire Department, Department of Charities and Correction, Department of Street Improvements and the several courts and offices entitled to receive the same.

#### FREE FLOATING BATHS.

In compliance with a recommendation made to you by the Board of Health, you ordered the 15 free floating baths to be closed September 16, and the usual preparations made to tow and store them in winter quarters, on the overflowed lands adjoining Gowanus creek, at Twenty-third street, South Brooklyn.

The increased popularity of the baths will be seen by the following report of the number of persons visiting them, notwithstanding that the time at which they were closed was about fifteen days earlier than usual.



I am also pleased to state that, notwithstanding the unusual crowds of people frequenting them, not a single injury was sustained by any of the bathers.

Following is a statement showing the number of males and females who have used the baths during the past season :

BATH.	LOCATION.	MONTHS.	MALES.	FEMALES.	TOTAL.
No. 1	Fifth street, East river.....	June .....	67,000	34,500	527,200
		July .....	110,000	75,000	
		August.....	135,000	95,000	
		September.....	6,500	4,200	
No. 2	Battery.....	June .....	318,500	208,700	273,600
		July .....	48,000	31,500	
		August.....	58,000	34,000	
		September.....	63,000	32,000	
No. 3	One Hundred and Twelfth street, East river .....	June .....	173,300	100,300	264,300
		July .....	9,500	3,500	
		August.....	72,000	45,000	
		September.....	73,000	56,000	
No. 4	Twenty-eighth street, East river.....	June .....	3,500	1,800	232,592
		July .....	158,000	106,300	
		August.....	4,700	3,500	
		September.....	75,600	29,300	
No. 5	Grand street, East river .....	June .....	83,592	29,640	376,450
		July .....	3,960	2,300	
		August.....	167,852	64,740	
		September.....	56,000	31,000	
No. 6	Horatio street, North river.....	June .....	90,000	60,000	208,050
		July .....	90,500	40,000	
		August.....	242,750	133,700	
		September.....	17,000	12,500	
No. 7	One Hundred and Thirty-eighth street, East river .....	June .....	70,000	40,000	147,882
		July .....	35,000	30,000	
		August.....	2,100	1,450	
		September.....	124,100	83,950	
No. 8	Eighteenth street, East river.....	June .....	19,780	2,821	516,200
		July .....	36,287	17,960	
		August.....	45,763	20,861	
		September.....	2,960	1,450	
No. 9	Duane street, North river .....	June .....	104,790	43,092	253,522
		July .....	48,000	18,000	
		August.....	120,000	70,000	
		September.....	180,000	75,000	
No. 10	Fifteenth street, North river .....	June .....	37,000	1,500	312,980
		July .....	23,565	7,240	
		August.....	99,597	30,465	
		September.....	65,250	18,455	
No. 11	Ninetieth street, East river.....	June .....	194,112	59,410	199,875
		July .....	62,000	41,000	
		August.....	59,800	42,250	
		September.....	82,000	21,780	
No. 12	Fifty-first street, East river.....	June .....	2,700	1,450	326,080
		July .....	206,500	106,480	
		August.....	6,400	3,100	
		September.....	62,000	28,900	

BATH.	LOCATION.	MONTHS.	MALES.	FEMALES.	TOTAL.
No. 13	Twenty-ninth street, East river. ....	June .....	31,500	16,570	305,110
		July .....	85,000	25,000	
		August.....	110,000	35,000	
		September .....	1,405	650	
			227,900	77,220	
No. 14	One Hundred and Thirty-fourth street, North river.....	June .....	7,000	2,500	73,100
		July.....	22,000	8,500	
		August.....	23,000	9,000	
		September.....	800	300	
			52,800	20,300	
No. 15	Market street, East river.....	June .....	160,000	74,000	842,900
		July.....	220,000	116,000	
		August.....	173,000	90,000	
		September.....	6,400	3,500	
			559,400	283,500	
Grand total.....					4,859,842

Very 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, October 7, 1892.

Hon. THOMAS F. GILROY, Commissioner of Public Works :

DEAR SIR—I have the honor to submit herewith the following report of the business of this bureau for the quarter ending September 30, 1892 (months of July, August and September) :

1,073 complaints of obstructions received and attended to.  
567 seizures and removals of obstructions made.  
1,714 building permits issued.  
220 miscellaneous permits issued.  
2 permits issued to cut down shade trees.  
3 notices issued to repair defective vault covers.  
Expense of seizing and removing 567 articles, including 429 loads of dirt, stone, refuse, etc., and throwing in dirt, etc., on premises at various places ; removing 230 dead and dangerous trees, stumps, etc. ; also 48 telegraph poles, and about 215 miles of electric wire..... \$8,255 85

Total expenses for the quarter..... \$10,280 85

Received from owners for the redemption of seized articles..... \$295 05  
Received from public sale of unredeemed articles, August 1, 1892..... 196 65

\$491 70

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

Salary account—Appropriation..... \$7,800 00  
Expended up to September 30, 1892..... 6,075 00

Balance..... \$1,725 00

Appropriation for the removal of obstructions in streets and avenues..... \$42,000 00  
Expended up to September 30, 1892..... 33,206 05

Balance..... \$8,793 95

Respectfully,  
MICHAEL F. CUMMINGS, Superintendent of Incumbrances.

Document "M."  
REPORT OF THE WATER REGISTER.

BUREAU OF WATER REGISTER, No. 31 CHAMBERS STREET,  
NEW YORK, September 30, 1892.

Hon. THOMAS F. GILROY, Commissioner of Public Works :

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending September 30, 1892 :

	Principal.	Penalties.	Taps.
July .....	\$707,783 02	\$373 05	\$875 50
August.....	378,552 96	1,518 40	1,183 00
September.....	225,380 98	955 05	1,239 00
Total.....	\$1,311,716 96	\$2,846 50	\$3,297 50

Total amount..... \$1,317,860 96

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

July .....

August.....

September.....

Total.....

"Special Fund—Repairing Streets"—

July .....

August.....

September.....

Total.....

Respectfully submitted,  
JOSEPH RILEY, Water Register.



COMMISSIONERS OF THE SINKING FUND OF  
THE CITY OF NEW YORK.

*Proceedings of the Commissioners of the Sinking Fund at a Meeting held at the Mayor's Office at 1 o'clock P. M. on Tuesday, January 31, 1893.*

Present—Thomas F. Gilroy, Mayor; Frederick Smyth, Recorder; Theodore W. Myers, Comptroller; Thomas C. T. Crain, Chamberlain, and Nicholas T. Brown, Chairman Committee on Finance, Board of Aldermen.

The minutes of the meeting held January 20, 1893, were read and approved.

The Comptroller presented a report on the insurance of the New Criminal Court Building, as follows:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

*To the Commissioners of the Sinking Fund:*

GENTLEMEN—I present herewith for approval five policies of insurance by the various contractors on the New Criminal Court Building, aggregating \$51,500, in the following companies: Q. N. Evans Construction Company, two policies in the Palatine Insurance Company, of Manchester, England, one for \$5,000, expiring December 14, 1893, at noon; and one for \$6,500, expiring December 31, 1893, at noon ..... \$11,500 00 Jackson Architectural Iron Works, in the Continental Insurance Company, of New York, expiring December 22, 1893, at noon ..... 20,000 00 James Fay, in the Palatine Insurance Company, of Manchester, England, expiring January 12, 1894, at noon ..... 7,000 00 And also one renewal policy in the Insurance Company of North America, expiring January 21, 1894, by the Q. N. Evans Construction Company, in place of a similar policy which expired January 21, 1893, for ..... 13,000 00

Total ..... \$51,500 00

The total amount of insurance now carried upon this building by the different contractors is as follows:

Dawson & Archer ..... \$605,000 00  
Q. N. Evans Construction Company ..... 133,500 00  
Jackson Architectural Iron Works ..... 225,428 00  
P. K. Lantry ..... 75,000 00  
James Fay ..... 11,500 00

Total ..... \$1,050,428 00

Respectfully,  
THEO. W. MYERS, Comptroller.

Which was approved.

The Comptroller presented the following:

Whereas, The Commissioners of the Sinking Fund, on December 29, 1892, approved of a policy of insurance for three thousand two hundred and fifty dollars, taken out by the Jackson Architectural Iron Works, upon the New Criminal Court Building, in the United Firemen's Insurance Company, of Philadelphia, expiring December 22, 1893; and

Whereas, This Board is now requested to substitute for the said policy one of a similar amount taken out by the same parties upon the said building, in the Palatine Insurance Company, Limited, of Manchester, England, expiring also December 22, 1893; therefore

Resolved, That this Board hereby approves of the said substitution.  
Which was unanimously adopted.

The Comptroller presented the following:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

*To the Commissioners of the Sinking Fund:*

GENTLEMEN—At a meeting of this Board held on the 29th of December, 1892, a resolution was adopted to authorize the leasing to the City of certain premises required for the use of the Department of Public Works. It now appears that since the resolution was adopted the ownership of one of the premises, viz., No. 231 East Seventy-ninth street, has changed hands, and is now owned by Mr. Joseph Stein, of No. 228 East Fifth street.

The following resolution is therefore submitted.

Respectfully,  
THEO. W. MYERS, Comptroller.

Resolved, That the resolution adopted by this Board on December 29, 1892, authorizing the leasing of No. 231 East Seventy-ninth street, for the Department of Public Works, be amended by substituting the name of Joseph Stein in lieu of Oscar T. Marshall, as the owner of said premises.  
The report was accepted and the resolution unanimously adopted.

The following communication was received from the Commissioner of Public Works for a lease of certain lots for a Corporation yard:

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
NO. 31 CHAMBERS STREET,  
NEW YORK, December 30, 1892.

Hon. HUGH J. GRANT, Chairman, Commissioners of the Sinking Fund:

DEAR SIR—Authority is desired from the Commissioners of the Sinking Fund to lease four city lots, 100 by 100 feet, situated at the southeast corner of Eleventh avenue and Fifteenth street, said lots being necessary for use as a Corporation yard for the Bureau of Incumbrances.

The lessors are: John Armstrong Chanler, Winthrop Chanler, Elizabeth W. Chanler, William Astor Chanler, Lewis Stuyvesant Chanler, Margaret Livingston Chanler and the United States Trust Company, trustee for the minor children of Margaret A. Chanler, deceased.

The annual rental at which the property is offered is \$2,077.50.

Very respectfully,

THOS. F. GILROY, Commissioner of Public Works.

In connection therewith the Comptroller presented the following:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

*To the Commissioners of the Sinking Fund:*

GENTLEMEN—A communication from the Commissioner of Public Works to the Mayor, dated December 30, 1892, requesting the leasing to the City of four lots of land on the southeast corner of Fifteenth street and Eleventh avenue, for an incumbrance yard for the Department of Public Works, has been received.

The matter has been examined by the Engineer of the Finance Department, and the suggestion is made that, as the City owns the larger portion of the south side of Fifty-sixth street, between Eleventh avenue and Exterior street, the incumbrance yard be located at this point. The Commissioner of Public Works has signified his assent to this selection. The lot selected is 175 feet front on Fifty-sixth street by 100 feet 5 inches deep and adjoins on the east the plot assigned by this Board on November 2, 1892, to the Street Cleaning Department for a similar purpose.

I offer for adoption the following resolution to assign the above-mentioned premises to the Department of Public Works as an incumbrance yard; such assignment to be at the pleasure of this Board.

Respectfully,

THEO. W. MYERS, Comptroller.

Resolved, That a portion of the property belonging to the Corporation of the City of New York, lying on the south side of West Fifty-sixth street, being one hundred and seventy-five feet front and one hundred feet five inches deep, containing about seven city lots, and adjoining on the east the plot assigned to the Street Cleaning Department, be and is hereby assigned to the Department of Public Works as an incumbrance yard, such assignment to be at the pleasure of this Board.

The report was accepted and the resolution unanimously adopted.

The Comptroller presented a report upon the securities held by the Commissioners of the Sinking Fund on December 31, 1892, with a resolution, as follows:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

*To the Commissioners of the Sinking Fund:*

GENTLEMEN—Herewith I present a detailed statement of the securities held by the Commissioners of the Sinking Fund as investments of the Sinking Funds Nos. 1 and 2 for the Redemption of the City Debt, as of December 31, 1892, consisting of stocks and bonds of the City and County of New York, amounting to the sum of \$53,337,606.81, as follows:

Sinking Fund for the Redemption of the City Debt, No. 1 ..... \$48,787,606 81  
Sinking Fund for the Redemption of the City Debt, No. 2 ..... 4,550,000 00  
Total ..... \$53,337,606 81

The cash in both Sinking Funds on December 31, 1892, was \$3,194,799.77; the sum of \$2,269,739.46 in Sinking Fund No. 1, and \$925,060.31 in Sinking Fund No. 2, making the total amount of securities and cash in the Sinking Funds for the Redemption of the City Debt, \$56,532,406.58.

Besides the cash and securities in the Sinking Funds as above stated, the cash in the Sinking Fund for the Payment of Interest on the City Debt on December 31, 1892, amounted to \$502,914.15.

Respectfully,

THEO. W. MYERS, Comptroller.

*Statement of Bonds and Stocks of the City and County of New York held by the Commissioners of the Sinking Fund as Investments December 31, 1892.*

Sinking Fund Redemption No. 1.				
3 per cent.	Additional Croton Water Stock.....	1899	\$259,000 00	
4 "	Additional Croton Water Stock.....	1899	2,230,000 00	
2½ "	Additional Croton Water Stock.....	1904	300,000 00	
3 "	Additional Croton Water Stock.....	1904	2,000,000 00	\$4,789,000 00
2½ "	Additional Water Stock.....	1907	\$950,000 00	
3 "	Additional Water Stock.....	1907	750,000 00	
3 "	Additional Water Stock.....	1913-1933	45,000 00	1,745,000 00
2½ "	Armory Bonds.....	1907	\$213,500 00	
3 "	Armory Bonds.....	1907	122,478 50	
3 "	Armory Bonds.....	1910	506,656 88	842,635 78
3 "	Assessment Bonds (Improvement of Harlem River and Spuyten Duyvil Creek).....	On or after 1888	\$75,000 00	
2½ "	Assessment Bonds (Chapter 420, Laws 1886).....	On or after 1890	50,000 00	
3 "	Assessment Bonds (Chapter 420, Laws 1886).....	On or after 1890	620,000 00	
3 "	Assessment Bonds (Chapter 420, Laws 1886).....	On or after 1891	35,000 00	
3 "	Assessment Bonds (Chapter 420, Laws 1886).....	1893	35,000 00	
3 "	Assessment Bonds (Riverside Avenue).....	On or after 1890	30,000 00	
2½ "	Assessment Bonds (One Hundred and Fifty-fifth Street Viaduct).....	1893	5,000 00	
3 "	Assessment Bonds (One Hundred and Fifty-fifth Street Viaduct).....	1893	545,000 00	
3 "	Assessment Bonds (Fort Washington Ridge Road).....	1895	4,802 90	
3 "	Assessment Bonds (Section 150).....	1893	1,000,000 00	
3 "	Assessment Bonds (Section 150).....	1895	1,550,000 00	
2½ "	Assessment Bonds (Section 150).....	1894	518,000 00	
3 "	Assessment Bonds (Section 144).....	1895	700,000 00	
3 "	Assessment Bonds (Section 144).....	1896	650,000 00	5,817,802 90
5 "	Assessment Fund Stock.....	1903	\$500 00	
6 "	Assessment Fund Stock.....	1903	156,100 00	
6 "	Assessment Fund Stock.....	1910	364,850 00	521,450 00
5 "	Central Park Fund Stock.....	1898	\$39,500 00	
6 "	Central Park Fund Stock.....	1898	2,000 00	41,500 00
6 "	Central Park Improvement Fund Stock.....	1895	.....	951,300 00
6 "	City Parks Improvement Fund Stock.....	1901	\$1,371,500 00	
6 "	City Parks Improvement Fund Stock.....	1902	685,000 00	
6 "	City Parks Improvement Fund Stock.....	1903	701,000 00	
5 "	City Parks Improvement Fund Stock.....	1904	336,000 00	
6 "	City Parks Improvement Fund Stock.....	1904	125,000 00	3,221,500 00
5 "	City Improvement Stock (Consolidated Stock).....	1900	\$13,616 52	
5 "	City Improvement Stock (Consolidated Stock).....	1896-1926	4,802 71	18,419 23
2½ "	Criminal Court-house Bonds.....	1900-1908	\$35,000 00	
3 "	Criminal Court-house Bonds.....	1900-1908	100,000 00	
3 "	Criminal Court-house Bonds.....	1901-1908	300,000 00	
3 "	Criminal Court-house Bonds.....	1902-1908	450,000 00	
3 "	Criminal Court-house Bonds.....	1903-1908	100,000 00	985,000 00
6 "	Consolidated Stock.....	1894	.....	500,000 00
6 "	Consolidated Stock, "D".....	1896-1926	\$525 00	
6 "	Consolidated Stock, "E".....	1896-1916	1,824 40	
5 "	Consolidated Stock, "G".....	1897	169,000 00	
3 "	Consolidated Stock, "K".....	1893	14,500 00	
5 "	Consolidated Stock, "L".....	1899	28,173 19	
4 "	Consolidated Stock, "M".....	1899	649,327 59	
5 "	Consolidated Stock, "M".....	1899	12,235 17	
3 "	Consolidated Stock (Metropolitan Museum of Art).....	1905	\$25,000 00	875,565 35



2½ per ct.	Consolidated Stock (Completion, etc., of Metropolitan Museum of Art).....	1913	\$120,000 00	
3 "	Consolidated Stock (Completion, etc., of Metropolitan Museum of Art).....	1913	192,000 00	
3 "	Consolidated Stock (North Extension, Metropolitan Museum of Art).....	1913	300,000 00	
3 "	Consolidated Stock (Boiler House, etc., North Wing, Metropolitan Museum of Art).....	1912	10,000 00	
2½ "	Consolidated Stock (Approaches to Metropolitan Museum of Art).....	1907	30,000 00	
3 "	Consolidated Stock (Approaches to Metropolitan Museum of Art).....	1907	10,000 00	
3 "	Consolidated Stock (Bridge over Harlem River).....	1906	\$50,000 00	\$687,000 00
3 "	Consolidated Stock (Bridge over Harlem River).....	1907	350,000 00	
3 "	Consolidated Stock (Bridge over Harlem River).....	1908	800,000 00	
2½ "	Consolidated Stock (Bridge over Harlem River).....	1909	325,100 00	
2½ "	Consolidated Stock (Bridge over Harlem River).....	1910	14,500 00	
3 "	Consolidated Stock (Bridge over Harlem River).....	1910	16,650 00	
3 "	Consolidated Stock (Bridge over Harlem River).....	1911	89,500 00	
3 "	Consolidated Stock (Bridge over Harlem River).....	1912	60,078 80	1,765,836 80
3 "	Consolidated Stock (Revenue Bonds, Gansevoort Market).....	1907	\$120,000 00	
3 "	Consolidated Stock (Revenue Bonds, Gansevoort Market).....	1908	330,000 00	
3 "	Consolidated Stock (Revenue Bonds, Gansevoort Market).....	1909	53,715 15	503,715 15
2½ "	Consolidated Stock (Improvement of Morningside Park).....	1907	\$100,000 00	
3 "	Consolidated Stock (Improvement of Morningside Park).....	1907	150,000 00	
2½ "	Consolidated Stock (Bays and Stairways, Morningside Park).....	1907	10,000 00	
3 "	Consolidated Stock (Bays and Stairways, Morningside Park).....	1907	65,000 00	
3 "	Consolidated Stock (Parapet Wall, Morningside Park).....	1907	70,000 00	395,000 00
3 "	Consolidated Stock (Wall in Central Park on One Hundred and Tenth Street).....	1907	.....	37,000 00
3 "	Consolidated Stock (Gentlemen's Cottage, Mount Morris Park).....	1907	.....	6,250 00
2½ "	Consolidated Stock (Return Wall, etc., East River Park).....	1907	\$3,500 00	
3 "	Consolidated Stock (Return Wall, etc., East River Park).....	1907	7,000 00	
3 "	Consolidated Stock (East River Park).....	1911	54,118 88	552,618 88
2½ "	Consolidated Stock (Improvement Riverside Park).....	1907	\$25,000 00	
3 "	Consolidated Stock (Improvement Riverside Park).....	1907	35,000 00	
3 "	Consolidated Stock (Improvement Riverside Park, Paving, etc.).....	1907	8,500 00	68,500 00
3 "	Consolidated Stock (Transverse Road No. 2, Central Park).....	1907	.....	4,000 00
2½ "	Consolidated Stock (Landscape Improvement, Central Park).....	1907	\$15,000 00	
3 "	Consolidated Stock (Landscape Improvement, Central Park).....	1907	30,000 00	45,000 00
2½ "	Consolidated Stock (Enlarging Building, etc., American Museum of Natural History).....	1913	\$195,000 00	
3 "	Consolidated Stock (Enlarging Building, etc., American Museum of Natural History).....	1913	205,000 00	
2½ "	Consolidated Stock (Completion of Addition to Building of American Museum of Natural History).....	1913	10,000 00	
3 "	Consolidated Stock (Completion of Addition to Building of American Museum of Natural History).....	1913	390,000 00	800,000 00
2½ "	Consolidated Stock (For New Parks, etc.).....	1909-1929	.....	446,000 00
2½ "	Consolidated Stock (Parade Ground, Van Cortlandt Park).....	1909	\$12,500 00	
3 "	Consolidated Stock (Parade Ground, Van Cortlandt Park).....	1909	89,500 00	102,000 00
2½ "	Consolidated Stock (Repaving Streets and Avenues).....	1909	\$895,000 00	
3 "	Consolidated Stock (Repaving Streets and Avenues).....	1909	105,000 00	
3 "	Consolidated Stock (Repaving Streets and Avenues).....	1911	1,000,000 00	3,000,000 00
3 "	Consolidated Stock (Repaving Streets and Avenues).....	1913	1,000,000 00	
2½ "	Consolidated Stock (Foundation Wall, etc., Mount Morris Park).....	1907	\$5,000 00	
3 "	Consolidated Stock (Foundation Wall, etc., Mount Morris Park).....	1907	15,000 00	20,000 00
3 "	Consolidated Stock (Railway, Transverse Road No. 3, Central Park).....	1894	.....	12,000 00
3 "	Consolidated Stock (Fifth District Police and Ninth Judicial District Courts).....	1911	\$75,000 00	
3 "	Consolidated Stock (Fifth District Police and Ninth Judicial District Courts).....	1912	75,000 00	150,000 00
3 "	Consolidated Stock (Bridge No. 26, Central Park).....	1907	.....	12,000 00
3 "	Consolidated Stock (Rutgers Slip Park).....	1911	.....	5,000 00
3 "	Consolidated Stock (Harlem River Bridge at One Hundred and Fifty-fifth Street).....	1916	.....	170,000 00
3 "	Consolidated Stock (Castle Garden, etc.).....	1912	.....	20,000 00
3 "	Consolidated Stock (Tool House and Wagon Shed, Central Park).....	1907	.....	5,000 00
3 "	Consolidated Stock (Buildings, etc., Ward's Island and Central Park).....	1902	.....	25,000 00
3 "	Consolidated Stock (Harlem River Bridge at Third Avenue).....	1914	.....	1,000 00
3 "	Consolidated Stock (Harlem Ship Canal Bridge).....	1914	.....	1,000 00
5 "	Croton Water Main Stock.....	1900	\$248,000 00	
6 "	Croton Water Main Stock.....	1900	972,000 00	
7 "	Croton Water Main Stock.....	1900	44,000 00	
4 "	Croton Water Main Stock.....	1905	15,000 00	
5 "	Croton Water Main Stock.....	1906	1,276,000 00	2,555,000 00
6 "	Dock Bonds.....	1902	\$250,000 00	
6 "	Dock Bonds.....	1904	976,000 00	
6 "	Dock Bonds.....	1905	321,200 00	
5 "	Dock Bonds.....	1906	278,000 00	
6 "	Dock Bonds.....	1906	150,000 00	
5 "	Dock Bonds.....	1907	460,800 00	
5 "	Dock Bonds.....	1908	372,000 00	
5 "	Dock Bonds.....	1909	300,000 00	
5 "	Dock Bonds.....	1910	520,000 00	
4 "	Dock Bonds.....	1911	672,000 00	
5 "	Dock Bonds.....	1911	191,000 00	
4 "	Dock Bonds.....	1912	1,080,000 00	
4 "	Dock Bonds.....	1913	820,000 00	
3 "	Dock Bonds.....	1914	270,000 00	
4 "	Dock Bonds.....	1914	175,000 00	
3 "	Dock Bonds.....	1918	500,000 00	
2½ "	Dock Bonds.....	1919	50,000 00	
2½ "	Dock Bonds.....	1920	400,000 00	

3 per cent.	Dock Bonds.....	1921	\$450,000 00	
3 "	Dock Bonds.....	1922	2,480,000 00	
3 "	Dock Bonds.....	1923	400,000 00	\$11,116,000 00
6 "	Fire Department Stock, No. 1.....	1899	\$50,000 00	
6 "	Fire Department Stock, No. 2.....	1899	471,952 87	521,952 87
4 "	Museums of Art and Natural History Stock.....	1903	\$2,000 00	
5 "	Museums of Art and Natural History Stock.....	1903	291,000 00	
6 "	Museums of Art and Natural History Stock.....	1903	665,000 00	938,000 00
6 "	Market Stock.....	1897	.....	181,000 00
5 "	New York Bridge Bonds (Consolidated Stock).....	1900-1926	\$421,900 00	
4 "	New York Bridge Bonds (Consolidated Stock).....	1913-1928	450,000 00	
5 "	New York Bridge Bonds (Consolidated Stock).....	1903-1928	300,000 00	
4 "	New York Bridge Bonds (Consolidated Stock).....	1903-1928	416,666 66	
6 "	New York Bridge Bonds.....	1905	1,252,000 00	
3 "	New York Bridge Bonds (Consolidated Stock, Series No. 1).....	1922	100,000 00	
3 "	New York Bridge Bonds (Consolidated Stock, Series No. 2).....	1922	100,000 00	
3 "	New York Bridge Bonds (Consolidated Stock, Series No. 3).....	1922	100,000 00	
3 "	New York Bridge Bonds (Consolidated Stock, Series No. 4).....	1922	30,000 00	3,170,366 66
6 "	New York County Court-house Stock, No. 4.....	1894	.....	100,000 00
5 "	New York County Court-house Stock, No. 5.....	1896	\$105,000 00	
6 "	New York County Court-house Stock, No. 5.....	1896	13,991 07	
4 "	New York County Court-house Stock, No. 5.....	1898	9,500 00	
5 "	New York County Court-house Stock, No. 5.....	1898	234,500 00	362,891 07
3 "	Revenue Bonds (chapter 4, Laws of 1891).....	On or after 1892	\$27,000 00	
3 "	Revenue Bonds (chapter 4, Laws of 1891).....	1893	81,449 57	
3 "	Revenue Bonds (chapter 331, Laws of 1892).....	1893	10,000 00	
3 "	Revenue Bonds (chapter 269, Laws of 1892).....	1893	127,815 35	
3 "	Revenue Bonds (chapter 95, Laws of 1892).....	1893	42,219 00	
3 "	Revenue Bonds (chapter 542, Laws of 1892).....	1893	10,000 00	358,483 92
2½ "	School-house Bonds.....	1897	\$112,537 63	
3 "	School-house Bonds.....	1897	8,000 00	
2½ "	School-house Bonds.....	1908	9,500 00	
3 "	School-house Bonds.....	1908	25,023 20	
3 "	School-house Bonds.....	1911	65,537 37	220,598 20
7 "	Soldiers' Bounty Fund Bonds, No. 3.....	1896	.....	100,000 00
Sinking Fund Redemption No. 2.				
3 "	Additional Croton Water Stock.....	1904	.....	150,000 00
3 "	Additional Water Stock.....	1904	\$1,000,000 00	
3 "	Additional Water Stock.....	1907	3,400,000 00	4,400,000 00
Total.....				\$53,337,605 81

I hereby certify that I have compared the foregoing statement of investments with the ledger of the Commissioners of the Sinking Fund and the account on the general ledger, and find the same to be correct. I further certify that the cash balance to credit of the Sinking Funds for the Redemption of the City Debt in the City Treasury at close of business December 31, 1892, was:

Redemption Fund No. 1.....	\$2,269,739 46
Redemption Fund No. 2.....	925,060 31
Total cash.....	3,194,799 77
Making the total assets, investments and cash.....	\$56,532,406 58

I. S. BARRETT, General Bookkeeper.

NEW YORK, January 19, 1893.

Resolved, That a committee of two members of this Board be appointed by the Chairman to examine the securities held as investments by the Commissioners of the Sinking Fund, as of December 31, 1892, and report thereon at an early date.

Which resolution was adopted.

The Mayor appointed the Recorder and the Chamberlain as such committee.

The Comptroller presented the following report and resolution for leasing the ferry from Tenth street, East river, to Greenpoint, Long Island:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The lease of the ferry from the foot of Tenth street, East river, to Greenpoint, on Long Island, will expire February 1, 1893, and I submit a resolution to authorize the necessary measures to be taken for selling at public auction to the highest bidder, the franchise of this ferry at a minimum yearly rental and upon terms and conditions specified. The City does not own the wharf property at either landing.

The present rental is \$4,000 per annum, and it is recommended that the new rental be fixed at \$5,000 per annum.

Respectfully,  
THEO. W. MYERS, Comptroller.

Resolved, That the Comptroller be and he is hereby authorized to take measures to advertise and sell at public auction to the highest bidder, as provided by law, the lease of the franchise of the ferry to and from the foot of East Tenth street, in the City of New York, over and across the waters of the East river, from and to Greenpoint, on Long Island, the term of which will expire February 1, 1893, for a new term of five years from that date, the minimum yearly rental or upset price of such ferry being hereby appraised and fixed at five thousand dollars (\$5,000) per annum, payable quarterly, upon the following

TERMS AND CONDITIONS OF SALE.

The highest bidder for the ferry franchise will be required to pay the auctioneer's fee and to deposit with the Comptroller, at the time of sale, a sum equal to twenty-five per cent. of the amount of the yearly rental bid, which shall be credited on the rent of the first quarter, or be forfeited to the City if the lease shall not be executed by the purchaser when notified and required by the Comptroller, and shall execute an obligation with sufficient sureties to that effect at the time of sale.

The lessee of the ferry will also be required to give a bond in double the amount of the yearly rental, with two sufficient sureties, approved by the Comptroller, and conditioned for the faithful performance of the terms and conditions of the lease, which will be such as are required by law and the ordinances of the Common Council relating to ferries and are usually contained in ferry leases,



which shall be approved by the Counsel to the Corporation, including a covenant to vacate the landing in New York on four months' notice by the Department of Docks for improvement of the water-front.

If the present lessee shall not become the purchaser of the franchise for another term, the highest bidder will be also required to purchase and pay for, at a fair appraised valuation, the ferry-boats and the structures at the landing in the City of New York, used and necessary for the operation of said ferry, upon the termination of the existing lease and the surrender and yielding up of the premises by the present lessee.

The rates for ferriage shall not exceed those heretofore and now charged at said ferry.

The report was accepted and the resolution unanimously adopted.

At this time the Chamberlain appeared and thereafter participated in the proceedings of the Board.

The Comptroller presented the following report and resolution for leasing ferries, as follows:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The leases of the franchises of several ferries will expire May 1, 1893, and I submit a resolution to authorize the necessary measures to be taken for selling at public auction, to the highest bidders, the franchises of these several ferries, together with the wharf property belonging to the City (if any) used and required for ferry purposes at each of such ferries.

Respectfully,

THEO. W. MYERS, Comptroller.

Resolved, That the Comptroller be and is hereby authorized to take measures to advertise and sell at public auction, to the highest bidders, as provided by law, the leases of the franchises of the following ferries for a term of five years from May 1, 1893, together with the wharf property belonging to the Corporation of the City of New York (if any) which is used and required for ferry purposes, upon the usual terms and conditions of sale, with a covenant providing for the purchase by a new lessee of the boats and other property necessary for the operation of a ferry, the minimum yearly rental or upset price of such ferry to be hereafter appraised and fixed by this Board upon the report of the Comptroller, viz:

1. Ferry from foot of Whitehall street to Staten Island.
2. Ferry from Pier 1, East river, to Bay Ridge, Long Island.
3. Ferry from foot of East Houston street to Grand street, Brooklyn.
4. Ferry from James Slip to Long Island City.

On motion of the Chairman of the Committee on Finance, Board of Aldermen, the sale of the ferry from Pier 1, East river, to Bay Ridge, Long Island, was taken out of the resolution, and referred to the Comptroller.

The report was then accepted and the resolution, as amended, unanimously adopted.

The following communication was received from the Commissioner of Public Works relative to contract of P. K. Lantry for carpenter work on the new Criminal Court Building:

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
NO. 31 CHAMBERS STREET,  
NEW YORK, January 24, 1893.

Hon. THOMAS F. GILROY, Chairman, Commissioners of the Sinking Fund:

DEAR SIR—It becomes my duty to place before the Commissioners of the Sinking Fund for such action as they may deem proper the delays and delinquencies in the performance of the contract of Mr. P. K. Lantry, dated March 11, 1890, for the carpenter work on the new Criminal Court Building.

From the records of the Department I find that the first notice to Mr. Lantry from the Commissioner of Public Works is dated, and was served upon him September 9, 1892, declaring that he was not making proper progress with the work, thereby causing hindrance and delay in the performance of the plastering work. The delay in his work was then attributed to difficulties or differences which he had with the labor organization known as the "Building Trades' Association," or a branch thereof. He was again notified and called upon under date of October 7, 1892, to make arrangements whereby his work would be prosecuted with the necessary speed required by the terms of his contract, and to that end he was requested to meet a Committee of the Carpenters' Union at the office of the Commissioner of Public Works with the object of arriving at an understanding whereby his work would not be further delayed on that account. The meeting was held at the Commissioner's office with the apparent result of removing the then existing difficulties, but Mr. Lantry continued to lag behind the contract time in the progress of his work as is evidenced by reports made from time to time by the Superintendent of Repairs and Supplies, and by notices sent to Mr. Lantry from this office, dated, respectively, November 10, 14, and 22 and December 24, ultimo, and January 9, instant.

Mr. Lantry has been afforded every possible facility for the more rapid prosecution of his work, and every possible indulgence which this Department has felt justified in granting him before placing the matter before the Commissioners of the Sinking Fund.

On the approach of the present winter season every possible endeavor was made on the part of this Department to complete the roofing and enclosure of the building so that the interior work of carpentering, plastering, plumbing, etc., could be continued during the winter, and to that end, authority was obtained from your Commission to enter into a contract with the Q. N. Evans Construction Company which has the original contract for the heating, ventilating and elevator apparatus, to put in the necessary temporary appliances and heat the building during this winter. Under this supplementary contract the building has been heated since about December 10, ultimo, at a cost of about \$95 per day to the City.

The Superintendent of Repairs and Supplies now reports to me that at the present time there are 135 rooms in the building ready for the carpenter work; that about 100 carpenters could be conveniently and advantageously employed on this work and that Mr. Lantry has at work only one foreman, seven journeymen and three apprentices.

It is evident from the foregoing that Mr. Lantry persistently disregards the notices and orders from this Department and the obligations of his contract; and I, therefore, place the whole matter before the Commissioners of the Sinking Fund, through you, for such action as may be deemed proper under the circumstances.

Very respectfully,

MICHAEL T. DALY, Commissioner of Public Works.

On motion of the Recorder, the communication was referred to the Comptroller and the Counsel to the Corporation to take such measures as they may deem proper for the purpose of having the contract forfeited.

The Comptroller presented the following statement and resolution on refunding Croton water rents paid in error:

Applications have been made, as per statement herewith, for the refund of Croton water rents paid in error. The applications are severally approved by the Commissioner of Public Works, the Receiver of Taxes, or the Clerk of Arrears, and the amount so paid, five hundred and seventy-one dollars and ten cents (\$571.10), has been deposited in the City Treasury to the credit of the Sinking Fund for the Payment of Interest on the City Debt.

Respectfully submitted,

I. S. BARRETT, General Bookkeeper.

Water Register—Refunds.

Abraham Bassford, executor, meter.....	\$4 80
Katie Greenbaum, agent.....	28 50
William N. Hoyt.....	18 00
Helen D. Adams.....	12 00
Isidor Isaac.....	30 00
Maria L. Frith.....	36 00
Charles H. Nash, administrator, meter.....	33 80
Sarah H. Emerson.....	12 50
W. Harris Roome, agent.....	8 40
Henry Allen.....	41 80
William Eckhardt, agent.....	46 60

\$272 40

Receiver of Taxes—Refunds.

Samuel B. Porter.....	\$55 00
C. R. Maltby & Bro.....	14 95
M. A. Wright.....	4 60
Samuel H. Knapp, taxes also.....	12 20
Francis J. Deraismes.....	48 70
Phoebe A. Brown.....	15 80
Albert Cappelle.....	53 50
Estate of William Tilden.....	58 00
W. E. Andrews.....	10 35
Henry A. Loderhoos.....	9 20

282 30

Clerk of Arrears—Refunds.

F. Meyer.....	16 40
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Total..... \$571 10

Resolved, That a warrant, payable from the Sinking Fund for the Payment of Interest on the City Debt, be drawn in favor of the Chamberlain for the sum of five hundred and seventy-one dollars and ten cents (\$571.10), for deposit in the City Treasury to the credit of "Croton Water Rent—Refunding Account," for refunding erroneous payments of Croton water rents, as per statement herewith.

Which resolution was unanimously adopted.

The Comptroller presented the following statement and resolution on fines payable to the New York Society for the Prevention of Cruelty to Children:

Fines for cruelty to children were imposed and collected by Courts of General Sessions and Special Sessions during the month of December, 1892, as per statement following. The cases were severally prosecuted by officers of the New York Society for the Prevention of Cruelty to Children; pursuant to section 5, chapter 122, Laws of 1876, the said society is entitled to the amount of such fines.

The amount collected has been deposited in the City Treasury to credit of the Sinking Fund for the Payment of the Interest on the City Debt.

Respectfully submitted,

I. S. BARRETT, General Bookkeeper.

STATEMENT OF FINES COLLECTED.

Court of Special Sessions.

1892.		
Dec. 5.	Moses H. Bolhm.....	\$100 00
" 8.	Dora Goldstein.....	25 00
" 13.	John Kuttner.....	25 00
" 27.	Minnie Furner.....	25 00
" 29.	Paul Roehl.....	25 00

\$200 00

Court of General Sessions.

1892.		
Dec. 15.	Frances Hastings.....	\$250 00
" 16.	Fannie Lang.....	250 00
" 16.	Fannie Lang.....	250 00

750 00

\$950 00

Resolved, That a warrant, payable from the Sinking Fund for the Payment of the Interest on the City Debt, be drawn in favor of the New York Society for the Prevention of Cruelty to Children for the sum of nine hundred and fifty dollars, being the amount of fines for cruelty to children imposed and collected by the Courts of General Sessions and Special Sessions, as per statement herewith, and payable to the said society pursuant to section 5, chapter 122, Laws of 1876.

Which resolution was unanimously adopted.

The Comptroller presented the following statement and resolution on fines payable to the American Society for the Prevention of Cruelty to Animals:

Fines for cruelty to animals were imposed and collected by Court of Special Sessions during the month of December, 1892, as per statement following, pursuant to section 6, chapter 490, Laws of 1888. Such fines are payable to the American Society for the Prevention of Cruelty to Animals.

The amount of fines has been deposited in the City Treasury to credit of the Sinking Fund for the Payment of the Interest on the City Debt.

Respectfully submitted,

I. S. BARRETT, General Bookkeeper.

Statement of Fines for Cruelty to Animals, Court Special Sessions.

1892.			1892.		
Dec. 1.	John Donnelly.....	\$5 00	Dec. 12.	Albert A. Morse.....	\$2 00
" 5.	Morris Vietorawitch.....	1 00	" 12.	John Rowl.....	5 00
" 5.	Marx Woldoski.....	10 00	" 16.	Daniel Hynes.....	5 00
" 5.	Joseph Kinttel.....	2 00	" 19.	Jacob Pheltman.....	5 00
" 5.	Joseph Brosser.....	5 00	" 19.	Thomas Corcoran.....	1 00
" 5.	Thomas Smith.....	10 00	" 22.	Dederich Pheltman.....	5 00
" 5.	John Murray.....	5 00	" 27.	Patrick Carney.....	5 00
" 7.	Randolph Asback.....	5 00	" 28.	Max Parrick.....	10 00
" 7.	Frank Ingeman.....	5 00	" 29.	Michael Gerella.....	5 00
" 8.	Peter Moore.....	10 00	" 29.	Tony Freda.....	5 00
" 12.	Joseph Murphy.....	5 00	" 30.	Patrick Cahil.....	5 00
" 12.	Richard Leibenberg.....	5 00			
" 12.	David Mundell.....	5 00			
" 12.	James Dugan.....	5 00			
			Total.....		\$131 00

Resolved, That a warrant, payable from the Sinking Fund for the Payment of the Interest on the City Debt, be drawn in favor of the American Society for the Prevention of Cruelty to Animals, for the sum of one hundred and thirty-one dollars, being the amount of fines for cruelty to animals imposed and collected by the Court of Special Sessions during the month of December, 1892, as per statement herewith, and payable to the said society, pursuant to section 6, chapter 490, Laws of 1888.

Which resolution was unanimously adopted.

The Comptroller presented the following statement and resolution on fines payable to the Dental Society of the State of New York:

On December 7, 1892, one David Kullman was convicted in Court of Special Sessions and fined fifty dollars (\$50) for practicing dentistry contrary to the provisions of chapter 528, Laws of 1892.

The case was prosecuted by the Dental Society of the State of New York; which society, pursuant to section 3, of the said statute, is entitled to the amount of fine so imposed and collected.

The amount of fine was deposited in the City Treasury, to credit of the Sinking Fund for the Payment of the Interest on the City Debt.

Respectfully submitted,

I. S. BARRETT, General Bookkeeper.

Resolved, That a warrant, payable from the Sinking Fund for the Payment of the Interest on the City Debt, be drawn in favor of the Dental Society of the State of New York for the sum of fifty dollars (\$50), being the amount of fine imposed upon and collected from David Kullman for practicing dentistry contrary to law, and payable to said society pursuant to section 3, chapter 528, Laws of 1892.

Which resolution was unanimously adopted.

The Comptroller presented the following statement and resolution on fines payable to the Medical Society of the County of New York:



In Court of Special Sessions, December 30, 1892, one Emil Kraft was convicted and find \$200 for illegally practicing medicine. The fine was paid to the Warden, Workhouse, Blackwell's Island, and has been duly deposited in the City Treasury to credit of the Sinking Fund for the Payment of the Interest on the City Debt.

The Medical Society of the County of New York, as complainant in this case, is entitled to the amount of said fine, pursuant to section 6, chapter 647, Laws of 1887.

Resolved, That a warrant, payable from the Sinking Fund for the Payment of the Interest on the City Debt, be drawn in favor of the Medical Society of the County of New York for the sum of two hundred dollars (\$200), being the amount of fine imposed upon Emil Kraft for practicing medicine contrary to the provisions of chapter 647, Laws of 1887, as per statement herewith, and payable to the said society pursuant to section 6 of said statute.

Which resolution was unanimously adopted.

The Comptroller presented the following statement and resolution on fines payable to the College of Pharmacy:

From the returns of the Court of Special Sessions it appears that the following fines were imposed and collected for violations of the Pharmacy Law:

Oct. 27, 1892.	Paul H. Zagat	50 00
Nov. 10, "	Leo R. Nathan	50 00
" 28, "	John Korfmann	50 00
" 30, "	Thomas J. Barnaby	50 00
" 30, "	William Weis	50 00
Total		\$250 00

This total amount was deposited in the City Treasury to credit of the Sinking Fund for the Payment of the Interest on the City Debt.

Pursuant to section 2024 of the New York City Consolidation Act of 1882, the College of Pharmacy is entitled to the above fines, and the trustees of the said college, by their secretary, J. N. Hegeman, respectfully ask for the amount thereof.

Respectfully submitted,

I. S. BARRETT, General Bookkeeper.

Resolved, That a warrant, payable from the Sinking Fund for the Payment of the Interest on the City Debt, be drawn in favor of the Trustees of the College of Pharmacy for the sum of two hundred and fifty dollars, being the amount of fines for violation of the Pharmacy Laws imposed and collected by Court of Special Sessions in months of October and November, 1892, as per statement herewith, and payable to said college pursuant to section 2024 of New York City Consolidation Act of 1882.

Which resolution was unanimously adopted.

The Comptroller presented the following statement and resolution to refund amounts paid in error for street vaults:

Applications are herewith submitted for the refund of amounts overpaid for street vault permits, viz.:

Per Department of Public Parks:	
Park & Tilford, on Seventy-second street, southwest corner of Columbus avenue	\$45 75
Per Department of Public Works:	
J. D. & T. E. Crimmins, on Columbus avenue, southwest corner of Seventy-second street	47 46
Total	\$93 21

The above applications are accompanied with affidavits and certificate of City Surveyor and are duly certified, the one by the Secretary of the Department of Public Parks, approved by the President of the Department, the other certified by the Water Purveyor, approved by Commissioner of Public Works.

The amounts paid were deposited in Sinking Fund for the Redemption of the City Debt.

Respectfully submitted,

I. S. BARRETT, General Bookkeeper.

Resolved, That warrants, payable from the Sinking Fund for the Redemption of the City Debt, be drawn in favor of—

Park & Tilford for	\$45 75
J. D. & T. E. Crimmins for	47 46

—being the amount overpaid in error by these parties respectively for street vault permits, as per statement herewith.

Which resolution was unanimously adopted.

The Comptroller offered the following:

Whereas, The Board of Estimate and Apportionment adopted resolutions on January 10 and 31, 1893, authorizing the issue of additional School-house Bonds, to be known as Consolidated Stock of the City of New York, pursuant to the provisions of chapter 264 of the Laws of 1891, for the purchase of school sites and other school purposes, amounting in all to the sum of ninety-four thousand three hundred and fifty-two dollars and sixty-two cents (\$94,352.62), and requested this Board to exempt said bonds from city and county taxation; therefore

Resolved, That the said stock or bonds, amounting to ninety-four thousand three hundred and fifty-two dollars and sixty-two cents (\$94,352.62), so authorized to be issued by the Board of Estimate and Apportionment, be and hereby are exempted from taxation by the City and County of New York, in pursuance of the provisions of section 137 of the New York City Consolidation Act of 1882, and an ordinance of the Common Council approved by the Mayor October 2, 1880.

Which was unanimously adopted.

The following communication was received from the Board of Police:

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
NO. 300 MULBERRY STREET,  
NEW YORK, January 6, 1893.

To the Honorable Commissioners of the Sinking Fund:

GENTLEMEN—At a meeting of the Board of Police held this day the following proceedings were had:

Resolved, That the resolution, adopted September 16, 1892, requesting the Commissioners of the Sinking Fund to authorize the Comptroller to lease from Christopher Cunningham (for the purposes of the Police Department of the City of New York) premises on the northwest corner of Washington avenue and One Hundred and Sixtieth street, be and is hereby amended so as to read "southwest" corner of such avenue and street instead of "northwest."

Very respectfully,

WM. H. KIPP, Chief Clerk.

Whereupon the Comptroller offered the following:

Resolved, That the resolution adopted by this Board on November 2, 1892, authorizing the lease to the City of certain premises for the Police of the Thirty-third Precinct, be and hereby is amended to read "on the southwest corner of Washington avenue and One Hundred and Sixtieth street," instead of the northwest corner thereof.

Which was unanimously adopted.

The Comptroller presented the following report and resolution approving plans, etc., for platform to be erected by the Fulton Market Fish Mongers' Association, between Piers 22 and 23, East river:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

To the Commissioners of the Sinking Fund:

GENTLEMEN—The Board of Docks, by resolution adopted on October 6, 1892, granted permission to the Fulton Market Fish Mongers' Association to make certain alterations to their market buildings, platform, etc., and do other work under the supervision of the Engineer-in-Chief of the Dock Department, at the slip between Piers 22 and 23, East river, provided an agreement

be filed with the Department of Docks, that when notified by that Department, the association shall build a proper retaining structure and fill in behind it. The said resolution was approved by the Commissioners of the Sinking Fund, by resolution adopted November 2, 1892. The permit was also subject to the consent of the Commissioners of the Sinking Fund to the said alterations. The agreement required by said resolution has been filed with the Dock Department.

The plans and specifications of this work as filed with the Board of Docks are herewith submitted. They have been carefully examined by the Engineer of the Finance Department, at my direction, and are found to be full and sufficient for the purpose.

I offer the following resolution to approve of and consent to the said alterations as set forth in the said plans and specifications.

Respectfully,

THEO. W. MYERS, Comptroller.

Whereas, The Board of Docks on October 6, 1892, adopted the following resolution:

"Resolved, That permission be and hereby is granted to the Fulton Market Fish Mongers' Association to erect a platform between Piers 22 and 23, East river, out to the bulkhead-line of 1871, and to remove to said platform their market buildings, to build a platform between said piers, extending from the easterly line of South street to the market buildings in their new position; also, to remove engine-house on the easterly side of Pier 22, East river, out toward the end of the pier. The said platform to remain only during the pleasure of the Board, and the work to be done under the supervision of the Engineer-in-Chief of this Department; provided that the said Fulton Market Fish Mongers' Association shall, within ten days after receipt hereof, file in this office an agreement in writing, that whenever the slip beneath the platform shall become so foul and filthy as to constitute a nuisance, the said association will build a proper retaining structure and fill in behind the same when notified so to do by this Department."

And Whereas, The building, premises and wharf property now used and occupied as a fish market by the said association at the said location, are leased to it by the City of New York for a period of twenty-one years from May 1, 1884, and by the terms of said lease provision is made for making alterations, additions, and improvements, provided the consent of the Commissioners of the Sinking Fund shall be obtained and approved plans and specifications filed in the office of the Comptroller; and

Whereas, Plans and specifications for certain alterations have been so filed in the said office; therefore

Resolved, That the said plans and specifications be and the same are hereby approved, and the consent of this Board is hereby granted to the Fulton Market Fish Mongers' Association to make the said alterations in conformity with the said plans and specifications.

The report was accepted and the resolution unanimously adopted.

The Comptroller presented the following report and resolutions to authorize a resale of the privilege of supplying refrigeration in New West Washington Market:

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
January 31, 1893.

To the Commissioners of the Sinking Fund:

GENTLEMEN—I have to call your attention again to the failure of the New York Refrigerating Construction Company to supply refrigeration to the New West Washington Market, under its agreement, and to inform you, also, that the company is now in arrears in its payments in the sum of \$12,375.

I have endeavored to collect from the sureties on the bond the sum of \$10,000, for which they are obligated for the faithful performance of the contract, but without success. They offer to pay only \$4,500 in settlement. It is believed that they are responsible for the amount of the bond, and the Counsel to the Corporation has begun legal proceedings to enforce the obligation.

In view of this state of affairs, and the practical abandonment of the work by the company, I recommend that a resale of the privilege be authorized.

The following resolution is accordingly submitted.

Respectfully,

THEO. W. MYERS, Comptroller.

Whereas, The New York Refrigerating Construction Company has defaulted in its payments under its agreement of May 15, 1890, for the privilege of introducing refrigerating apparatus into the New West Washington Market, and is now indebted to the City in the sum of twelve thousand three hundred and seventy-five dollars; and

Whereas, The bond given by the company to secure the faithful performance of the contract is in the penal sum of ten thousand dollars only, which does not cover the present delinquency; and

Whereas, The sureties on the bond have refused to make good the amount due and owing to the City, and the Counsel to the Corporation has begun legal proceedings against them for the enforcement of their obligations under their bond and agreement; and

Whereas, The company has abandoned the work of supplying refrigeration to the market; therefore

Resolved, That the contract with the New York Refrigerating Construction Company of May 15, 1890, for supplying refrigeration in the New West Washington Market be and hereby is canceled and annulled.

Resolved, That the Comptroller be and hereby is authorized and directed to sell at public auction on at the Comptroller's office, at 12 o'clock M., to the highest bidder the right or privilege of introducing suitable and approved refrigerating apparatus into the New West Washington Market, for the term of ten years, to supply the standholders therein with cold air for preserving meats, etc.; the work to be done under the direction of the Commissioner of Public Works, and subject to such conditions as shall be prescribed by the Comptroller; the expense of introducing and maintaining all necessary pipes, connections and fixtures to be borne by the successful bidder; the compensation to be paid to the City for such right or privilege to be five per cent. of the gross receipts for supplying cold air to the standholders, payable quarterly, and the bid for such right or privilege to be an additional amount per annum, payable quarterly for which service of supply of cold air to standholders the charges shall be fair and reasonable, and not to exceed three (3) cents per cubic foot per month of space refrigerated, under an agreement with the City to be executed by the successful bidder, with a bond of ten thousand dollars (\$10,000) to be executed by two sureties approved by the Comptroller; and the work to be completed and ready for operation in ninety (90) days from date of agreement.

On motion of the Recorder, the papers were referred to the Counsel to the Corporation for his opinion as to whether this Board can proceed, as indicated, while the suit is pending.

The following communication was received from the Commissioner of Street Cleaning:

DEPARTMENT OF STREET CLEANING—CITY OF NEW YORK,  
STEWART BUILDING,  
NEW YORK, December 6, 1892.

Hon. THEO. W. MYERS, Comptroller:

DEAR SIR—I beg leave to inclose to you herewith a copy of a communication, which I have this day forwarded to his Honor the Mayor, and which I have received from Hon. G. W. Plunkitt, in which he proposes to lease to the City for the uses of a stable for this Department property at Nos. 424 and 426 East Forty-eighth street, for the action of the Honorable Board of Sinking Fund Commissioners.

Very respectfully,

THOMAS S. BRENNAN, Commissioner of Street Cleaning.

Which was referred to the Comptroller.

Application of Frances J. Storms, for renewal of lease of premises No. 78 Park Row, formerly No. 46 Chatham street.

Referred to the Comptroller.



The following resolutions were received from the Board of Education :

OFFICE OF THE BOARD OF EDUCATION,  
CORNER OF GRAND AND ELM STREETS,  
NEW YORK, January 7, 1893.

(In Board of Education, May 4, 1892.)

Resolved, That the Comptroller be and he hereby is notified that the parcel of land and premises formerly occupied by Grammar School No. 8, situate on the northerly side of Grand street, between South Fifth avenue and Wooster street, in the Eighth Ward, being seventy-five feet wide, front and rear, and one hundred feet deep, are no longer required for school purposes, and that an application will be made by this Board to the Commissioners of the Sinking Fund for the sale of the same, under the provisions of chapter 89 of the Laws of 1881.

Resolved, That, in pursuance of the provisions of chapter 89 of the Laws of 1881, entitled "An act to authorize the Commissioners of the Sinking Fund of the City of New York to sell lands no longer required for school purposes in said city," passed April 8, 1881, the Board of Education of the City of New York hereby makes application to the Commissioners of the Sinking Fund of said city for the sale of the parcel of land and premises situate on the northerly side of Grand street, between South Fifth avenue and Wooster street, in the Eighth Ward of the City of New York, bounded and described as follows :

Beginning at a point on the northerly side of Grand street distant fifty feet easterly from the northeasterly corner of South Fifth avenue and Grand street, and running thence easterly, along the northerly side of Grand street, seventy-five feet ; thence northerly, parallel with South Fifth avenue, one hundred feet ; thence westerly, parallel with Grand street, seventy-five feet, and thence southerly, parallel with South Fifth avenue, one hundred feet, to the point or place of beginning, said parcel of land and premises being no longer required for school purposes ; and that the Clerk of this Board be and he hereby is authorized and directed to properly certify this application, and to present the same to the said Commissioners of the Sinking Fund for their action, as provided in said act.

Extract from the minutes.

ARTHUR McMULLIN, Clerk.

Referred to the Comptroller.

The Comptroller presented the following report and resolution to authorize additional works not included in the specifications to complete the New Criminal Court Building :

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
January 31, 1893.

To the Commissioners of the Sinking Fund :

GENTLEMEN—I present herewith a communication from the Commissioner of Public Works, under date of December 29, 1892, asking for authority to order certain additional works not included in the specifications, which are recommended to be done by the Architect, for the completion of the New Criminal Court Building ; also, a communication from the present Commissioner of Public Works requesting early action thereon by this Board.

The total cost of these additions is estimated at \$27,000. They consist of preparing Janitor's quarters, columns and ornamental plastering, roofs over the porticos on Centre and Elm streets, flooring in two large rooms in the basement and smaller ones adjoining, and concrete floor for attic. The report of the necessity for these improvements comes from the Architect, Mr. Wilson.

It is somewhat difficult to see at this stage of the completion of the building why there should be any additions required, and the question arises immediately why they were not brought out in the original plans for the building and provided for in the contract. The building was started under the most favorable auspices, but from various delays is now many months over time, and added to which this Board is now called upon to authorize an increased expenditure of nearly \$30,000, of which \$5,000 is to pay for producing "better architectural and harmonious effects," which have been discovered by the development of the original plan. I can see no reason whatever why roofs over porticos should not just as much have been an integral part of the original plan as the steps to the building.

The Architect states that two large rooms in the basement and the smaller ones adjoining were not provided with floors in the specification, and he recommends that the floors be concreted. Why was this very essential portion of these rooms left out in the specification ? The very object aimed at in the employment of a firm of architects was to have a building constructed complete in all its parts.

The Architect admits with much regret that these additions are not called for in the specifications, but thinks it of little consequence that they have been overlooked.

In view, however, of the necessity of remedying the architectural defects of the building, and the gain in available space by concreting the floors, especially the attic, furnishing additional room for the storage of public papers and records, I recommend that a supplementary contract be made with Messrs. Dawson & Archer for the work in question.

The law relative to the contracts for this building authorizes an increase of five per cent. of any contract for extra work.

The following resolution is offered for adoption :

Resolved, That the Commissioner of Public Works be and hereby is authorized to enter into a supplementary agreement with Dawson & Archer, as provided by section 5, chapter 371, Laws of 1887, for the additional works not included in the specifications, which are recommended to be done by the Architect and approved by the Commissioner of Public Works, for the completion of the New Criminal Court Building, as specified in his communication under date of December 29, 1892.

Respectfully,

THEO. W. MYERS, Comptroller.

The report was accepted and the resolution unanimously adopted.

COMMUNICATIONS FROM COMMISSIONER OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, December 29, 1892.

Hon. HUGH J. GRANT, Chairman, Commissioners of the Sinking Fund :

DEAR SIR—I transmit herewith a copy of a report by Mr. James W. Wilson, associate architect of the New Criminal Court Building, enumerating certain works not included in the specifications, which are necessary to complete the building.

According to Mr. Wilson's report, the additional works, for which it is necessary that the Commissioners of the Sinking Fund authorize expenditure, are :

Janitor's quarters.....	\$9,000 00
Pilasters, columns and ornamental plastering.....	4,800 00
Roofs over porticos on Centre and Elm streets.....	400 00
Flooring for two large rooms in basement and smaller rooms adjoining same.....	5,000 00
Concrete floor for attic, to be used for storage of papers.....	7,800 00

Total..... \$27,000 00

I respectfully ask the Commissioners of the Sinking Fund for authority to order these additional works to be done.

Very respectfully,

THOS. F. GILROY, Commissioner of Public Works.

NEW YORK, December 23, 1892.

Hon. THOMAS F. GILROY, Commissioner of Public Works, City of New York :

DEAR SIR—In the matter of the New Criminal Court Building, I desire to inform you that it will be necessary to order some additional works, but before any such work shall be ordered, as provided for on page 6, specification, I beg to inform you of the nature of the said works and to give you the reasons for same.

1st. You suggested to me some time ago the propriety of providing suitable Janitor's quarters, no such provision having been made or called for by the plans and specifications. I have had a plan prepared and an approximate estimate of the cost obtained, which amounts to \$9,000.

2d. In the development of our original plans in detail, we find it necessary to produce a better architectural and more harmonious effect in the corridors on the several stories, to introduce certain pilasters and columns which must be constructed of fire-proof material, in connection with the fire-proof partitions. The approximate cost, including the necessary ornamental plastering, will be \$4,800.

3d. The roofs over the porticos on Centre and Elm streets, not called for in the specification. The approximate cost of same is \$400.

4th. The flooring for the two large rooms in the basement, corner of Franklin and Elm and corner of White and Elm streets, together with the smaller rooms adjoining ; same not called for in the specifications. I recommend that said floors be concreted, at an approximate cost of \$5,000.

5th. The idea has suggested itself to me that the attic or, in other words, the space directly under the roof, might be used to a good advantage for the storage of papers and documents belonging to the several departments which may ultimately occupy the building ; in case this may meet with your approval a concrete floor would have to be laid, which would cost \$7,800.

The last item is only a suggestion ; all the others I would strongly recommend. In fact, the 2d, 3d and 4th are absolutely necessary ; and I most respectfully ask your authority, as provided for in the specification, to issue a written order for same at once as the work of finishing is now being retarded.

I desire to add that none of the above items are shown on the plans or called for in the specifications, and while I very much regret that they are not, I do not think it egotism to say that in a work of such magnitude so little has been overlooked. Should you desire any further information on the subject I would suggest that I meet with you at the building where I can demonstrate to you the above facts.

Very respectfully, yours,

JAMES W. WILSON,

Of Thom, Wilson & Schaarschmidt,  
Associate Architects, New Criminal Court Building.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, January 26, 1893.

Hon. THOMAS F. GILROY, Chairman, Commissioners of the Sinking Fund :

DEAR SIR—Permit me to recall attention to a communication, dated 29th ultimo, which you, as Commissioner of Public Works, addressed to Hon. Hugh J. Grant, as Mayor and Chairman, Commissioners of the Sinking Fund, setting forth the necessity of making provision and giving authority for the performance of certain extra or additional work on the New Criminal Court Building, which is not provided for in the existing contracts and specifications.

The Superintendent of Repairs and Supplies reports to me that it is urgently desirable that this additional work be begun at once, and I, therefore, respectfully ask early action on the part of the Commissioners of the Sinking Fund in this matter.

A copy of the communication of December 29 ultimo is herewith inclosed.

Very respectfully,

MICHAEL T. DALY, Commissioner of Public Works.

The following communication was received from the Board of Docks :

CITY OF NEW YORK—DEPARTMENT OF DOCKS,  
PIER "A," N. R., BATTERY PLACE,  
NEW YORK, January 19, 1893.

Hon. THOMAS F. GILROY, Mayor and Chairman of the Commissioners of the Sinking Fund :

SIR—At a meeting of the Board governing this Department, held this date, the following preambles and resolution were adopted :

"Whereas, On the North river, northerly of West One Hundred and Forty-sixth street, there are a number of lots or parcels of land lying between original high-water mark and the easterly line of the right of way of the New York Central and Hudson River Railroad Company, which, by virtue of various grants from the State, belong to and are now the property of the City of New York, which are more specifically set forth in the accompanying maps, as follows :

"No. 1 being from West One Hundred and Forty-sixth street to West One Hundred and Forty-eighth street.

"No. 2 being from West One Hundred and Fifty-fifth street to West One Hundred and Fifty-ninth street.

"No. 3 being from West One Hundred and Sixty-third street to West One Hundred and Seventy-third street.

"No. 4 being from West One Hundred and Eightieth street to West One Hundred and Eighty-third street.

"No. 5 being from West One Hundred and Eighty-fifth street to West One Hundred and Eighty-eighth street.

"No. 6 being from West Two Hundred and Third street to West Two Hundred and Fifth street.

"No. 7 being from West Two Hundred and Thirteenth street to West Two Hundred and Fifteenth street.

"And Whereas, The said areas will not be required for the improvement of the water-front by the Department of Docks ; therefore be it

"Resolved, That maps of the premises referred to be transmitted to the Commissioners of the Sinking Fund, and said lots or parcels of land relegated to their care for such disposition as they may deem proper."

Yours, respectfully,

JAMES J. PHELAN, Commissioner.

Which was referred to the Comptroller.

The following communication was received from the Counsel to the Corporation for lease of new offices for the Law Department :

LAW DEPARTMENT,  
OFFICE OF THE COUNSEL TO THE CORPORATION,  
NEW YORK, January 21, 1893.

To the Commissioners of the Sinking Fund :

DEAR SIR—I understand that the matter of the offices of this Department in the building which it now occupies in part of the building No. 2 Tryon Row, has been referred from your Board to the Comptroller.

In addition to the letter sent to your Board yesterday and to the communication made to it about one year since, I beg leave to call your attention to the following facts in relation to the present accommodations of the Law Department :

The room afforded by the present offices of the Law Department is entirely inadequate for the proper transaction of the public business.

There is not a single department in this office which is not embarrassed for want of room.

The lack of space has made it necessary to put several assistants in the same room, which has produced a crowded condition of the office, and renders it difficult for them to properly transact the business put in their care.

The library has also entirely outgrown the room which it now occupies. The increase of papers and records in the Clerk's office has been so great that it is now difficult to gain access to them, and the consequence is a great loss of time in searching for papers, and in the performance of the duties of the Chief Clerk and his subordinates.

Insufficient as is the room occupied by the Clerk's office and the Record Room in connection therewith, I have been obliged to set apart some of its space for the accommodation of stenographers and typewriters who have been crowded out of the room in which they properly belong. This has already further reduced the space available for the proper custody of the papers and records of the office.

I must also call your attention to the fact that the business of this office, always very large, must in the nature of things, steadily increase, and that want of space, which is already a very serious evil and an impediment to a proper transaction of business, must soon become a still greater obstacle to the proper administration of this Department.

It has already been found absolutely necessary to put some of the subordinates of the Department connected with Street Opening proceedings in a separate building, No. 51 Chambers street, and this separation has caused some inconvenience, and will doubtless produce still more.

In addition to the objections already stated, there is another one which, even if I could obtain sufficient space in this building, would render it inconvenient for the transaction of a public department such as this.

The objection I refer to is the fact that the Clerk's Office and Record Room are on a different floor from the main office, and their separation causes considerable inconvenience, and renders a proper supervision of the entire office extremely difficult.

I request that your Board will take these matters into consideration and give them their due weight in reaching a determination as to the course advisable in relation to the office accommodations of the Law Department.

Yours, respectfully,

WM. H. CLARK, Counsel to the Corporation.

Which was referred to the Comptroller.

The following communication was received from the Secretary of the Civil Service Boards for renewal of lease of offices in the Cooper Union Building :



NEW YORK CITY CIVIL SERVICE BOARDS, COOPER UNION, }  
NEW YORK, January 30, 1893. }

Hon. THOMAS F. GILROY, Mayor and Chairman of the Sinking Fund Commission:

SIR—I beg to state that the lease of the offices of the Civil Service Bureau, rooms 21, 29 and 30 in the Cooper Union, will expire May 1, 1893, and I have to request its renewal for one year from that date upon the same terms and conditions.

Very respectfully, your obedient servant,

LEE PHILLIPS, Secretary and Executive Officer.

Whereupon the Comptroller offered the following:

Resolved, That the Counsel to the Corporation be and hereby is requested to prepare a lease to the City from the "Cooper Union for the Advancement of Science and Art," of the rooms known as Nos. 21, 29 and 30, in the "Cooper Union," for the use of the New York City Civil Service Boards, for the term of one year, from May 1, 1893, at a yearly rental of fifteen hundred dollars (\$1,500), and upon the same terms and conditions as the present lease, the Commissioners of the Sinking Fund deeming the rent fair and reasonable and that it would be for the interest of the City that such lease should be made; and the Comptroller is hereby authorized and directed to execute such lease when prepared and approved by the Counsel to the Corporation, as provided by sections 123 and 181 of the New York City Consolidation Act of 1882.

Which resolution was unanimously adopted.

Letter from Mr. Thomas Rainey, in regard to petition of the New York and Long Island Bridge Company, for grant of land for the bridge piers and anchorages on Blackwell's Island, presented November 2, 1892, requesting that action be taken thereon by the Commissioners of the Sinking Fund.

On motion, the petition was referred to the Mayor, Comptroller and Chairman Committee on Finance, Board of Aldermen, for examination and report.

The Mayor called the attention of the Board to the approval by the Secretary of War of the United States of the modified harbor lines around Riker's Island, East river, by which, when the land under water is surrounded by a bulkhead and filled in, the area of the island will be increased to nearly 500 acres.

The Mayor stated that the Dock Department had prepared plans for rip-rap work, and were getting ready to advertise for proposals. He thought that the consent of the Commissioners of the Sinking Fund should first be obtained, and the plans approved by them before advertisement and contract.

On motion of the Mayor, the Comptroller was requested to confer with the Counsel to the Corporation with reference to the power and duty of this Board in the premises, and report at the next meeting.

Adjourned.

RICHARD A. STORRS, Secretary.

## FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT, }  
NEW YORK, November 5, 1892. }

The Board of Commissioners met this day.

Present—Commissioner S. Howland Robbins, in the chair, and Commissioner Anthony Eickhoff.

### Proposals Opened.

The affidavit of the Supervisor of the City Record as to due publication of advertisements was read and filed and approved forms of contract were submitted.

### For Forage, etc.

No. 1. Horace Ingersoll..... \$5,870 00  
No. 2. John Moonan..... 5,755 00

Each with security deposit, \$150 in currency.

No. 1 was filed and No. 2 was referred to the Comptroller for his action on the sureties, and it was ordered that the security deposits be forwarded to him.  
Recess was then taken to 11 o'clock A. M.

The Board reconvened at the hour stated.

Present—Commissioner S. Howland Robbins, in the chair, and Commissioner Anthony Eickhoff.

### Requisitions, etc.,

were received and disposed of as follows:

### Expenditures Authorized.

For incidental office expenses, quarter ending December 31, 1892:

Secretary .....	\$450 00
Inspector of Combustibles.....	225 00
Fire Marshal .....	120 00
Attorney .....	75 00
Superintendent of Telegraph.....	450 00
Foreman in charge of Repair Shops.....	50 00
Captain in charge of Hospital Stables.....	90 00
Superintendent of Supplies.....	50 00
Plumbing at quarters of Engine 14.....	11 00
" " 21.....	25 75
" " 31.....	26 00
" at Department Headquarters.....	39 50
" at dock, foot of Grand street, East river.....	97 00
" and gas-fitting at quarters of Engine 20.....	40 00
Steam-fitting at quarters of Engine 42.....	23 00
" " 56.....	25 00
" Hospital Stables.....	60 00
" quarters of Engine 54.....	102 00
Straw.....	112 50
Wood.....	300 00
Repairs to flags, clocks, etc.....	250 00

### Filed.

Report of sale of five horses.

Statement of condition of appropriation.

Account of sales of horses.

On motion, the following resolution was adopted:

Resolved, That the action of the Acting President providing for the hiring of a steam launch for the use of the Department on the occasion of the Naval Parade on October 11 last be approved, and that the bill therefor, amounting to twenty-five dollars, be allowed and audited.

### Bills and Pay-rolls Audited,

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

### Schedule No. 147 of 1891, on October 28, 1892.

New Houses for Engine and Hook and Ladder Companies.....	\$1,845 00
Apparatus, supplies, etc.....	53 01
Total.....	\$1,898 01

### Schedule No. 100 of 1892, on October 28.

Apparatus, supplies, etc.....	\$7,563 33
Repairs and alterations of buildings.....	1,164 30
Placing fire-alarm conductors underground.....	766 67
Total.....	\$9,494 30

### Schedule No. 101 of 1892, on October 28.

Apparatus, supplies, etc.....	\$658 05
Placing fire-alarm conductors underground.....	78 75
Salaries.....	1,208 14
Total.....	\$1,944 94

### Schedule No. 102 of 1892, on October 28.

Salaries.....	\$130,336 3 9
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### Schedule No. 103 of 1892, on November 2.

Apparatus, supplies, etc.....	\$647 25
Placing fire-alarm conductors underground.....	78 75
Salaries.....	\$1,268 05
Total.....	\$1,994 05

### Schedule No. 104 of 1892, on November 3.

Apparatus, supplies, etc.....	\$6,131 02
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### Communications, etc.,

were received and disposed of as follows:

### Referred.

Proprietor of Broadway Central Hotel—Applies for direct telegraphic communication with quarters of Engine 33. To the Superintendent of Telegraph.

### Laid Over.

Bernard S. Brown, No. 230 West Eighty-second street—Applying for appointment as "Electrical Inspector."

### Filed.

Civil Service Examining Board—Relative to the examination of Assistant Operator John H. Kavanagh for promotion.

Same—Certifying that Firemen William Reilly, John F. Devanney, Joseph Sherrick and Daniel J. Sheehan are eligible for promotion to position of Assistant Foreman.

Same—Certifying that 1st grade Clerk Warren C. Bennett is eligible for promotion to 2d grade.

Superintendent of Telegraph—Forwarding communication from Board of Electrical Control, asking that North New York Lighting Company be allowed to transfer poles and wires of the Department from east to west side of Jerome avenue, with recommendations. Recommendations approved and communicated to Superintendent of Telegraph.

### Promotions.

To take effect from 1st instant.

Fireman 1st grade William Reilly to be Assistant Foreman Engine 24.

" John F. Devanney to be Assistant Foreman Engine 56.

" Joseph Sherrick to be Assistant Foreman Engine 34.

" Daniel J. Sheehan to be Assistant Foreman Engine 39.

Assistant Operator John H. Kavanagh to be an Operator with salary \$1,380 per annum.

1st grade Clerk Warren C. Bennett to be a Clerk of 2d grade with salary \$1,500 per annum.

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT, }  
NEW YORK, November 10, 1892. }

The Board of Commissioners met this day.

Present—Commissioner S. Howland Robbins, in the chair, and Commissioner Anthony Eickhoff.

### Trials

upon charges preferred against members of the Department as follows, were held, testimony taken and the cases laid over:

Foreman William W. Brown, Engine 48, "absence without leave."

Fireman 1st grade James H. Ging, Hook and Ladder 1, "neglect of duty."

Fireman 1st grade Michael Driscoll, Hook and Ladder 1, "neglect of duty."

Fireman 3d grade Edwin J. Tyler, Hook and Ladder 1, "neglect of duty," "disobedience of orders" and "absence without leave."

Fireman 1st grade Albert E. Jenkins, Engine 7, "absence without leave" (three specifications).

Fireman 3d grade William D. McCarron, Hook and Ladder 8, "neglect of duty."

Fireman 2d grade George Gansmann, Hook and Ladder 6, "neglect of duty."

Fireman 3d grade John J. Garrity, Engine 9, "violation of section 73, article VI., Rules and Regulations."

Fireman 1st grade Henry Rehwinkel, Engine 9, "violation of section 73, article VI., Rules and Regulations."

Fireman 1st grade Frank Murphy, Hook and Ladder 20, "absence without leave."

Fireman 1st grade Edward J. Lacey, Engine 20, "absence without leave" (four charges), and "disobedience of orders."

Fireman 3d grade Michael Hayden, Engine 51, "neglect of duty," and "violation of section 71, article VI., Rules and Regulations."

Fireman 1st grade James Kelly No. 2, Hook and Ladder 12, "neglect of duty."

Engineer of Steamer Daniel J. Fagan, Engine 40, "neglect of duty."

Fireman 1st grade James Curran, Engine 40, "neglect of duty."

Engineer of Steamer Adam Feit, Engine 22, "violation of section 71, article VI., Rules and Regulations."

Fireman 1st grade Daniel F. O'Neil, Engine 22, "neglect of duty."

Pilot Patrick K. Roche, Engine 43, "reckless steering" (three specifications).

### Requisitions, etc.,

were received and disposed of as follows:

### Expenditures Authorized.

Furnace repairs at quarters of Engine 12.....	\$41 50
Steam-fitting at quarters of Engine 17.....	43 00

### Referred.

Resolution of Board of Estimate and Apportionment, requesting statement of unexpended balances. To the Bookkeeper.

### Filed.

Statement of condition of appropriation.

Receipt for security deposits.

### Contract Awarded.

For forage, etc., to John Moonan.....	\$5,755 00
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### Bills and Pay-rolls Audited

and ordered to be transmitted to Finance Department for payment.

### Schedule No. 105 of 1892, on November 10, 1892.

Apparatus, supplies, etc.....	\$644 75
Placing fire-alarm conductors underground.....	78 75
Salaries.....	1,281 35
Total.....	\$2,004 85

### Communications, etc.,

were received and disposed of as follows:

### Referred.

Petition of Engineer of Steamer Patrick Riley, Engine 51, to be placed on retired list. To the Medical Officer for examination.

### Filed.

Report of Chief of Department—Relative to sending apparatus to Brooklyn, in response to call for aid on 5th instant.

Report of Chief of Eighth Battalion—As to meritorious action of members of Department at fire No. 351 East Fifty-first street, on 1st instant.

Report of members relieved from School of Instruction.

From Dock Department—Stating that spring-piles will be placed at Pier 55, East river. Receipt of to be acknowledged with thanks.

### Appointment.

Frank Sippelius, as Oil Collector, Bureau of Combustibles, from 15th instant, at salary of \$1,200 per annum.

Adjourned.

CARL JUSSEN, Secretary.



HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, November 14, 1892.

The Board of Commissioners met this day.  
Present—President Henry D. Purroy, in the chair, and Commissioners S. Howland Robbins and Anthony Eickhoff.

## Decisions

in cases in which testimony was taken on 10th instant:  
Foreman William W. Brown, Engine 48. Found guilty, and reprimanded by the President and transferred.

Fireman 1st grade James H. Ging, Hook and Ladder 1. Fined five days' pay.  
Fireman 1st grade Michael Driscoll, Hook and Ladder 1. Fined two days' pay.  
Fireman 3d grade Edwin J. Tyler, Hook and Ladder 1. Fined seven days' pay.  
Fireman 1st grade Albert E. Jenkins, Engine 7. Fined ten days' pay and warned.  
Fireman 3d grade William D. McCarron, Hook and Ladder 8. Fined four days' pay.  
Fireman 2d grade George Ganssman, Hook and Ladder 6. Fined seven days' pay.  
Fireman 3d grade John J. Garrity, Engine 9. Reprimanded by the President.  
Fireman 1st grade Henry Rehwinkel, Engine 9. Fined three days' pay.  
Fireman 1st grade Frank Murphy, Hook and Ladder 20. Fined four days' pay.  
Fireman 1st grade Edward J. Lacey, Engine 20. Dismissed the service from the 16th instant.  
Tender of resignation and request to withdraw same were filed.  
Fireman 3d grade Michael Hayden, Engine 51. Fined ten days' pay and warned.  
Fireman 1st grade James Kelly, No. 2, Hook and Ladder 12. Fined two days' pay.  
Engineer of Steamer Daniel J. Fagan, Engine 40. Fined ten days' pay.  
Fireman 1st grade James Curan, Engine 40. Fined five days' pay.  
Engineer of Steamer Adam Feit, Engine 22. Sentence suspended and referred to the Medical Officers for examination.  
Fireman 1st grade Daniel F. O'Neil, Engine 22. Reprimanded by the President.  
Pilot Patrick K. Roche, Engine 43. Fined five days' pay and reprimanded.

## Bills and Pay-rolls Audited

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

Schedule No. 106 of 1892, on November 11.

Apparatus, supplies, etc. \$2,542 00

Schedule No. 107 of 1892, on this date.

Apparatus, supplies, etc. \$1,242 75

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, November 15, 1892.

The Board of Commissioners met this day.  
Present—Commissioner S. Howland Robbins, in the chair, and Commissioner Anthony Eickhoff.

## Discharged.

Stableman Thomas Hart, from 16th instant.

## Transfer.

Stableman George W. Searing, from Hospital Stable to Headquarters, as Driver at \$2 per day, from 17th instant.

## Requisitions, etc.

On motion, the following resolution was adopted:  
Resolved, That the time for furnishing one third and two second size La France steam fire-engines to this Department by the La France Fire Engine Company, under the contract dated July 11, 1892, be extended to October 14, 1892.

## Communications, etc.

Thomas H. Murphy, Oil Collector, Bureau of Combustibles—Application for promotion to position of Surveyor, recommended by the Inspector of Combustibles. Referred to the Civil Service Examining Board.  
Adjourned.

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, 10 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.  
GEORGE E. BEST, 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. TILLEY, Chief Engineer; E. A. WOLFF, Auditor.

## BOARD OF ARMY COMMISSIONERS.

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

## COMMON COUNCIL.

Office of Clerk of Common Council.  
No. 8 City Hall, 9 A. M. to 4 P. M.  
GEORGE B. McLELLAN, 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 T. 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 15); 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 Incumbrances (Room 16).

## 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 J. HEINTZ, Commissioner; JOHN H. J. RONNER, Deputy Commissioner; WM. H. TEN EVCK, Secretary.

## 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.  
Receiver of Taxes; DAVID E. AUSTEN, 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.  
THOMAS C. T. CRAIN, City Chamberlain.

## Office of the City Paymaster.

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

## LAW DEPARTMENT.

Office of the Counsel to the Corporation.  
Staats Zeitung Building, third and fourth floors, 9 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. RODENBROUGH, 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, Re-

pairs 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.

## DEPARTMENT OF BUILDINGS.

No. 220 Fourth avenue, corner of Eighteenth street, 9 A. M. to 4 P. M. Saturdays, 12 M.  
THOMAS J. BRADY, Superintendent.

## FIRE DEPARTMENT.

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

Nos. 157 and 159 East Sixty-seventh street.  
S. HOWLAND ROBBINS, President; ANTHONY EICKHOFF and JOHN J. SCANNELL, 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 JOSEPH D. BRYANT, M. D., the PRESIDENT OF THE POLICE BOARD and 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.  
PAUL DANA, President; ABRAHAM B. TAPPEN, NATHAN STRAUS and HENRY WINTHROP GRAY, Commissioners; CHARLES DE F. BURNS, Secretary.

## DEPARTMENT OF DOCKS.

Battery, Pier A, North river.  
J. SERGEANT CRAM, President; EDWIN A. POST and JAMES J. PHELAN, Commissioners; AUGUSTUS T. DOCHARTY, Secretary.  
Office hours, from 9 A. M. to 4 P. M.

## DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.  
EDWARD P. BARKER, President; EDWARD L. PARRIS and GEORGE C. CLAUSEN, Commissioners; FLOYD T. SMITH, Secretary.

## DEPARTMENT OF STREET CLEANING

Stewart Building. Office hours, 9 A. M. to 4 P. M.  
THOMAS S. BRENNAN, Commissioner; JOHN J. RYAN, Deputy Commissioner; J. JOSEPH SCULLY, Chief Clerk.

## CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.  
JAMES THOMSON, Chairman; WILLIAM HILDRETH FIELD and HENRY MARQUAND, Members of the Supervisory Board; LEE PHILLIPS, Secretary and Executive Officer.

## BOARD OF ESTIMATE AND APPORTIONMENT

The MAYOR, Chairman; E. P. BARKER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER and PRESIDENT OF THE BOARD OF ALDERMEN, Members; CHARLES V. ADDEE, Clerk.  
Office of Clerk, Staats Zeitung Building, Room 5.

## BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.  
EDWARD GILON, Chairman; EDWARD CAHILL, CHARLES E. WENDT and PATRICK M. HAVERTY; WM. H. JASPER, Secretary.

## BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.  
LEICESTER HOLME, WILLIAM S. ANDREWS and WILLIAM DALTON, Commissioners; JAMES F. BISHOP, Secretary.

## SHERIFF'S OFFICE.

Nos. 6 and 7 New County Court-house, 9 A. M. to 4 P. M.  
JOHN J. GORMAN, Sheriff; JOHN B. SEXTON, Under Sheriff.

## REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.  
FERDINAND LEVY, Register; JOHN VON GLAHN, Deputy Register.

## COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
BERNARD F. MARTIN, Commissioner; JAMES F. CONNER, Deputy Commissioner.

## COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.  
HENRY D. PURROY, County Clerk; P. J. SCULLY, Deputy County Clerk.

## DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
DE LANCEY NICOLL, District Attorney; EDWARD T. FLYNN, Chief Clerk.

## THE CITY RECORD OFFICE,

And Bureau of Printing, Stationery, and Blank Books  
No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M.  
W. J. K. KENNY, Supervisor; DAVID RYAN, Assistant Supervisor; JOHN J. McGRATH, Examiner.

## CORONERS' OFFICE.

No. 27 Chambers street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.  
MICHAEL J. B. MESSEMER, LOUIS W. SCHULTZE, JOHN B. SHEA, and WILLIAM I. McKENNA, Coroners; EDWARD F. REYNOLDS, Clerk of the Board of Coroners.

## SUPERIOR COURT.

Third floor, New County Court-house, opens 11 A. M. adjourns 4 P. M.  
General Term, Room No. 35.  
Special Term, Room No. 33.  
Equity Term, Room No. 30.  
Chambers, Room No. 33.  
Part I., Room No. 34.  
Part II., Room No. 35.  
Part III., Room No. 36.  
Naturalization Bureau, Room No. 31.  
Clerk's Office, Room No. 37, 9 A. M. to 4 P. M.  
JOHN SEDGWICK, Chief Judge; JOHN J. FREEDMAN, CHARLES H. TRUAX, P. HENRY DUGRO, DAVID McADAM and HENRY A. GILDERSLERVE, Judges; THOMAS BOESSE, Chief Clerk.

## COURT OF COMMON PLEAS

Third floor, New County Court-house, 9 A. M. to 4 P. M.  
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.  
Clerk's Office, Room No. 21, 9 A. M. to 4 P. M.  
General Term, Room No. 24, 11 o'clock A. M. to adjournment.  
Special Term, Room No. 22, 11 o'clock A. M. to adjournment.

Chambers, Room No. 22, 10.30 o'clock A. M. to adjournment.

Part I., Room No. 26, 11 o'clock A. M. to adjournment.  
Part II., Room No. 24, 11 o'clock A. M. to adjournment.  
Equity Term, Room No. 25, 11 o'clock A. M. to adjournment.  
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.  
JOSEPH F. DALY, Chief Judge; MILES BEACH, HENRY BOOKSTAYER, HENRY BISCHOFF, JR., ROGER A. PRYOR and LEONARD A. GIEGERICH, Judges; ALFRED WAGSTAFF, Chief Clerk.

## COURT OF GENERAL SESSIONS

No. 32 Chambers street. Court open at 11 o'clock A. M. adjourns 4 P. M.  
FREDERICK SMYTH, Recorder; RANDOLPH B. MARTINE, JAMES FITZGERALD and RUFUS B. COWING, Judges.  
JOHN F. CARROLL, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

## OVER AND TERMINER COURT

New County Court-house, second floor, southeast corner Room No. 12. Court opens at 10½ o'clock A. M.  
JOHN F. CARROLL, Clerk. Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

## CITY COURT.

City Hall.  
General Term, Room No. 20.  
Trial Term, Part I., Room No. 20.  
Part II., Room No. 21.  
Part III., Room No. 15.  
Part IV., Room No. 11.  
Special Term Chambers and will be held in Room No. 19, 10 A. M. to 4 P. M.  
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.  
SIMON M. EHRLICH, Chief Justice; HENRY P. McGOWN, ROBERT A. VAN WYCK, JAMES M. FITZSIMONS, JOSEPH E. NEWBURGER and JOHN H. MCCARTHY, Justices; JOHN B. MCGOLDRICK, Clerk.

## CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARDS,  
Room 30, COOPER UNION,  
NEW YORK, February 18, 1893.

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

February 24. ASSISTANT ENGINEER.  
LEE PHILLIPS,  
Secretary and Executive Officer.

## BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN THAT THERE will be a regular meeting of the Board of Street Opening and Improvement of the City of New York held in the Mayor's office, on Friday, February 24, 1893, at 12 o'clock M., at which meeting it is proposed to consider unfinished business and such other matters as may be brought before the Board.  
Dated New York, February 21, 1893.  
V. B. LIVINGSTON,  
Secretary.

WHEREAS, THE COMMISSIONER OF Street Improvements of the Twenty-third and Twenty-fourth Wards has prepared for adoption certain changes and revision of maps in the Twenty-third and Twenty-fourth Wards, which will be submitted to this Board for its concurrence and approval, in pursuance of chapter 545 of the Laws of 1890, in reference to which changes and revision the said Commissioner gave a public hearing on the 31st of January, 1893, in pursuance of chapter 721 of the Laws of 1887, and chapter 545 of the Laws of 1890.

Notice is hereby given, that this Board will, at the Mayor's office, in the City Hall, in the City of New York, on the 24th day of February, 1893, at twelve o'clock M., hear and consider all statements, objections and evidence that may be then and there offered, in reference to such contemplated changes, the general character and extent of the same being a revision of the street system in that portion of the Twenty-third and Twenty-fourth Wards bounded on the south by the Harlem river, on the west by Jerome avenue and an unnamed avenue; running northerly from the first curve in Jerome avenue, north of Kingsbridge road, on a prolongation of said avenue to Moshulu Parkway and Van Cortlandt Park; on the north by the Gun Hill road, and on the east by Webster avenue and the New York and Harlem Railroad.  
Dated New York, February 16, 1893.  
V. B. LIVINGSTON,  
Secretary.

## FINANCE DEPARTMENT.

PROPOSALS FOR \$800,000 STOCKS AND BONDS OF THE CITY OF NEW YORK.

## 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 at the office of the Comptroller of the City of New York until Monday, the 27th day of February, 1893, at 2 o'clock P. M., when they will be publicly opened by him in the presence of the Commissioners of the Sinking Fund, or such of them as shall attend, for the whole or a part of the following registered stocks and bonds of the City of New York, all of which are redeemable from the Sinking Fund and exempt from City and County taxation, to wit:

\$250,000 ADDITIONAL WATER STOCK OF THE CITY OF NEW YORK,

issued in pursuance of the provisions of chapter 490 of the Laws of 1883, entitled "An act to provide new reservoirs, dams and a new aqueduct, with the appurtenances thereto, for the purpose of supplying the City of New York with an increased supply of pure and wholesome water;" and under a resolution of the Aqueduct Commissioners adopted February 8, 1893.  
The principal is payable on the first day of October, 1912, and the interest, semi-annually, at the rate of three per cent. per annum, on the first day of April and October in each year.

For the redemption of said stock the Commissioners of the Sinking Fund have created a special sinking fund by a resolution adopted February 6, 1887, pursuant to the provisions of section 11 of Article VIII. of the State Constitution, as amended November 4, 1884.  
The said stock is exempt from taxation under section 34 of said chapter 490 of the Laws of 1883, and a resolution of the Commissioners of the Sinking Fund adopted September 3, 1883.

\$550,000 DOCK BONDS OF THE CITY OF NEW YORK,

authorized by section 143 of the New York City Consolidation Act of 1882, and a resolution of the Commissioners of the Sinking Fund, adopted November 2, 1892.



The principal is payable from the Sinking Fund, November 1, 1923. Said bonds will bear interest at the rate of three per cent. per annum, payable semi-annually, on the first day of May and November in each year.

Said Dock Bonds are exempt from city and county taxation, under an ordinance of the Common Council of the City of New York, passed October 2, 1880, pursuant to the provisions of section 137 of the New York City Consolidation Act of 1892, and a resolution of the Commissioners of the Sinking Fund, adopted November 2, 1892.

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

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

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

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

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, February 14, 1893.

#### AUTHORITY FOR TRUST INVESTMENTS.

##### CHAPTER 65, LAWS OF 1889.

AN ACT authorizing the investment of trust funds in stocks or bonds of any of the cities of this State.

Approved by the Governor, March 14, 1889. Passed, three-fifths being present.

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

Section 1. It shall be lawful for executors, administrators, guardians and trustees and others holding trust funds for investment to invest the funds so held by them in trust in bonds or stocks of any of the cities of this State, issued pursuant to the authority of any law of this State.

Section 2. This act shall take effect immediately.

#### NOTICE OF ASSESSMENT.

ASSESSMENT FOR OPENING WENDOVER AVENUE, TWENTY-FOURTH WARD, CONFIRMED BY THE SUPREME COURT MAY 12, 1892.

**IN PURSUANCE OF SECTION 997 OF THE**  
"New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all owners of property and persons affected by the assessment, in the matter of acquiring title to WENDOVER AVENUE, from Webster avenue to Third avenue, which assessment was confirmed by the Supreme Court May 12, 1892, and entered on the 9th day of February, 1893, in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 31, Stewart Building, between the hours of 9 A.M. and 2 P.M., and all payments made thereon on or before April 10, 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, February 11, 1893.

#### DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,  
STAATS ZEITUNG BUILDING,  
NEW YORK, January 9, 1893.

**IN COMPLIANCE WITH SECTION 817 OF THE**  
New York City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and County of New York, for the year 1893, are open, and will remain open for examination and correction until the thirtieth day of April, 1893.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on personal estate must be made by the person assessed to the said Commissioners, between the hours of 10 A.M. and 2 P.M., except on Saturdays, when between 10 A.M. and 12 M., at this office, during the same period.

EDWARD P. BARKER,  
GEORGE C. CLAUSEN,  
EDWARD L. PARRIS,  
Commissioners of Taxes and Assessments.

#### POLICE DEPARTMENT.

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.

#### ARMORY BOARD.

BOARD OF ARMORY COMMISSIONERS,  
SECRETARY'S OFFICE,  
STAATS ZEITUNG BUILDING, TRYON ROW,  
NEW YORK, January 24, 1893.

#### TO ARCHITECTS.

**A GENERAL INVITATION IS HEREBY**  
extended to architects to furnish competitive designs and plans for an armory building for the use of Troop A, of the National Guard of the State of New York.

The building to be erected on the ground 200x100 feet in the rear of the Eighth Regiment Armory, between Ninety-fourth and Ninety-fifth streets, and fronting on Madison avenue. The building to be of brick, with stone trimmings, and provided with a roof of glass, slate, tile or other durable material, and in design should harmonize as near as possible with the Eighth Regiment Armory adjoining.

The excavation for the building to be over the whole area of 20x100 feet, and to give a depth that will insure nine feet clear from the floor of the cellar to the ceiling above.

The cellar to contain a target range, marker's pit, large saddle room, armorer's room, boiler room and a runway for horses to the floor above.

The remainder of the cellar to be left unfinished and to be used as a stable, and to be fitted up by the Troop at their own expense, and not to be provided for in the present plans or estimates.

The main floor, on street level, is to be occupied with a ring of tan bark or dirt (similar to riding school rings) of the largest possible dimensions. This floor to be supported on columns and arches.

The plans to show accommodation in the building for Troop Meeting-room, Captain's Room, Lieutenant's Room, First Sergeant's Room, Quartermaster Sergeant's Room, Janitor's Apartments, Kitchen, with range, etc.; Locker-rooms, with lockers, to be provided for 105 men; suitable Water-closets, Bath-rooms, etc.; as much Gallery and Seating Accommodations as possible.

Building to be lighted by electricity and gas. Heated by steam. Ample provisions made for drainage.

Plans to be submitted, to be drawn scale 1/8 inch equal to one foot with a perspective drawing, rendered in black and white.

The entire cost of building, as called for in these specifications, shall not exceed \$140,000.

The Armory Board reserves the right to reject any or all plans which may be offered if, for any reason, they deem it best to do so, and in case any plan is accepted as presented or with alterations or suggestions of the Armory Board, and it is subsequently found that a contract satisfactory to the Armory Board can be made for the complete erection of the building as herein called for, for a sum, including the architect's fees, which shall not exceed the appropriation for the work, the architect presenting such plans shall be engaged for the work and his compensation for plans and superintendence shall be four per cent. of the amount of such contract.

The plans must be prepared with the view of inviting proposals for the erection of the building for a gross sum, and must be presented to the Committee on Plans, at this office, on or before March 1, 1893.

A map showing the site is on file in this office, and must be consulted by architects for such information as they may need in that respect.

THOS. F. GILROY, Mayor;  
EDWARD P. BARKER,  
President Department Taxes and Assessments;  
MICHAEL T. DALY,  
Commissioner Public Works;  
BRIG.-GEN. LOUIS FITZGERALD,  
COL. JAMES CAVANAGH,  
Armory Board Commissioners.

#### DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
ROOM 6, NO. 31 CHAMBERS STREET,  
NEW YORK, February 21, 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, March 7, 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 FURNISHING MATERIALS AND PERFORMING WORK IN REPAIRING PONTOONS FOR THE FREE FLOATING BATHS, REPAIRING AND PAINTING THE ROOFS AND PAINTING FIFTEEN FREE FLOATING BATHS, AND REPAIRING AND FURNISHING SIGNAL LAMPS.

No. 2. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, THE CARRIAGEWAY OF THIRD AVENUE, from Fifty-ninth to Ninety-sixth street.

No. 3. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON THE PRESENT STONE-BLOCK PAVEMENT, THE CARRIAGEWAY OF THIRTY-FIFTH STREET, from Madison to Fourth avenue, and SEVENTY-SIXTH STREET, from Madison to Fifth avenue.

No. 4. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON THE PRESENT STONE-BLOCK PAVEMENT, THE CARRIAGEWAY OF ONE HUNDRED AND FIFTEENTH STREET, from Fifth to Sixth avenue, ONE HUNDRED AND TWENTY-SECOND STREET, from Sixth to Seventh avenue, and ONE HUNDRED AND TWENTY-EIGHTH STREET, from Sixth to Madison avenue.

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 his 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 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 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 Rooms 1 and 15, No. 31 Chambers street.

MICHAEL T. DALY,  
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

#### CORPORATION NOTICE.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE**  
owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 4072, No. 1. Sewer and appurtenances on the southerly side of the Southern Boulevard, from the end of existing sewer west of Willis avenue to the summit east of Willis avenue.

List 4078, No. 2. Sewer in One Hundred and Eighth street, between Boulevard and Amsterdam avenue.

List 4079, No. 3. Sewer in One Hundred and Ninth street, between Manhattan avenue and Central Park, West.

List 4082, No. 4. Sewer in First avenue, between Forty-second and Forty-third streets, connecting with present sewer in Forty-third street, east of First avenue.

List 4083, No. 5. Sewer in Sixty-eighth street, between Avenue A and East river.

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. South side of the Southern Boulevard, extending easterly from Willis avenue, about 525 feet

No. 2. Both sides of One Hundred and Eighth street, from Boulevard to Amsterdam avenue.

No. 3. Both sides of One Hundred and Ninth street, from Central Park, West, to Manhattan avenue; east side of Manhattan avenue, from One Hundred and Eighth to One Hundred and Ninth street, and north side of One Hundred and Eighth street, from Central Park, West, to Manhattan avenue.

No. 4. Both sides of First avenue, from Forty-second to Forty-third street.

No. 5. Both sides of Sixty-eighth street, from Avenue A to the East river.

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 March, 1893.

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

OFFICE OF THE BOARD OF ASSESSORS,  
NO. 27 CHAMBERS STREET,  
NEW YORK, February 23, 1893.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE**  
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 3926, No. 1. Sewer in One Hundred and Seventy-third street, between Tenth avenue and Kingsbridge road, and in Kingsbridge road, east side between One Hundred and Seventy-third and One Hundred and Seventy-fourth streets.

List 4026, No. 2. Paving Amsterdam avenue, from One Hundred and Thirtieth to One Hundred and Fortieth street, with granite blocks and laying crosswalks.

List 4028, No. 3. Paving One Hundred and Sixteenth street, from Avenue A to Harlem river, with granite blocks.

List 4054, No. 4. Paving One Hundred and Forty-third street, from Amsterdam avenue to the Boulevard, with granite blocks, and laying crosswalks.

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 One Hundred and Seventy-third street, from Tenth avenue to Kingsbridge road; both sides of Audubon avenue, from One Hundred and Seventy-third to One Hundred and Seventy-fourth street; block bounded by One Hundred and Seventy-third and One Hundred and Seventy-fourth streets, Audubon and Eleventh avenues; east side of Eleventh avenue, from One Hundred and Seventy-first to One Hundred and Seventy-second street, west side of Eleventh avenue, from One Hundred and Seventy-second to One Hundred and Seventy-third street; east side of Kingsbridge road, from One Hundred and Seventy-third to One Hundred and Seventy-fourth street; and both sides of One Hundred and Seventy-first street and One Hundred and Seventy-second street, from Eleventh avenue to Kingsbridge road.

No. 2. Both sides of Amsterdam avenue, from One Hundred and Thirtieth street to the centre line of the block between One Hundred and Fortieth and One Hundred and Forty-first streets, and to the extent of half the block at the intersecting streets.

No. 3. Both sides of One Hundred and Sixteenth street, from Avenue A to Harlem river, and to the extent of half the block at the intersecting avenues.

No. 4. Both sides of One Hundred and Forty-third street, from Amsterdam avenue to the Boulevard, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 18th day of March, 1893.

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

OFFICE OF THE BOARD OF ASSESSORS,  
NO. 27 CHAMBERS STREET,  
NEW YORK, February 16, 1893.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE**  
owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 3972, No. 1. Paving with trap blocks, laying crosswalks, curbing and flagging One Hundred and Forty-fifth street, from Third avenue to One Hundred and Forty-sixth street.

List 3973, No. 2. Paving One Hundred and Sixty-ninth street, between the New York and Harlem Railroad and Franklin avenue, with granite blocks and laying crosswalks.

List 4039, No. 3. Sewer in One Hundred and Forty-eighth street, between Boulevard and Amsterdam avenue, and in Amsterdam avenue, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets.

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 One Hundred and Forty-fifth street, from Third avenue to One Hundred and Forty-sixth street, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of One Hundred and Sixty-ninth street, from the New York and Harlem Railroad to Franklin avenue, and to the extent of half the block at intersecting avenues.

No. 3. Both sides of One Hundred and Forty-eighth street, from the Boulevard to Amsterdam avenue, and west side of Amsterdam avenue, from One Hundred and Forty-eighth to One Hundred and Forty-ninth street.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 13th day of March, 1893.

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

OFFICE OF THE BOARD OF ASSESSORS,  
NO. 27 CHAMBERS STREET,  
NEW YORK, February 10, 1893.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE**  
owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 3991, No. 1. Regulating, grading, curbing and flagging One Hundred and Sixty-ninth street, from Amsterdam avenue to Eleventh avenue.

List 3993, No. 2. Regulating, grading, curbing and flagging One Hundred and Thirty-second street, from Boulevard to Twelfth avenue.

List 4023, No. 3. Laying a crosswalk across Thirtieth street, at the westerly side of Tenth avenue.

List 4027, No. 4. Paving One Hundred and Forty-second street, from Eighth to Bradhurst avenue, with granite blocks.

List 4029, No. 5. Paving One Hundred and Forty-third street, from Eighth to Bradhurst avenue, with granite blocks.

List 4036, No. 6. Receiving-basin on the northwest corner of Eighty-first street and Lexington avenue.

List 4037, No. 7. Receiving-basin on the west side of Amsterdam avenue, 66 feet 7 inches north of One Hundred and Seventy-eighth street.

List 4042, No. 8. Sewer in One Hundred and Eighth street, between Manhattan avenue and Central Park, West.

List 4043, No. 9. Rebuilding receiving-basins at the northeast and southeast corners of One Hundred and Seventy-ninth street and Vanderbilt avenue, East.

List 4055, No. 10. Fencing the vacant lot on the southwest corner of One Hundred and Fifth street and Madison avenue.

List 4056, No. 11. Sewer in One Hundred and Forty-ninth street, between Boulevard and Amsterdam avenue, and in Amsterdam avenue, west side, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets.

List 4057, No. 12. Sewer in One Hundred and Thirtieth street, between Hamilton place and Amsterdam avenue.



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 One Hundred and Sixty-ninth street, from Amsterdam to Eleventh avenue, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of One Hundred and Thirty-second street, from Boulevard to Twelfth avenue.

No. 3. To the extent of half the block, from the western intersection of Tenth avenue and Thirtieth street.

No. 4. Both sides of One Hundred and Forty-second street, from Eighth to Bradhurst avenue, and to the extent of half the block at the intersecting avenues.

No. 5. Both sides of One Hundred and Forty-third street, from Eighth to Bradhurst avenue, and to the extent of half the block at the intersecting avenues.

No. 6. Block bounded by Eighty-first and Eighty-second streets, Lexington and Park avenues, excepting the east side of Park avenue, from Eighty-first to Eighty-second street.

No. 7. Block bounded by One Hundred and Seventy-ninth and One Hundred and Eightieth streets, Amsterdam and Audubon avenues.

No. 8. Both sides of One Hundred and Eighth street and north side of One Hundred and Seventh street, from Central Park West, to Manhattan avenue, and east side of Manhattan avenue, from One Hundred and Seventh to One Hundred and Eighth street.

No. 9. Both sides of One Hundred and Seventieth street, from Washington to Vanderbilt avenue; west side of Washington avenue, extending 300 feet north of One Hundred and Seventieth street, and east side of Vanderbilt avenue, extending 250 feet south of One Hundred and Seventieth street.

No. 10. Southwest corner of One Hundred and Fifth street and Madison avenue.

No. 11. Both sides of One Hundred and Forty-ninth street, from the Boulevard to Amsterdam avenue, and west side of Amsterdam avenue, from One Hundred and Forty-ninth to One Hundred and Fiftieth street.

No. 12. Both sides of One Hundred and Thirty-ninth street, from Hamilton place to Amsterdam 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 11th day of March, 1893:

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

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, February 9, 1893.

## DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, February 21, 1893.

### TO CONTRACTORS.

#### PROPOSALS FOR DRY GOODS FOR INSANE ASYLUMS.

SEALED BIDS OR ESTIMATES FOR FURNISHING Dry Goods during the year 1893, in conformity with samples and specifications, 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 10 o'clock A. M. of Tuesday, March 7, 1893.

##### DRY GOODS FOR INSANE ASYLUMS.

- 70,000 yards Brown Muslin, "Indian Head," 36 inches.
- 27,000 yards Brown Muslin, "Indian Head," 48 inches.
- 6,000 yards Bleached Muslin, "Dwight Anchor," 36 inches.
- 17,000 yards Satinet, "Spring Brook."
- 18,000 yards Cottonade, "Flat Rock."
- 25,000 yards Ticking, "Cordis Mill, A. C. E."
- 15,000 yards Canton Flannel, "Amoskeag, A. A."
- 20,000 yards Kentucky Jeans, "Flushing."
- 12,000 yards Blue Denim, "Silver Fox Amoskeag."
- 40,400 yards Gingham.
- 21,300 yards "Otis" Checks.
- 5,000 yards Seersucker "Bates Mill."
- 1,125 yards Red Flannel "Belvidere Scarlet."
- 1,200 yards Blue Flannel for Blouses.
- 1,750 yards Toilet Quilts "Bates."
- 8,000 yards Crash Roller Toweling "Stevens all linen."
- 2,000 yards Crash Dish Toweling "Stevens all linen."
- 3,400 yards Huckabuck Toweling.
- 2,000 yards Damask for Table Cloths.
- 1,000 yards White Table Oil Cloth.
- 150 yards Sleeve Lining.
- 3,250 Men's Knit Undershirts.
- 3,250 Men's Knit Drawers.
- 500 Women's Knit Jackets, large.
- 500 Women's Woolen Shawls, black, brown and gray.
- 1,000 Women's Woolen Hoods, black, brown and gray.
- 2,500 pairs Colored Woolen Blankets, "Kersey," average seven pounds.
- 1,250 pairs White Woolen Blankets, "Hartford," average six pounds.
- 1,200 Overcoats, "Quinnepocit material."
- 500 Pea Jackets, "Quinnepocit material."
- 500 Summer Blouses (faced).
- 500 Summer Helms, with Department devices.
- 1,200 Men's Summer Hats.
- 1,500 Women's Summer Hats.
- 2,000 Men's Canvas Hats.
- 50 Men's Rubber Coats.
- 1,334 Rubber Sheets, 16 groumets each.

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

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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

The award of the contract will be made as soon as practicable after the opening of the bids. Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

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

Each bid or estimate shall contain and state the name

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

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

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

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

### BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the Executive Committee on Nautical School, at the Hall of the Board of Education, No. 146 Grand street, until 4 o'clock P. M., on Friday, March 10, 1893, for making repairs to the Hull of the Ship St. Mary's, lying at the foot of East Twenty-eighth street.

JOHN SCHUYLER CROSBY,  
MILES M. O'BRIEN,  
WM. J. VAN ARSDALE,  
ROBERT MACLAY,  
JAMES W. GERARD,  
Executive Committee on Nautical School.

Plans and specifications may be seen at the office of the Commander on board the ship.

The Committee 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 Executive Committee.

Dated New York, February 24, 1893.

SEALED PROPOSALS WILL BE RECEIVED BY the Board of School Trustees for the Seventeenth Ward, at the Hall of the Board of Education, No. 146 Grand street, until 9:30 o'clock A. M., on Thursday, March 9, 1893, for erecting an Addition to Grammar School Building No. 19, on north side of Thirtieth street, between First and Second avenues.

HIRAM MERRITT, Chairman,  
H. H. HAIGHT, Secretary,  
Board of School Trustees, Seventeenth Ward,  
Dated New York, February 24, 1893.

Sealed proposals will also be received at the same place, by the School Trustees of the Twelfth Ward, until 10 o'clock A. M., on Friday, March 3, 1893, for Altering Building No. 230 East One Hundred and Twenty-fifth street, to be used as an annex to Grammar School No. 39.

JOHN WHALEN, Chairman,  
ANTONIO RASINES, Secretary,  
Board of School Trustees, Twelfth Ward,  
Dated New York, February 18, 1893.

Sealed proposals will also be received at the same place by the School Trustees of the Tenth Ward, until 9:30 o'clock A. M., on Friday, March 3, 1893,

for Sanitary, etc., Work at Primary School Building No. 1, corner Ludlow and Delancey streets.

CHAS. B. STOVER, Chairman,  
LOUIS HAUPT, Secretary,  
Board of School Trustees, Tenth Ward.  
Dated New York, February 17, 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.

## DEPARTMENT OF STREET CLEANING.

### NOTICE.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, in the Stewart Building.

THOMAS S. BRENNAN,  
Commissioner of Street Cleaning.

## DEPARTMENT OF DOCKS.

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

### TO CONTRACTORS.

(No. 435.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT PIERS, NEW 38, NEW 42, PIER FOOT OF BETHUNE STREET, PIER, NEW 63, AND AT PIER FOOT OF WEST THIRTY-FOURTH STREET, ON THE NORTH RIVER.

ESTIMATES FOR DREDGING AT THE above-named places, on the 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 1 o'clock P. M. of

THURSDAY, MARCH 9, 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 Eleven Thousand and Eight Hundred Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

ON THE NORTH RIVER.	
At Pier, new 38.....	35,000 cubic yards.
At Pier, new 42 (south side).....	12,000 "
At Pier foot of Bethune street.....	9,000 "
At Pier, new 63 (north side).....	26,000 "
At Pier foot of West Thirty-fourth street.....	65,000 "

Total.....147,000 cubic yards.

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

1st. Bidders must satisfy themselves, by personal examination of the locations of the proposed dredging, 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. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 15th day of May, 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, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price, per cubic yard, for doing such dredging, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

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

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of 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,  
EDWIN A. POST,  
JAMES J. PHELAN,  
Commissioners of the Department of Docks.  
Dated New York, February 23, 1893.

## SUPREME COURT.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to the opening of ONE HUNDRED AND FIFTH STREET, between Riverside avenue and the Boulevard, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, the Mayor, Aldermen and Commonality of the City of New York hereby give notice that the Counsel to the Corporation will apply to the Supreme Court, at a Special Term thereof, to be held at Chambers of said Court, in the County Court-house, in the City of New York, on the 20th day of March, 1893, at 10:30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding in the place and stead of William M. Hoes, who declines to serve.

Dated New York, February 21, 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, to acquire title to certain lands required for a public park, at or near CORLEARS HOOK, in the Seventh Ward of the City of New York.

NOTICE TO ALL PERSONS WHO MAY CONSIDER THEMSELVES AGGRIEVED BY THE ESTIMATE OF THE COMMISSIONERS IN THE ABOVE MATTER.

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. 200 Broadway (fifth floor, Room 25), on Friday, March 3, 1893, at three o'clock P. M., to hear any person or persons who may consider themselves aggrieved by our estimate (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 may be hereafter inspected at our said office, No. 200 Broadway; 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 8th day of March, 1893, at the opening of 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, February 16, 1893.  
MEYER THALMESSINGER,  
Chairman,  
HENRY CAMPBELL,  
DAVID McCLELLAN,  
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 NINETEENTH STREET, between the Boulevard and Riverside avenue, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 3d day of February, 1892, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as One Hundred and Nineteenth street, as shown and delineated on a certain map of the City of New York, made by the Commissioners of Streets and Roads of the City of New



York, filed in the office of the Street Commissioner of the City of New York April 1, 1881, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, and filed in the office of the Street Commissioner of the City of New York on March 7, 1888, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act, entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (February 16, 1893).

And we, the said Commissioners, will be in attendance at our said office on Tuesday, the 21st day of March, 1893, at 1 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 16, 1893.  
EDWARD T. WOOD,  
PETER BOWE,  
HENRY G. CASSIDY,  
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 Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND FORTY-SECOND STREET, from Convent avenue to 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. 51 Chambers street (Room 4), in said city, on or before the 29th day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 29th day of March, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 4 o'clock P. M.

Second—That the abstract of 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 March, 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 Forty-second street and One Hundred and Forty-third street; easterly by the westerly line of Convent avenue; southerly by the centre line of the block between One Hundred and Forty-first street and One Hundred and Forty-second street; and westerly by the easterly line of Amsterdam 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 11th day of April, 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, February 16, 1893.  
LEWIS H. ARNOLD, Jr., Chairman,  
WILLIAM B. ANDERSON,  
WILLIAM A. WOODHULL,  
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 the opening of ONE HUNDRED AND THIRTY-SECOND STREET, from Twelfth avenue to the bulkhead-line, Hudson river, in the Twelfth Ward of the City of New York.

NOTICE TO ALL PERSONS INTERESTED IN THIS PROCEEDING OR IN ANY OF THE LANDS AFFECTED THEREBY.

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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in 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. 51 Chambers street (fifth floor), in the said city, on or before the twenty-eighth day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said twenty-eighth day of March, 1893, and for that purpose will be in attendance at our said office on each of said ten days at three o'clock P. M.

Second—That the abstract of 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 29th day of March, 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 Thirty-second and One Hundred and Thirty-third streets; easterly by the westerly line of Twelfth avenue; southerly by the centre line of the block between One Hundred and Thirty-second and One Hundred and Thirty-first streets; and westerly by the bulkhead-line of the Hudson river; 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 twelfth day of April, 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, February 14, 1893.  
JOHN E. WARD, Chairman,  
J. P. SOLOMON,  
HENRY WINTHROP GRAY,  
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND TWENTY-FIRST STREET, between the Boulevard and Amsterdam avenue, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 3d day of February, 1892, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as One Hundred and Twenty-first street, as shown and delineated on a certain map of the City of New York, made by the Commissioners of Streets and Roads of the City of New York, filed in the office of the Street Commissioner of the City of New York April 1, 1881, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park and filed in the office of the Street Commissioner of the City of New York on March 7, 1888, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of them by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (February 12, 1893).

And we, the said Commissioners, will be in attendance at our said office on Saturday the 18th day of March, 1893, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 11, 1893.  
MICHAEL J. LANGAN,  
JOSEPH C. WOLFF,  
HENRY HUGHES,  
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 Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND SIXTY-SIXTH STREET (although not yet named by proper authority), between Tenth avenue and Edgecombe 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. 51 Chambers street (Room 4), in said city, on or before the 23d day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 23d day of March, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 2:30 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 22d day of March, 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 Sixty-sixth street and One Hundred and Sixty-seventh street; easterly by the westerly line of Edgecombe road; southerly by the centre line of the block between One Hundred and Sixty-sixth street and One Hundred and Sixty-seventh street; and westerly by the easterly line of Amsterdam 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 4th day of April, 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, February 9, 1893.  
MAX MOSES, Chairman,  
BRYAN L. KENNELLY,  
JOHN McL. NASH,  
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 Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to FORT INDEPENDENCE STREET (although not yet named by proper authority), extending from its junction with Boston avenue to Broadway, 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. 51 Chambers street (Room 4), in said city, on or before the 23d day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 23d day of March, 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 22d day of March, 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 prolongation westerly from Broadway for a distance of 100 feet of the centre line of the block between Fort Independence street and Van Cortlandt avenue, and by the centre line of said blocks from Broadway to Bailey avenue; easterly by the centre line of the blocks between Sedgwick avenue and Fort Independence street, from Bailey avenue to Oloff street, the centre line of the block between Sedgwick avenue, Giles place and Fort Independence street, from Oloff street to Boston avenue, an irregular broken line commencing at a point in the easterly line of Boston avenue opposite Fort Independence street, and running thence in a southerly direction, and between Sedgwick avenue and Boston avenue for a distance of about 300 feet and the easterly line of Boston avenue; southerly by a line commencing at a point in the easterly line of Boston avenue, distant about 240 feet southerly from the intersection of the southerly line of Fort Independence street with the westerly line of Boston avenue; and running thence easterly for a distance of about 100 feet, the centre line of the block between Heath avenue, Boston avenue and Fort Independence street and its prolongation westerly from Heath avenue, for a distance of 84.5 feet and the centre line of the blocks between Fort Independence street and a certain unnamed street, from Albany road to Broadway, and the prolongation of said centre line easterly from Albany road to the centre line of the block between Albany road and Fort Independence street, and westerly from Broadway for a distance of 100 feet; and westerly by the centre line of the block between Heath avenue, Bailey avenue and Fort Independence street, the centre line of the block between Bailey avenue, Albany road and Fort Independence street and a line parallel with and distant 100 feet westerly from the westerly line of Broadway; 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 4th day of April, 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, February 9, 1893.  
LEICESTER HOLME, Chairman,  
HENRY STERNER,  
JAMES F. C. BLACKHURST,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FORTY-FOURTH STREET (although not yet named by proper authority), extending from River avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

NOTICE IS HEREBY GIVEN THAT THE undersigned were appointed by an order of the Supreme Court, bearing date the 12th day of February, 1892, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as East One Hundred and Forty-fourth street, as shown and delineated on a certain map made under authority of chapter 841 of the Laws of 1868, and filed in the office of the Register of the County of Westchester on the 23d day of February, 1871, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement filed therewith in the office of the Clerk of the City and County of New York, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying-out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken, or to be taken, for the purpose of opening the said street, or affected thereby and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment at their office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (February 4, 1893).

And we, the said Commissioners, will be in attendance at our said office on Tuesday, the 14th day of March, 1893, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time

and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 4, 1893.  
MICHAEL J. MULQUEEN,  
THEODORE E. SMITH,  
JAMES MITCHELL,  
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 EAST ONE HUNDRED AND SEVENTY-EIGHTH STREET (although not yet named by proper authority), extending from Burnside avenue to Lafontaine 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. 51 Chambers street (Room 4), in said city, on or before the 17th day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 17th day of March, 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 16th day of March, 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 East One Hundred and Seventy-eighth street and East One Hundred and Seventy-ninth street, from Burnside avenue to Third avenue, and the prolongation of said centre line easterly from Third avenue to Lafontaine avenue; easterly by the westerly line of Lafontaine avenue; southerly by the centre line of the blocks between East One Hundred and Seventy-eighth street and Tremont avenue, from Lafontaine avenue to Webster avenue and the centre line of the block between East One Hundred and Seventy-eighth street, Webster avenue and Burnside avenue; and westerly by the easterly line of Burnside avenue and the easterly line of Webster avenue; excepting from said area all the streets, avenues and roads or portions thereof heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 470 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 3rd day of March, 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, February 3, 1893.  
MICHAEL J. MULQUEEN,  
Chairman,  
HENRY G. CASSIDY,  
EMANUEL M. FRIEND,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the use of the public, to the lands required for the opening of EAST ONE HUNDRED AND SEVENTEENTH STREET (although not yet named by proper authority), from Prospect avenue to Bristow street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by said Board.

NOTICE IS HEREBY GIVEN THAT THE undersigned were appointed by an order of the Supreme Court, bearing date the 12th day of April, 1892, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as East One Hundred and Seventeenth street, as shown, laid out and established on certain maps made by the Board of Street Opening and Improvement and filed on or about the 6th day of December, 1890, in the office of the Counsel to the Corporation, in the office of the Department of Public Works, in the office of the Secretary of State of the State of New York, in the office of the Register of the City and County of New York, and in the Department of Public Parks, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement, filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons, respectively, entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying-out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at their office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (January 30, 1893).

And we, the said Commissioners, will be in attend-



ance at our said office on Monday, the sixth day of March, 1893, at three and one-half o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, January 30, 1893.  
JOHN E. WARD,  
THOMAS J. MILLER,  
J. P. SOLOMON,  
Commissioners.

CHARLES V. GABRIEL, 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 WELCH STREET (although not yet named by proper authority), extending from the New York and Harlem Railroad to Webster 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. 51 Chambers street (Room 4), in said city, on or before the 14th day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 14th day of March, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 3 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 13th day of March, 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 Welch street and Kingsbridge road, the centre line of the block between Welch street and Pelham avenue; the centre line of the block between East One Hundred and Eighty-ninth street and Pelham avenue; and the prolongation westwardly of said last mentioned line from Third avenue to Vanderbilt avenue, West; easterly by the centre line of the block between Washington avenue and Third avenue; southerly by the centre line of the block between East One Hundred and Eighty-ninth street and East One Hundred and Eighty-eighth street, and the centre line of the block between Welch street and East One Hundred and Eighty-eighth street, and the prolongation westwardly from Vanderbilt avenue, East, of the centre line of the block between Welch street and East One Hundred and Eighty-eighth street, to the centre line of the block between Webster avenue and Bainbridge avenue, and westerly by the centre line of the blocks between Webster avenue and Bainbridge avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 27th day of March, 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, January 30, 1893.  
MICHAEL J. LANGAN, Chairman,  
CHARLES F. WILDEY,  
JOHN COTTER,  
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of SEVENTY-SEVENTH STREET, between Columbus (formerly Ninth) avenue and Amsterdam (formerly Tenth) avenue, in the Twenty-second Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, 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. 213, 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 21st day of February, 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 thereof, in the County Court-house, in the City of New York, on the 27th day of February, 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, February 9, 1893.  
MATTHEW CHALMERS,  
WILLIAM MCKEAN,  
PETER HAULENBEEK,  
Commissioners.

THOMAS J. O'ROURKE, 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 the lands required for the opening and extension of PELHAM AVENUE (although not yet named by proper authority), westerly to Webster 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. 51 Chambers street (Room 4), in said city, on or before the 14th day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 14th day of March, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 3 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 13th day of March, 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 Kingsbridge road and Brookline street, the centre line of the block between Pelham avenue as extended, Webster avenue and Vanderbilt avenue, West, and a line parallel with and distant 100 feet northerly from the northerly line of Pelham avenue; easterly by a line equidistant from the Southern Boulevard and Third avenue, and extending northerly from the centre line of the block between Pelham avenue and East One Hundred and Eighty-ninth street to a point distant 100 feet northerly of the northerly line of Pelham avenue; southerly by the centre line of the blocks between Pelham avenue and East One Hundred and Eighty-ninth street, the centre line of the blocks between Pelham avenue and Welch street and the centre line of the blocks between Kingsbridge road and Welch street and westerly by a line parallel with, and distant about 87 feet westerly from the westerly line of Bainbridge avenue; excepting from said area all the streets, avenues and roads, or portions thereof heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 27th day of March, 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, January 30, 1893.  
MICHAEL J. LANGAN, Chairman,  
CHARLES F. WILDEY,  
JOHN COTTER,  
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 ONE HUNDRED AND FORTY-FOURTH STREET, from Amsterdam avenue to Convent 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. 51 Chambers street, Room 4, in said city, on or before the 10th day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of March, 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 9th day of March, 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 Forty-fourth street and One Hundred and Forty-fifth street; easterly by the westerly line of Convent avenue; southerly by the centre line of the block between One Hundred and Forty-fourth street and One Hundred and Forty-third street, and westerly by the easterly line of Amsterdam avenue; 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 24th day of March, 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, January 28, 1893.  
CHAUNCEY S. TRUAX, Chairman,  
APPLETON L. CLARK,  
HENRY G. CASSIDY,  
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 ONE HUNDRED AND FIFTIETH STREET, between Bradhurst avenue and the bulkhead line, Harlem river, in the Twelfth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN** THAT THE undersigned were appointed by an order of the Supreme Court, bearing date the 8th day of March, 1893, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable esti-

mate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons, respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as One Hundred and Fiftieth street, as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, by and under authority of chapter 697 of the Laws of 1867, and filed in the office of the Street Commissioner of the City of New York, on the 7th day of March, 1868, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons, respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor and of performing the trusts and duties required of us by chapter 16, title 5 of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the city of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at their office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (January 23, 1893).

And we, the said Commissioners, will be in attendance at our said office on Wednesday, the 1st day of March, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, January 23, 1893.  
MICHAEL J. MULQUEEN,  
MATTHEW CHALMERS,  
BENJAMIN PATTERSON,  
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 Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND FIFTIETH STREET, between Amsterdam avenue and the Boulevard, 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. 51 Chambers street (Room 4), in said city, on or before the 6th day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 6th day of March, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 3 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 4th day of March, 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 Fiftieth street and One Hundred and Fifty-first street; easterly by the westerly line of Amsterdam avenue; southerly by the centre line of the block between One Hundred and Fiftieth street and One Hundred and Forty-ninth 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 20th day of March, 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, January 23, 1893.  
BENJAMIN PATTERSON, Chairman,  
SAMUEL W. MILBANK,  
H. 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 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.

**NOTICE IS HEREBY GIVEN** THAT WE, THE undersigned, were appointed by order of the Supreme Court, bearing date the 23d day of September, 1891, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street, herein designated as Lowell street, as shown and delineated on the map of the village of Mott Haven, filed in the Register's office at White Plains June 5, 1866, and as retained and filed by the Commissioners of Morrisania, under chapter 841 of the Laws of 1868, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining

the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act, entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (January 18, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 24th day of February, 1893, at 3 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, January 18, 1893.  
SAMUEL W. MILBANK,  
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 Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND FORTY-THIRD STREET, from Amsterdam avenue to Convent 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. 51 Chambers street (Room 4), in said city, on or before the 1st day of March, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 1st day of March, 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 28th day of February, 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 Forty-third street and One Hundred and Forty-fourth street; easterly by the westerly line of Convent avenue; southerly by the centre line of the block between One Hundred and Forty-third street and One Hundred and Forty-second street; and westerly by the easterly line of Amsterdam 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 16th day of March, 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, January 20, 1893.  
ARTHUR INGRAHAM, Chairman,  
THEODORE WESTON,  
MICHAEL J. MULQUEEN,  
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 Commonalty of the City of New York, to acquire title to certain lands required for a public park, at or near CORLEARS HOOK, in the Seventh Ward of the City of New York.

**NOTICE TO ALL PERSONS INTERESTED IN THIS PROCEEDING OR IN ANY OF THE LANDS AFFECTED THEREBY.**

**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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate, 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. 200 Broadway, (fifth floor), in the said city, on or before the 15th day of February, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 15th day of February, 1893, and for that purpose will be in attendance at our said office on each of said ten days at three o'clock P. M.

Second—That the abstract of our said estimate, together with our damage maps, showing the land to which title is sought to be acquired, with the improvements thereon, 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 16th day of February, 1893.

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 thereof, in the County Court-house, in the City of New York on the 8th day of March, 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, December 30, 1892.  
MEYER THALMESSINGER, Chairman,  
HENRY CAMPBELL,  
DAVID MCCLURE,  
Commissioners.

CARROLL BERRY, Clerk.

## THE CITY RECORD.

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W. J. K. KENNY,  
Supervisor