

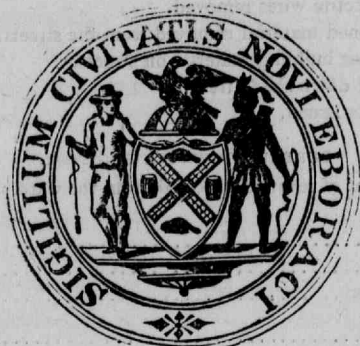
THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XXII.

NEW YORK, FRIDAY, FEBRUARY 23, 1894.

NUMBER 6,323.



DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1893.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, NO. 31 CHAMBERS STREET,
NEW YORK, November 17, 1893.

Hon. THOMAS F. GILROY, 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, 1893 :

SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation (Consolidation Act of 1882, section 141).....	\$857,988 62
On account of Local Improvement Fund (Consolidation Act, sections 144 and 150).....	423,750 91
On account of Funded Debt for Improvement and Extension of Water Supply (Consolidation Act, section 141).....	66,402 70
On account of Additional Croton Water Fund, authorized by chapter 189 of the Laws of 1893.....	40,453 17
On account of Fund for Additional High Service Works (chapter 38, Laws of 1892).....	12,312 52
On account of Repavement Fund (chapter 346, Laws of 1889).....	31,700 85
On account of Repavement Fund (chapter 35, Laws of 1892).....	573,855 55
On account of Criminal Court-house Fund (chapter 371, Laws of 1887).....	53,073 27
On account of Fund for One Hundred and Fifty-fifth Street Viaduct (Consolidation Act, section 144, and chapter 576, Laws of 1887).....	36,275 07
On account of Fund for New Harlem River Bridge at Third Avenue (chapter 413, Laws of 1892).....	5,318 36
On account of Fund for Bridge over Harlem Ship Canal (chapter 232, Laws of 1892).....	7,721 98
On account of Special Fund for restoring pavements over street openings (Revised Ordinances of 1880, sections 354 to 357).....	22,000 91
On account of Revenue Bonds for Water-Meters (Consolidation Act, sections 161 and 252).....	4,448 26
Total.....	\$2,135,302 17

SUMMARY STATEMENT OF CONTRACTS.

Contracts Entered into During the Quarter.

24 sewer contracts, estimated cost.....	\$107,784 70
27 regulating, grading and flagging contracts, estimated cost.....	116,484 74
47 paving and repaving contracts, estimated cost.....	724,390 58
17 fencing contracts, estimated cost.....	2,144 78
2 contracts for water-mains, estimated cost.....	15,348 50
4 miscellaneous contracts, estimated cost.....	28,807 00
121 contracts ; total estimated cost.....	\$994,960 30

Contracts Completed during the Quarter.

31 sewer contracts, cost.....	\$192,900 60
39 regulating, grading and flagging contracts, cost.....	56,445 76
57 paving and repaving contracts, cost.....	767,036 47
25 fencing contracts, cost.....	2,341 05
5 contracts for water-mains, cost.....	59,676 40
8 miscellaneous contracts, cost.....	114,459 92
165 contracts ; total cost.....	\$1,192,860 20

BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

The rainfall for the past three months, at the several stations where rain gauges are kept by the Department, is shown by the following table :

LOCATIONS.	JULY. INCHES.	AUGUST. INCHES.	SEPTEMBER. INCHES.	TOTAL. INCHES.
Boyd's Corners Reservoir.....	2.38	7.06	2.65	12.00
Middle Branch Reservoir.....	2.56	7.35	2.24	12.15
Kensico Reservoir.....	4.28	7.85	3.14	15.27
Central Park Reservoir.....	1.47	8.75	3.09	13.31
Croton Dam.....	3.97	7.36	1.93	13.26

Except for seven days during the month of August the natural flow of the Croton river was not sufficient to furnish the daily supply required to be passed through the two aqueducts, and had to be supplemented by large draughts upon the water stored in the artificial reservoirs and the

natural lakes. The draughts on stored water for the quarter amounted to 8,725,000,000 gallons, which is nearly equal to 95,000,000 gallons per day for the whole time. The average daily supply delivered and distributed in the city has been :

	Gallons.
Through the Old Aqueduct.....	62,000,000
Through the New Aqueduct.....	108,000,000
Through the Bronx river conduit.....	10,000,000
Total.....	180,000,000

For the Bronx river supply 760,000,000 gallons of water was drawn from the Kensico Reservoir and the Rye Ponds Reservoir.

The measures authorized by law for the purification of the city's water supply at its sources in the Croton water-shed and the Bronx river water-shed continue to be prosecuted with vigor. Maps have been filed of the lands required for this purpose at Mount Kisco, New Castle, Kirbyville and Carmel, and proceedings commenced for their acquisition. At Kensico and at Brewsters the lands which have been acquired have been cleared of all objectionable structures, and all nuisances have been permanently removed. At the Village of Brewsters a plant has been established, and is now being tested by the officers of the Health Department, for treating sewage by the Wolf Electric Process. A constant patrol is exercised along the streams and reservoirs tributary to the City's water supply to detect and suppress nuisances which contaminate the water.

During the quarter water-mains were laid to extend and improve the water service as follows : 5,690 lineal feet of 48-inch main, 130 lineal feet 36-inch main, 3,331 lineal feet 12-inch mains, 17,733 lineal feet 6-inch mains ; total, 26,884 lineal feet, or 5.09 miles of water-mains. This includes the laying of a water-main across the East river from the main land to North Brothers Island to supply the institutions of the Health Department located there. In connection with this work 27 stop-cocks and 69 additional fire-hydrants were placed.

The report of the Chief Engineer of the Croton Aqueduct, hereto annexed, states in detail the work which has been done during the quarter in the care and maintenance of the two aqueducts and the Bronx river conduit and their accessories.

Satisfactory progress has been made with the construction of the additional high service works on the line of the New Aqueduct, between High Bridge and Washington Bridge.

A contract has been made for the removal of the old Aqueduct gate-house which stands in the centre of Amsterdam avenue at One Hundred and Nineteenth street, and the construction of a new gate-house on City property adjoining the avenue.

The One Hundred and Fifty-fifth Street Viaduct structure, connecting the high ground at St. Nicholas place with the low ground at Seventh avenue and the Harlem river, and ultimately with the New Central Bridge now in course of construction under the direction of the Department of Public Parks, has been completed and is about to be opened to public travel.

The construction of a bridge over the Harlem Ship Canal at Kingsbridge road required first the construction of a temporary bridge to provide means of crossing the canal until the permanent bridge is built. This temporary bridge has been completed and was opened to public travel on the 21st of September. The construction of the permanent bridge is now in active progress.

The contract for the building of a new bridge over the Harlem river at Third avenue has been awarded to the lowest bidder at the sum of \$1,110,919.70, and has been signed. It includes the construction of the approaches to the bridge, the building of a temporary bridge while work on the new one is in progress, and the removal of the old bridge. Leases have been made for the use and occupation of property required for the building and operation of the temporary bridge.

BUREAU OF WATER PURVEYOR.

The following is a summary of the work done during the quarter in laying new pavements :

	GRANITE BLOCKS. SQUARE YARDS.	ASPHALT. SQUARE YARDS.
Repavements under regular annual appropriations.....	40,476	.....
Repavements under Legislative appropriations.....	105,070	124,733
Repavements within land grants payable by assessments.....	9,510	.....
First pavements on new streets, payable by local assessments.....	28,730	14,747
Totals.....	183,786	139,480

In the general repairs of pavements an average force of 190 pavers and rammers, 209 laborers, 63 carts and 4 teams have been employed, and 99,794 square yards of stone block pavements were taken up and relaid. In addition to this, repairs were made under contracts including the taking up and relaying of 30,616 square yards of stone block pavements.

It is gratifying to state that the laying of new pavements on Park Row, Chatham Square and the Bowery has been completed, and that the two contracts for new pavement on Third avenue, from Fifty-ninth to Ninety-second street, and from Ninety-second to One Hundred and Twenty-ninth street, will be finished before the advent of winter, thus completing a new pavement on one of the most important thoroughfares of the City, extending from the lower end of the Post Office Building to the Harlem river.

The operations of private corporations and individuals in the public streets included the laying of 5½ miles of gas-mains, 12¾ miles of electric subways, and 2,078 lineal feet of subsidiary electric ducts. In the repairs and maintenance of private underground structures 4,674 separate excavations were made in the public streets.

An average force of 37 mechanics, 96 laborers and 17 carts was employed on repairs of water-mains, stop-cocks and fire-hydrants, and the following is a summary of the work done by this force : 39 old fire-hydrants replaced by new ones, 1,800 fire-hydrants repaired, 455 stop-cocks repaired, 215 leaks in water-mains repaired, 225 taps for service pipes shut off on account of leakage or waste.

OFFICE OF ENGINEER IN CHARGE OF SEWERS.

During the quarter 22 contracts for the construction of new sewers, and 11 contracts for the construction of receiving-basins were completed, including 18,862 lineal feet of sewers and 22 basins. Active progress has been made in the improvement of the old sewerage system contiguous to the water-front and at other places, including the construction of new sewers in Thirteenth avenue, between Twentieth and Twenty-third streets ; in Jane street and West Twelfth street, between Thirteenth avenue and Washington street ; in Willett and Lewis streets, between Rivington and Stanton streets ; in Columbia street, between Houston and Stanton streets ; in University place, between Clinton place and Ninth street ; in Wooster street, between West Fourth street and Washington place, and in William street, between Cedar and Pine streets.

The sewerage system on Manhattan Island now includes 454 miles of sewers, with 5,435 receiving-basins.

Work is now in progress on 38 contracts for new sewers and sewer-basins.

The following is a summary of the work done by the force employed in repairing and cleaning sewers and basins:

- 1,801 receiving-basins and culverts cleaned.
- 23,119 lineal feet of sewers cleaned.
- 136 lineal feet of sewers, culverts and spur-pipe rebuilt.
- 1 new manhole built.
- 1 new receiving-basin built.
- 37 receiving-basins repaired.
- 43 new manhole heads built.
- 133 manhole heads reset.
- 111 new manhole covers placed.
- 25 new basin covers placed.
- 61 basin grates and hoods placed.
- 4,299 cart-loads of deposits removed from sewers and basins.

BUREAU OF STREET IMPROVEMENTS.

Under the direction of this Bureau 5 contracts for regulating and grading streets, 24 contracts for flagging and curbing sidewalks, and 22 contracts for fencing vacant lots, were completed, including the following aggregate quantities of work:

- 15,742 cubic yards earth excavated.
- 18,702 cubic yards rock excavated.
- 39,259 cubic yards filling placed in embankments.
- 12,131 lineal feet new curb-stones set.
- 5,954 lineal feet curb-stones reset.
- 121,514 square feet of new flagging laid.
- 24,461 square feet old flagging relaid.
- 5,122 lineal feet fences built.
- 6,800 lineal feet retaining walls built.

BUREAU OF STREETS AND ROADS.

In the repair of macadam roadways 139,895 square yards of roads were improved by resurfacing with gravel, gravel screenings and trap-rock screenings, and the following materials were used: 846 truck-loads of broken stone, 573 truck-loads of stone screenings, 599 truck-loads of gravel, 382 truck-loads of gravel screenings, 153 truck-loads of sand.

In the cleaning of the roadways 9,166 truck-loads of surplus material were removed.

In the care and repairs of unpaved roadways 19,261 square yards of roadway were re-regulated and graded, for which 2,240 truck-loads of earth and stone were used.

BUREAU OF LAMPS AND GAS.

The following is a summary of the changes and additions made in the service of lighting public streets, parks, places, docks and bridges:

- 239 new gas-lamps placed and lighted.
- 115 new electric-lamps placed and lighted.
- 67 old gas-lamps relighted.
- 197 gas-lamps displaced by electric-lamps.

At the close of the quarter there were 24,052 gas-lamps, 2,389 electric-lamps, and 152 naphtha-lamps in service.

BUREAU OF REPAIRS AND SUPPLIES.

The report of the Superintendent of Repairs and Supplies, hereto annexed, gives in full detail the repairs and improvements made in the various public buildings, markets, armories and offices under the charge of this Department, and to mention the many items here would merely be a repetition of that report.

The Bureau report also gives a detailed statement of the condition of the work for the new Criminal Court Building, from which it will be seen that only minor items of interior work of carpentry, etc., remain to be finished to render the building ready for occupancy.

At the end of the quarter the free floating baths were closed for the season, and have since been stored in their winter quarters in Gowanus basin.

BUREAU OF INCUMBRANCES.

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

- 951 complaints of obstructions received and attended to.
- 377 seizures and removals of obstructions made.
- 255 dangerous shade-trees removed.
- 60 miles of overhead electric wires removed.
- 42 cart loads of abandoned material removed from the streets.
- 1,565 permits issued to place building material on streets.
- 8 permits issued to cut down shade trees.
- 171 miscellaneous permits issued.

BUREAU OF WATER REGISTER.

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

For water rents.....	\$1,468,191 98
For penalties on water rents.....	2,669 00
For permits to tap water-mains.....	2,738 50
Total.....	\$1,473,599 48

MISCELLANEOUS REVENUE.

The Department has also collected and paid into the City Treasury the following revenue from miscellaneous sources:

For sewer permits.....	\$4,765 79
For vault permits.....	25,875 24
For redemption of street obstructions.....	242 25
For articles sold at auction.....	4,480 84
For work and materials furnished citizens.....	6,480 22
For use of road rollers, etc.....	23 00
For restoring pavements over street openings.....	18,554 30
For furnishing and setting water-meters.....	5,343 85
Total.....	\$65,765 49

Further details in regard to the transactions of the Department will be found in the following documents appended to this report:

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

Very respectfully,

MICHAEL T. DALY, Commissioner of Public Works.

Document "A."

Showing Titles of Appropriations; Appropriations and Transfers of 1892; Requisitions from January 1, 1892, to July 1, 1893; Requisitions on Liabilities of 1892, during Third Quarter, 1893; Balances of 1892, October 1, 1893; Appropriations with Transfers, 1893; Requisitions, First Six Months, 1893; Requisitions, Third Quarter, 1893; Balances, October 1, 1893; The Titles and Expenditures on Trust and Special Accounts and Receipts for the First Nine Months, 1893.

TITLES OF APPROPRIATIONS.	APPROPRIATIONS, INCLUDING TRANSFERS, 1892.	REQUISITIONS FROM JANUARY 1, 1892, TO JULY 1, 1893.	REQUISITIONS ON LIABILITIES OF 1892 DURING THIRD QUARTER, 1893.	BALANCES OF 1892, ON OCTOBER 1, 1893.	APPROPRIATIONS WITH TRANSFERS, 1893.	REQUISITIONS, FIRST SIX MONTHS, 1893.	REQUISITIONS, THIRD QUARTER, 1893.	BALANCES, OCTOBER 1, 1893.
Aqueduct—Repairs, Maintenance and Strengthening—								
Care, Maintenance and Repairs.....	\$215,000 00	\$208,235 69	\$6,184 77	\$579 54	\$215,000 00	\$90,808 87	\$59,283 24	\$64,907 89
For Removal of Old Gate-house at Tenth Avenue and One Hundred and Nineteenth Street, etc.....	.....	.....	.....	.....	65,000 00	.....	.....	65,000 00
For Parapet Wall and Railing around the Old Central Park Reservoir.....	4,000 00	3,999 76	.....	24	.....	.....	.....	.....
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	27,850 00	27,841 03	.....	8 97	27,850 00	13,533 02	7,032 86	7,284 12
Boring Examinations for Grading and Sewer Contracts.....	5,000 00	4,999 25	.....	75	5,000 00	1,632 50	881 00	2,486 50
Boulevards, Roads and Avenues, Maintenance of.....	90,000 00	89,999 96	.....	04	90,000 00	37,866 30	34,804 35	17,329 35
For Resurfacing Sixth or Lenox avenue.....	40,000 00	20,287 75	14,882 07	4,830 18	.....	.....	.....	.....
Boulevards, Roads and Avenues, Maintenance of—Salaries.....	2,500 00	2,499 96	.....	04	2,500 00	1,249 98	624 99	625 03
Bronx River Works—Maintenance and Repairs.....	25,000 00	24,188 05	.....	811 95	20,000 00	8,928 53	4,757 80	6,313 67
Bronx River Works—Maintenance and Repairs—Salaries.....	2,400 00	1,441 38	.....	958 62	2,400 00	1,200 00	600 00	600 00
Contingencies—Department of Public Works.....	4,000 00	3,718 38	.....	281 62	4,000 00	1,822 69	927 69	1,249 62
Flagging Sidewalks and Fencing Vacant Lots, etc.....	2,000 00	1,761 05	.....	238 95	3,600 00	2,073 20	7 00	1,519 80
For New Fire Hydrants.....	5,000 00	4,998 75	.....	1 25	5,000 00	213 70	925 00	3,561 30
Free Floating Baths—Care and Maintenance.....	18,000 00	17,802 78	84 46	112 76	18,000 00	9,456 72	2,486 51	6,056 77
Free Floating Baths—Salaries.....	30,000 00	29,097 00	.....	903 00	30,000 00	7,014 50	17,594 00	5,391 50
Lamps and Gas and Electric Lighting.....	804,900 00	801,578 56	.....	3,321 44	906,000 00	352,781 41	222,340 42	330,878 17
Lamps and Gas and Electric Lighting—Salaries.....	6,500 00	6,368 08	.....	131 92	6,500 00	3,249 90	1,624 95	1,625 15
Laying Croton Pipes.....	231,290 00	215,240 10	7,549 62	8,500 28	230,290 00	46,419 91	59,884 70	123,985 39
Laying Croton Pipes—Salaries.....	18,710 00	18,529 98	.....	180 02	19,710 00	9,465 66	4,760 73	5,483 61
Public Buildings—Construction and Repairs.....	116,500 00	113,189 92	358 00	2,952 08	72,500 00	29,254 47	19,099 48	24,146 05
Public Drinking-hydrants.....	2,000 00	1,979 41	.....	20 59	2,000 00	763 72	834 59	401 69
Public Drinking-hydrants—Salaries.....	1,200 00	1,200 00	.....	.....	1,200 00	600 00	300 00	300 00
Removing Obstructions in Streets and Avenues.....	42,000 00	41,914 45	.....	85 55	25,000 00	14,780 55	6,514 35	3,705 10
Removing Obstructions in Streets and Avenues—Salaries.....	7,800 00	7,725 00	.....	75 00	7,800 00	4,050 00	1,942 74	1,807 26
Repairing and Renewal of Pipes, Stop-cocks, etc.....	215,000 00	213,687 59	331 32	981 09	215,000 00	104,306 82	54,077 90	56,615 28
Repairs and Renewal of Pavements and Regrading.....	350,000 00	323,658 87	18,312 47	8,028 66	270,000 00	67,825 23	81,187 58	120,987 19
Repairs and Renewal of Pavements and Regrading—Salaries.....	17,000 00	15,600 98	.....	1,399 02	17,000 00	7,666 21	3,977 73	5,356 06
Repaving Streets and Avenues.....	348,800 00	268,150 92	4,428 92	76,220 16	240,000 00	36,138 83	39,350 85	164,510 32

TITLES OF APPROPRIATIONS.	APPROPRIATIONS, INCLUDING TRANSFERS, 1892.	REQUISITIONS FROM JANUARY 1, 1892, TO JULY 1, 1893.	REQUISITIONS ON LIABILITIES OF 1892 DURING THIRD QUARTER, 1893.	BALANCES OF 1892, ON OCTOBER 1, 1893.	APPROPRIATIONS WITH TRANSFERS, 1893.	REQUISITIONS, FIRST SIX MONTHS, 1893.	REQUISITIONS, THIRD QUARTER, 1893.	BALANCES, OCTOBER 1, 1893.
Repaving Streets and Avenues—Salaries	\$13,000 00	\$12,779 50	.....	\$220 50	\$13,000 00	\$3,924 25	\$3,349 84	\$5,725 91
Roads, Streets and Avenues Unpaved—Maintenance, etc.....	30,000 00	29,955 36	\$15 75	28 89	30,000 00	10,706 85	8,338 09	10,923 56
Salaries—Department of Public Works.....	95,000 00	94,837 41	.....	162 59	95,000 00	47,359 96	23,712 24	23,927 80
Salaries—Engineer, Clerks, Inspectors, etc.....	58,000 00	56,123 45	.....	1,876 55	58,000 00	27,352 14	14,260 78	16,387 08
Salaries—Engineer and Inspectors—Repaving—Chapter 346, Laws 1889.....	10,000 00	9,909 95	.....	90 05	.....	.....	.....	.....
Sewers—Repairing and Cleaning.....	115,000 00	114,946 89	.....	53 11	100,000 00	45,810 84	25,954 21	28,234 95
Sewers—Repairing and Cleaning—Salaries.....	10,000 00	9,951 92	.....	48 08	10,000 00	4,743 96	2,441 98	2,814 06
Sewerage System—Salaries.....	8,400 00	8,353 34	.....	46 66	8,400 00	4,200 00	2,080 00	2,120 00
Street Improvements—For Surveying, Monumenting, etc.....	3,000 00	2,511 50	.....	488 50	6,500 00	1,128 50	1,660 47	3,711 03
Supplies for and Cleaning Public Offices, etc.....	139,250 00	137,101 11	1,238 15	910 74	148,500 00	54,777 09	37,565 11	56,157 80
Supplies for and Cleaning Public Offices, etc.—Salaries.....	18,920 00	18,121 66	.....	798 34	21,720 00	10,718 09	5,079 87	5,922 04
Supplying Water to Shipping and for Building Purposes—Salaries.....	10,000 00	9,077 50	.....	922 50	10,000 00	4,763 00	2,666 00	2,571 00
Surveys, Maps, etc., for Street Openings, etc.—Salaries.....	7,100 00	7,099 92	.....	08	7,600 00	3,799 98	1,899 99	1,900 03
Water Supply for the Twenty-fourth Ward.....	5,000 00	4,792 97	.....	207 03	6,500 00	2,365 66	2,020 65	2,113 69
Water Supply for the Twenty-fourth Ward—Salaries.....	1,200 00	1,200 00	.....	.....	1,200 00	548 39	300 00	331 61
Wells and Pumps—Repairing and Cleaning.....	250 00	13 55	.....	236 45	250 00	.....	.....	250 00
Total.....	\$3,156,570 00	\$2,986,470 68	\$53,385 53	\$116,713 79	\$3,018,020 00	\$1,075,301 43	\$757,149 69	\$1,185,568 88

NOTE.—Requisitions drawn Third Quarter, 1893, on Liabilities of 1890—For Completing the Excavation in the Old Central Park Reservoir, \$7,506.80; also, of Repaving Streets and Avenues, \$16,711.80; also, of Retaining Walls in East Fifty-first street, \$858.75. On Liabilities of 1891—On Concreting and Facing with Masonry Old Central Park Reservoir, \$12,960; also, of Laying Croton Pipes, \$3,194.55; also, of Repaving Streets and Avenues, \$6,111; also, of Sewers, Repairing and Cleaning, \$110.50; also, under Special Law—For Repaving—Chapter 349, Laws 1889, for the year 1889, \$5,871.49; for the year 1890, \$8,624.76; for the year 1891, \$17,204.60; also, under Special Law—For Repaving—Chapter 35, Laws 1892, for the year 1892, \$103,907.65, and for the year 1893, \$469,947.89.

TITLES OF TRUST ACCOUNTS.	BALANCES AND RETURNS OF ARREARS FROM 1892.	RECEIPTS, FIRST SIX MONTHS, 1893.	RECEIPTS, THIRD QUARTER, 1893.	APPROPRIATIONS, BALANCES AND RECEIPTS TO OCTOBER 1, 1893.	REQUISITIONS, FIRST SIX MONTHS, 1893.	REQUISITIONS, THIRD QUARTER, 1893.	REQUISITIONS, OCTOBER 1, 1893.	BALANCES, OCTOBER 1, 1893.
Croton Water Fund.....	\$120,370 79	\$66,402 70	\$186,773 49	.....
Street Improvement Fund.....	392,327 76	423,750 91	816,078 67	.....
Restoring and Repaving—Special Fund—Department of Public Works.....	\$19,903 40	\$35,910 50	\$18,554 30	\$74,368 20	26,023 65	22,000 91	48,447 06	\$26,343 64
Water-meter Fund, No. 2.....	21,792 40	5,343 85	1,120 89	28,257 14	8,715 93	4,448 26	13,164 19	15,092 95
Criminal Court-house Fund.....	111,875 00	53,073 27	164,948 27	.....
Fund for Viaduct, from St. Nicholas Place to Macomb's Dam Bridge.....	31,001 31	36,275 07	67,276 38	.....
Public Building, Twelfth Ward, Construction of.....	52,912 74	52,885 66	.....	52,885 66	27 08
Foundation of Pavement, One Hundred and Fifty-fifth Street Viaduct.....	4,875 00	.....	.....	.....	4,875 00
Bridge across Harlem river at Third avenue.....	1,266,911 50	9,795 11	5,318 36	15,113 47	1,251,798 03
Bridge across Harlem Ship Canal at Kingsbridge road.....	409,325 00	3,178 72	7,721 98	10,900 70	398,424 30
Water-main Stock.....	250,000 00	6,332 13	12,312 52	18,640 65	81,355 35
Additional Water Fund—City of New York.....	100,000 00	16,471 80	40,453 17	56,924 97	43,075 03

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

SOURCE OF REVENUE.	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	TOTALS.
Water rents	\$549,833 10	\$1,037,818 60	\$1,468,191 98	\$3,055,843 68
Water penalties.....	3,526 85	1,087 35	2,669 00	7,283 20
Pipe tapping.....	1,248 50	3,537 50	2,738 50	7,524 50
Sewer permits.....	3,822 16	7,083 98	4,765 79	15,671 93
Vault permits.....	14,555 39	51,982 08	25,875 24	92,412 71

SOURCE OF REVENUE.	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	TOTALS.
Redemption of street obstructions.....	\$375 75	\$1,856 00	\$242 25	\$2,474 00
Use of road-rollers.....	.....	.....	23 00	23 00
Sales at auction.....	214 65	2,645 21	4,480 84	7,340 70
Work and materials furnished citizens.....	619 30	15,117 75	6,480 22	22,217 27
Totals.....	\$574,195 70	\$1,121,128 47	\$1,515,466 82	\$3,210,790 99

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, 1893.

Aqueduct—Repairs, Maintenance and Strengthening, 1893—	
Blacksmithing	\$394 69
Brick	73 50
Cement	455 00
Coal	9,858 24
Hardware	441 32
Horse-hire	466 00
Lumber	619 17
Oil and paint.....	713 86
Pay-rolls	41,188 24
Repairs to pump	500 45
Rubber hose	152 00
Sand.....	50 00
Sundry supplies.....	359 13
Taxes	769 27
Traveling expenses	107 37
Water furnished Sing Sing Prison.....	3,045 00
Wood.....	90 00
Total.....	\$59,283 24
Aqueduct—Repairs, Maintenance and Strengthening, 1892—	
Coping-stone, Old Reservoir, Central Park.....	\$2,573 25
Flagging around Forty-second Street Reservoir.....	3,611 52
Total.....	\$6,184 77
Aqueduct—Repairs, Maintenance and Strengthening, 1891—	
Improvement of Old Reservoir, Central Park.....	\$12,960 00
Aqueduct—Repairs, Maintenance and Strengthening, 1890—	
Improvement of Old Reservoir, Central Park.....	\$7,506 80
Boring Examinations for Grading and Sewer Contracts, 1893—	
Pay-rolls	\$881 00
Boulevards, Roads and Avenues, Maintenance of, etc., 1893—	
Gravel, broken stone and screenings.....	\$10,190 98
Pay-rolls	23,497 90
Rent of lot, One Hundred and Nineteenth street and St. Nicholas avenue.....	1,000 00

Boulevards, Roads and Avenues, Maintenance of, etc., 1893—	
Repairs to sprinkler.....	\$81 57
Telephone service.....	33 90
Total.....	\$34,804 35
Boulevards, Roads and Avenues, Maintenance of, 1892—	
Resurfacing Sixth (or Lenox) avenue, from One Hundred and Tenth to One Hundred and Forty-fifth street.....	\$14,731 57
Pay-rolls	150 50
Total.....	\$14,882 07
Bronx River Works—Maintenance and Repairs, 1893—	
Hardware.....	\$35 90
Lumber	75 75
Oil.....	86 65
Pay-rolls.....	4,559 50
Total.....	\$4,757 80
Contingencies—Department of Public Works, 1893—	
Horse-hire	\$270 00
Miscellaneous incidental expenses.....	200 00
Postage stamps.....	439 69
Traveling expenses.....	18 00
Total.....	\$927 69
Flagging Sidewalks and Fencing Vacant Lots, etc., in Front of City Property, 1893—	
Pay-roll.....	\$7 00
For New Fire Hydrants, 1893—	
"A" hydrant.....	\$925 00
Free Floating Baths—Care and Maintenance, 1893—	
Hardware	\$65 59
Oil skin suits.....	18 00
Pay-rolls.....	294 00
Putting up gangway.....	300 00
Removing anchors	44 00
Repairs to plumbing	177 03
Towing baths.....	1,130 00
Traveling expenses	47 39
Wharfage	410 50
Total.....	\$2,486 51

Free Floating Baths—Care and Maintenance, 1892—

Lumber.....\$84 46

Lamps and Gas and Electric Lighting, 1893—

Cross-heads.....\$112 00
 Fire-alarm signal lamps.....82 50
 Gas examinations.....467 00
 Horse-hire.....546 00
 Lamp-posts.....4,278 87
 Lamp-irons.....167 00
 Lighting streets.....203,338 94
 Lighting offices.....8,911 73
 Pay-rolls.....800 50
 Repairing gas-holder.....150 00
 Repairing street lamps.....366 00
 Ruby globes.....93 75
 Rent of photometrical room.....240 00
 Street lamps.....1,317 60
 Street signs.....1,335 28
 Sundry supplies.....58 75
 Traveling expenses.....74 50

Total.....\$222,340 42

Laying Croton Pipes, 1893—

Cast-iron pipe.....\$6,184 77
 Changing taps.....374 22
 Horse-hire.....270 00
 Laying pipe.....47,239 79
 Pay-rolls.....3,754 81
 Relaying pavement.....62 83
 Stop-cocks.....1,509 48
 Sundry supplies.....78 75
 Traveling expenses.....410 05

Total.....\$59,884 70

Laying Croton Pipes, 1892—

Laying pipes.....\$7,549 62

Laying Croton Pipes, 1891—

Laying pipes.....\$3,194 55

Public Buildings—Construction and Repairs, 1893—

Armory, Seventh Regiment.....\$1,283 48
 " Eighth Regiment.....41 07
 " Ninth Regiment.....7 47
 " Twelfth Regiment.....1,252 78
 " Sixty-ninth Regiment.....125 70
 " Seventy-first Regiment.....11 00
 Brown-stone Building.....714 93
 Bureau of Repairs and Supplies.....387 17
 City Hall.....487 84
 Court-house, County.....3,779 11
 " Harlem.....276 41
 " Third District.....960 39
 " Seventh District.....511 48
 Court, First District Civil.....25 47
 " Second District Civil.....31 47
 " Fifth District Civil.....10 86
 " Tenth District Civil.....45 74
 " First District Police.....16 40
 " Third District Police.....197 00
 Department of Buildings.....213 03
 " Public Works.....689 04
 " Street Improvements, Twenty-third and Twenty-fourth Wards.....941 25
 Dog Pound.....24 98
 Hall of Records.....317 12
 Ludlow Street Jail.....395 77
 Market, Centre.....11 50
 " Clinton.....15 27
 " Essex.....7 60
 " Fulton.....436 07
 " Jefferson.....110 00
 " Union.....18 65
 " Washington.....6 42
 Pay-rolls.....3,172 50
 Stewart Buildings.....847 56
 Staats Zeitung Building.....585 60
 No. 49 Beekman street.....42 59
 No. 27 Chambers street.....9 90
 Fifty-sixth street and Twelfth avenue.....1,074 08
 Eighty-seventh Street Repair Shop.....14 78

Total.....\$19,099 48

Public Buildings—Construction and Repairs, 1892—

City Hall.....\$122 00
 Court-house—County.....236 00

Total.....\$358 00

Public Drinking-hydrants, 1893—

Repairing hydrants.....\$834 59

Removing Obstructions in Streets and Avenues, 1893—

Horse-hire.....\$270 00
 Pay-rolls.....1,428 00
 Removing obstructions.....1,923 80
 " poles and wires.....1,876 80
 " trees.....843 50
 Traveling expenses.....172 25

Total.....\$6,514 35

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

Changing tape.....\$19 55
 Coal and coke.....58 75
 Hardware.....341 65
 Horse-hire.....270 00
 Lead pipe.....232 50
 Lead.....1,165 51
 Lumber.....89 58
 Pay-rolls.....44,281 61
 Repairs to hydrants.....565 25
 Stop-cocks.....6,384 77
 Sundry supplies.....33 25
 Telephone service.....492 70
 Traveling expenses.....67 78
 White-wood plugs.....75 00

Total.....\$54,077 90

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

Laying mains in Southern Boulevard.....\$331 32

Repairs and Renewal of Pavements and Regrading, etc., 1893—

Cement.....\$482 50
 Compound boilers.....320 00
 Gravel.....210 06
 Horse-hire.....765 00
 Pay-rolls.....76,797 95
 Paving cement.....801 13
 Rent of lot, One Hundredth street.....62 50
 Repairing pavement.....26 75
 Repairing tools.....629 25
 Repairing tool boxes.....182 85
 Sundry supplies.....164 15
 Traveling expenses.....205 50
 Wood.....540 00

Total.....\$81,187 58

Repairs and Renewal of Pavements, 1892—

Cutting paving blocks.....\$375 00
 Relaying pavement.....12,076 09
 Sand.....5,861 38

Total.....\$18,312 47

Repaving (Chapter 346, Laws of 1889), 1891—

Park Row, between Frankfort street and Broadway.....\$17,204 60

Repaving (Chapter 346, Laws of 1889), 1890—

Eighth avenue, between Thirteenth and Fifty-ninth streets.....\$8,624 76

Repaving (Chapter 346, Laws of 1887), 1889—

Lexington avenue, from Twenty-first to Sixty-ninth street.....\$5,871 49

Repaving (Chapter 35, Laws of 1892), 1893—

Barclay street, from College place to Greenwich street.....\$18,726 99
 Bleecker street, from Crosby street to Eighth avenue.....12,620 58
 Broadway, from Thirty-fifth to Forty-second street.....10,988 95
 Forty-second street, from Eighth to Twelfth avenue.....24,467 10
 Fifty-second street, from Broadway to Eighth avenue.....31,707 71
 Fifty-ninth street, from Madison to Eighth avenue.....36,156 00
 Henry street, from Oliver to Rutgers street.....33,197 87
 Nineteenth street, from Fifth to Sixth avenue.....19,034 31
 Ninety-second street, from Columbus to Amsterdam avenue.....37,127 19
 Park avenue, from Sixty-eighth to Seventy-first street.....33,554 89
 Stanton street, from Clinton to Cannon street.....27,737 50
 Sixteenth street, from Livingston place to 150 feet east of Avenue A.....10,480 75
 Sixty-second street, from Fifth to Madison avenue.....37,177 64
 Seventy-fourth street, from Madison to Fourth avenue.....30,809 17
 Third avenue, from Ninety-sixth to One Hundred and Twenty-ninth street.....25,755 45
 Thirtieth street, from Madison to Fourth avenue.....3,715 24
 Thirty-fourth street, from Fourth to Eighth avenue.....14,822 50
 University place, from Waverly place to Fourteenth street.....26,544 58
 Worth street, from Broadway to Park Row.....18,784 57
 Horse-hire.....270 00
 Pay-rolls.....16,190 95
 Traveling expenses.....77 95

Total.....\$469,947 89

Repaving (Chapter 35, Laws of 1892), 1892—

Barclay street, from Greenwich to West street.....\$112 58
 Beaver street, from Whitehall to Pearl street.....1,657 96
 Cedar street, from Greenwich to West street.....4,478 45
 Cortlandt street, from Greenwich to West street.....7,937 54
 Dey street, from Greenwich to West street.....370 88
 Fulton street, from Greenwich to Washington street.....1,823 96
 Fourth avenue, from Broadway to Thirty-second street.....52,127 60
 Liberty street, from Greenwich to Washington street.....135 62
 Park place, from Greenwich to West street.....6,897 84
 Washington street, from Battery place to Murray street.....28,365 23

Total.....\$103,907 66

Repaving Streets and Avenues, 1893—

Third avenue, from Fifty-ninth to Ninety-sixth street.....\$39,350 85

Repaving Streets and Avenues, 1892—

Ninth street, from Avenue D to East river.....\$158 46
 Twenty-seventh street, from Tenth to Eleventh avenue.....2,224 46
 Thirty-fourth street, from Eleventh avenue to Hudson river.....1,326 69
 Thirteenth avenue, from Washington street to Tenth avenue.....719 31

Total.....\$4,428 92

Repaving Streets and Avenues, 1891—

Bowery, from Chatham square to Sixth street.....\$6,111 00

Repaving Streets and Avenues, 1890—

Park Row, from Frankfort street to Chatham square.....\$16,711 80

Retaining Wall in East Fifty-first and East Forty-second Streets—

Work on contract.....\$858 75

Roads, Streets and Avenues Unpaved, 1893—

Hardware.....\$138 68
 Horse-hire.....270 00
 Pay-roll.....7,779 51
 Rubber hose.....125 00
 Sundry supplies.....24 90

Total.....\$8,338 09

Roads, Streets and Avenues Unpaved, 1892—

Coal.....\$15 75

Sewers, Repairing and Cleaning, 1893—

Brick.....\$196 00
 Cement.....67 50
 Cleaning sewers.....3,667 89
 Grate bars.....252 00
 Horse-hire.....270 00
 Manhole heads and covers.....1,126 13
 Pay-rolls.....19,825 75
 Removing old material.....190 00
 Repairing pavement.....13 50
 Sand.....75 00
 Sundry supplies.....146 19
 Traveling expenses.....124 25

Total.....\$25,954 21

Sewers, Repairing and Cleaning, 1891—

Repairing sewer.....\$110 50

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

Pay-rolls.....\$1,235 47
 Surveying instruments.....425 00

Total.....\$1,660 47

Supplies for and Cleaning Public Offices, 1893—

Bureau of Repairs and Supplies.....	\$12,144 95
Brown Stone Building.....	27 00
City Hall.....	200 62
Court-house County.....	132 48
" Harlem.....	37 00
" Third District.....	210 88
Court, Fifth District Civil.....	7 50
" Sixth.....	7 50
" Seventh.....	5 00
" Eighth.....	7 50
" Sixth District Police.....	8 00
" City.....	63 50
" Common Pleas.....	236 25
" General Sessions.....	31 50
" Supreme.....	185 17
" Superior.....	105 65
Department, Building.....	108 90
" Charities and Correction.....	192 00
" Finance.....	175 92
" Fire.....	57 50
" Public Works.....	307 65
" Street Cleaning.....	50 00
" Street Improvements—Twenty-third and Twenty-fourth Wards.....	30 00
" Taxes and Assessments.....	1,075 00
Office, Attorney for the Collection of Personal Taxes.....	16 50
" Board of Assessors.....	7 50
" Board of City Record.....	17 00
" Board of Police Justices.....	10 50
" Corporation Counsel.....	946 57
" County Clerk.....	7 50
" Common Council.....	15 00
" Corporation Attorney.....	16 50
" Commissioner of Accounts.....	7 50
" Coroner.....	13 00
" District Attorney.....	65 25
" Mayor.....	63 60
" Public Administrator.....	10 00
" Register.....	16 50
" Surrogate.....	39 00
" Sheriff.....	15 00
Ludlow Street Jail.....	7 50
Pay-rolls.....	20,892 22
Total.....	\$37,565 11

Supplies for and Cleaning Public Offices, 1892—

Bureau of Repairs and Supplies.....	\$739 65
Court, City.....	17 00
" Superior.....	181 75
Department, Building.....	51 25
" Public Works.....	13 00
Office, Common Council.....	36 75
" Surrogate.....	198 75
Total.....	\$1,238 15

Water Supply for the Twenty-fourth Ward.....\$2,020 65

RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening, 1893.....	\$59,283 24
Aqueduct—Repairs, Maintenance and Strengthening, 1892.....	6,184 77
Aqueduct—Repairs, Maintenance and Strengthening, 1891.....	12,960 00
Aqueduct—Repairs, Maintenance and Strengthening, 1890.....	7,506 80
Aqueduct—Repairs, Maintenance and Strengthening—Salaries, 1893.....	7,032 86
Boring Examinations for Grading and Sewer Contracts, 1893.....	881 00
Boulevards, Roads and Avenues—Maintenance of, 1893.....	34,804 35
Boulevards, Roads and Avenues—Maintenance of, 1892.....	14,882 07
Boulevards, Roads and Avenues—Maintenance of—Salaries, 1893.....	624 99
Bronx River Works—Maintenance and Repairs, 1893.....	4,757 80
Bronx River Works—Maintenance and Repairs—Salaries, 1893.....	600 00
Contingencies—Department of Public Works, 1893.....	927 69
Flagging Sidewalks and Fencing Vacant Lots, 1893.....	7 00
For New Fire Hydrants, 1893.....	925 00
Free Floating Baths—Care and Maintenance, 1893.....	2,486 51
Free Floating Baths—Care and Maintenance, 1892.....	84 46
Free Floating Baths—Care and Maintenance—Salaries, 1893.....	17,594 00
Lamps, Gas and Electric Lighting, 1893.....	222,340 42
Lamps, Gas and Electric Lighting—Salaries, 1893.....	1,624 95
Laying Croton Pipes, 1893.....	59,884 70
Laying Croton Pipes, 1892.....	7,549 62
Laying Croton Pipes, 1891.....	3,194 55
Laying Croton Pipes—Salaries, 1893.....	4,760 73
Public Buildings—Construction and Repairs, 1893.....	19,099 48
Public Buildings—Construction and Repairs, 1892.....	358 00
Public Drinking Hydrants, 1893.....	834 59
Public Drinking Hydrants—Salaries, 1893.....	300 00
Removing Obstructions in Streets and Avenues, 1893.....	6,514 35
Removing Obstructions in Streets and Avenues—Salaries, 1893.....	1,942 74
Repairing and Renewal of Pipes, Stop-cocks, 1893.....	54,077 90
Repairing and Renewal of Pipes, Stop-cocks, 1892.....	331 32
Repairs and Renewal of Pavements and Regrading, 1893.....	81,187 58
Repairs and Renewal of Pavements and Regrading, 1892.....	18,312 47
Repairs and Removal of Pavements and Regrading—Salaries, 1893.....	3,977 73
Repaving—(Chapter 346, Laws of 1889), 1891.....	17,204 60
Repaving—(Chapter 346, Laws of 1889), 1890.....	8,624 76
Repaving—(Chapter 346, Laws of 1889), 1889.....	5,871 49
Repaving—(Chapter 35, Laws of 1892), 1893.....	469,947 89
Repaving—(Chapter 35, Laws of 1892), 1892.....	103,907 66
Repaving Streets and Avenues, 1893.....	39,350 85
Repaving Streets and Avenues, 1892.....	4,428 92
Repaving Streets and Avenues, 1891.....	6,111 00
Repaving Streets and Avenues, 1890.....	16,711 80
Repaving Streets and Avenues—Salaries, 1893.....	3,349 84
Retaining-walls in East Fifty-first and East Forty-second Streets, 1890.....	858 75
Roads, Streets and Avenues Unpaved, 1893.....	8,338 09
Roads, Streets and Avenues Unpaved, 1892.....	15 75
Salaries—Department of Public Works, 1893.....	23,712 24
Salaries of Engineer, Clerk, Inspectors, etc., 1893.....	14,260 78
Sewers—Repairing and Cleaning, 1893.....	25,954 21
Sewers—Repairing and Cleaning, 1892.....	110 50
Sewers—Repairing and Cleaning—Salaries, 1893.....	2,441 08
Sewerage System—Salaries.....	2,080 00
Street Improvements—for Surveying, Monumenting, etc., 1893.....	1,660 47
Supplies for and Cleaning Public Offices, 1893.....	37,565 11
Supplies for and Cleaning Public Offices, 1892.....	1,238 15
Supplies for and Cleaning Public Offices—Salaries, 1893.....	5,079 87
Supplying Water to Shipping and for Building Purposes—Salaries, 1893.....	2,666 00
Surveys, Maps, etc., for Street Openings—Salaries, 1893.....	1,899 99
Water Supply for the Twenty-fourth Ward, 1893.....	2,020 65
Water Supply for the Twenty-fourth Ward—Salaries, 1893.....	300 00
Total.....	\$1,463,545 02

TRUST ACCOUNTS.

Additional Water Fund of the City of New York—	
Brick, cement, etc.....	\$602 41
Disinfecting plant.....	18,200 00
Dynamite.....	149 33

Additional Water Fund of the City of New York—

Horse-hire.....	\$168 00
Lumber.....	119 20
Photographing buildings.....	1,365 00
Printing and publishing notices.....	3,069 48
Professional services.....	2,512 00
Pay-rolls.....	10,126 08
Removing nuisances.....	1,923 13
Surveys.....	1,337 50
Sundry expenses.....	529 97
Traveling expenses.....	351 07
Total.....	\$40,453 17

Bridge across Harlem River at Third Avenue—

Advertising.....	\$108 40
Lease of property, Third avenue and Harlem river.....	3,499 98
Pay-rolls.....	1,709 98
Total.....	\$5,318 36

Bridge across Harlem Ship Canal, at Kingsbridge Road—

Building temporary bridge.....	\$6,693 75
Pay-rolls.....	267 75
Professional services.....	760 48
Total.....	\$7,721 98

Croton Water Fund—

Clerical services.....	\$536 40
Drawing materials.....	90 87
Horse-hire.....	580 50
Pay-rolls.....	15,384 77
Professional services.....	11,680 00
Printing.....	964 67
Reservoir near Amawalk.....	27,478 35
Reservoir and dam, Byram river.....	8,779 14
Repairing surveying instruments.....	90 25
Rent of room, Stewart Building.....	100 00
Sundry supplies.....	158 85
Taxes.....	17 00
Traveling expenses.....	541 90
Total.....	\$66,402 70

Criminal Court-house Fund—

Architect's fees.....	\$2,004 27
Carpenter work.....	19,983 00
Iron work.....	9,180 00
Mason work.....	18,750 00
Plumbing, gas-fitting and drainage.....	1,050 00
Pay-rolls.....	2,106 00
Total.....	\$53,073 27

Fund for Viaduct from St. Nicholas Place to Macomb's Dam Bridge—

Architect's fees.....	\$1,361 36
Painting.....	325 00
Pay-rolls.....	554 71
Work on contract.....	34,034 00
Total.....	\$36,275 07

Restoring and Repaving—Special Fund—

Blue stone.....	\$360 00
Broken stone.....	190 00
Gravel.....	161 00
Paving cement.....	464 52
Pay-rolls.....	15,221 81
Repairing pavement.....	1,095 08
Restoring pavement.....	4,508 50
Total.....	\$22,000 91

Street Improvement Fund—

Curbing and flagging.....	\$15,273 07
Fencing.....	1,050 87
Paving and crosswalks.....	159,134 58
Pay-rolls.....	25,226 60
Regulating, grading, etc.....	55,793 86
Sewers.....	160,589 52
Surveying.....	5,531 01
Horse-hire.....	270 00
Traveling expenses.....	281 40
Total.....	\$423,750 91

Water Meter Fund, No. 2—

Setting Meters.....	\$2,418 26
Water Meters.....	2,030 00
Total.....	\$4,448 26

Water-main Stock—

Building foundation for high service works.....	\$10,276 02
Pay-rolls.....	2,036 50
Total.....	\$12,312 52

RECAPITULATION OF FUNDS.

Additional Water Fund of the City of New York.....	\$40,453 17
Bridge across Harlem River at Third Avenue.....	5,318 36
Bridge across Harlem Ship Canal at Kingsbridge Road.....	7,721 98
Croton Water Fund.....	66,402 70
Criminal Court-house Fund.....	53,073 27
Fund for Viaduct from St. Nicholas Place to Macomb's Dam Bridge.....	36,275 07
Restoring and Repaving—Special Fund—Department of Public Works.....	22,000 91
Street Improvement Fund.....	423,750 91
Water Meter Fund, No. 2.....	4,448 26
Water-main Stock.....	12,312 52
Total.....	\$671,757 15

Document "C."

STATEMENT OF CONTRACTS.

Contracts Entered Into during the Three Months ending September 30, 1893.

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
<i>Sewer and Receiving-basin Contracts.</i>		
Sewer in Twelfth avenue, east side, between Fifty-fifth and Fifty-sixth streets, etc.....	Neil Golding.....	\$7,073 50
Sewer in Ninety-fourth street, between Boulevard and Amsterdam avenue.....	John Kenny, Jr.....	2,328 45
Sewer in Ninety-fourth street, between Boulevard and West End avenue.....	".....	2,563 00
Sewer in One Hundred and Sixtieth street, between Eleventh and Amsterdam avenues.....	Michael Maher.....	5,118 80

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
Sewer in Ninety-fifth street, between Fifth and Madison avenues.....	McLaughlin & McGrath.....	\$1,720 00	Paving Eleventh street, between Sixth and Seventh avenues; Eighth street, between Avenues B and C, and New street, between Wall and Broad streets.....	Sicilian Asphalt Paving Co....	\$28,051 70
Sewer in Ninety-eighth street, between Fifth and Madison avenues....	".....	1,520 00	Paving Seventy-sixth street, between Lexington and Third avenues, and Sixty-third street, between Madison and Park avenues.....	".....	11,151 10
Sewer in One Hundred and Third street, between Fifth and Madison avenues, etc.....	".....	1,456 00	Paving Twenty-seventh street, between Fifth and Sixth avenues, and Twenty-ninth street, between Lexington and Third avenues.....	Barber Asphalt Paving Co....	16,862 00
Sewer in Ninety-seventh street, between Park and Madison avenues....	E. S. Van Aiken.....	1,404 50	Paving Fifty-eighth street, between Sixth and Seventh avenues, and Seventy-sixth street, between Central Park, West, and Boulevard.....	".....	35,302 50
Sewer in One Hundred and Second street, between Fifth and Madison avenues.....	".....	3,680 00	Paving One Hundred and Twenty-third street, between Seventh and Eighth avenues.....	".....	10,884 10
Sewer in One Hundred and Forty-sixth street, between Hudson river and Boulevard.....	John Cox.....	5,341 50	Paving Boulevard, west side, from Ninety-second to One Hundred and Eighth street.....	".....	64,185 00
Sewer in North William street, between Frankfort street and Park Row (alteration and improvement).....	William F. Cunningham.....	3,230 00	Paving One Hundred and Twenty-seventh street, between Park and Fifth avenues.....	".....	11,765 00
Sewer foot of Forty-second street, North river (alteration and improvement).....	".....	7,386 03	Paving Twenty-sixth street, between Madison and Thirtieth avenues (except from Tenth to Thirtieth avenue).....	".....	61,473 00
Sewer in Nineteenth street, between Eleventh and Thirteenth avenues	".....	1,456 03	Paving Thirtieth street, between Eleventh avenue and Hudson river (land grant).....	F. Thilemann, Jr.....	12,162 00
Sewer in Sixty-third street, between Park and Madison avenues.....	John Slattery.....	4,776 75	Paving One Hundred and Twenty-first street, between Eighth and Ninth avenues.....	P. H. McCullagh.....	5,718 59
Sewer in Avenue St. Nicholas, between One Hundred and Thirty-seventh and One Hundred and Forty-first streets, etc.....	Thomas Murray.....	9,497 20	Paving Sixty-fourth street, between West End avenue and Hudson river.....	".....	2,295 10
Sewer in Twelfth avenue, east side, between Thirtieth and Thirty-third streets.....	Philip J. Kearns.....	12,523 00	Paving Ninety-seventh street, between West End avenue and Riverside Park.....	James Pollock.....	2,957 22
Sewer in Fifth avenue, between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets, and in One Hundred and Thirty-eighth street.....	".....	8,487 50	Crosswalks across Avenue St. Nicholas at its intersection with the west side of Eighth avenue.....	Thomas J. Dunn.....	393 30
Sewer in Madison avenue, between One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets, and in One Hundred and Thirty-seventh street.....	".....	5,120 00	Crosswalks across Avenue A at north side of Sixty-seventh and Sixty-eighth street.....	".....	297 57
Sewer in One Hundred and Thirty-eighth street, between Lenox and Seventh avenues.....	Patrick McInerney.....	8,120 00	Crosswalks across Fifty-ninth street at west side of Eighth avenue.....	".....	109 00
Receiving-basin, northwest and southwest corners of One Hundred and Forty-sixth street, and northwest corner of One Hundred and Forty-seventh street and Convent avenue.....	John Kenny.....	770 00	Crosswalks across Sixth avenue at north side of Fifty-fourth street.....	".....	142 00
Receiving-basin, southwest corners of One Hundred and Forty-ninth and One Hundred and Fiftieth street and Convent avenue.....	".....	516 00	Crosswalks across One Hundred and Twenty-fifth street at east and west sides of Lexington avenue.....	".....	237 40
		\$94,088 20			\$749,008 08
<i>Regulating, Grading, Curbing and Flagging Contracts.</i>			<i>Fencing Vacant Lots Contracts.</i>		
Regulating, grading, etc., St. Nicholas terrace, from south side of One Hundred and Thirtieth street to Convent avenue.....	William G. Leeson.....	\$61,972 70	Fencing vacant lots, southeast corner Seventy-third street and Riverside Drive.....	Patrick Hardiman.....	\$120 40
Regulating, grading, etc., One Hundred and Thirty-sixth street, from Fifth avenue to Harlem river.....	Jerome Finn.....	1,886 50	Fencing vacant lots, northwest corner Avenue B and Eighty-ninth street.....	".....	99 82
Regulating, grading, etc., One Hundred and Fiftieth street, from Amsterdam avenue to Boulevard.....	John J. Hopper.....	7,131 50	Fencing vacant lots, One Hundred and Fourteenth street, south side, between Park and Madison avenues.....	".....	107 80
Regulating, grading, etc., One Hundred and Eighty-seventh street, from Amsterdam avenue to Kingsbridge road.....	Guion & Ullo.....	26,599 44	Fencing vacant lots, West End avenue, from Seventieth to Seventy-first street.....	".....	186 34
Flagging and curbing Fifty-ninth street, north side, from Amsterdam to Eleventh avenue.....	Joseph J. Haiduven.....	493 80	Fencing vacant lots, southeast corner Madison avenue and Eighty-ninth street.....	".....	102 20
Flagging and curbing Boulevard, from Fifty-ninth to Sixty-third street.	A. E. Moran.....	3,299 86	Fencing vacant lots, northwest corner One Hundred and Thirty-first street and Fifth avenue.....	".....	74 56
Flagging and curbing Sixty-second street, from Amsterdam to Eleventh avenue.....	".....	1,677 08	Fencing vacant lots in front of Nos. 224 to 230 West Seventy-eighth street.....	".....	26 00
Flagging and curbing Lexington avenue, west side, from One Hundred and Eighteenth to One Hundred and Nineteenth street, and from One Hundred and Twentieth to One Hundred and Twenty-first street.....	".....	865 71	Fencing vacant lots, block bounded by One Hundred and Forty-first and One Hundred and Forty-second street, Seventh and Eighth avenues.....	".....	247 00
Flagging and curbing Ninety-seventh street, from Amsterdam avenue to Boulevard.....	".....	1,345 00	Fencing vacant lots, northwest corner of One Hundred and Thirty-second street and Fifth avenue.....	".....	77 52
Flagging and curbing northwest corner of Thirty-fourth street and Broadway.....	".....	727 71	Fencing vacant lots, southwest corner of One Hundred and Thirty-third street and Fifth avenue.....	".....	97 20
Flagging and curbing One Hundred and Fourth street, from Columbus to Amsterdam avenue.....	Bart. Dunn.....	621 40	Fencing vacant lots, One Hundred and Thirty-first street, north side, between Park and Madison avenues.....	".....	23 50
Flagging and curbing Ninety-sixth street, from Boulevard to Riverside Drive.....	William F. Cunningham.....	3,429 80	Fencing vacant lots, southeast corner of One Hundred and Twelfth street and Fifth avenue.....	".....	138 61
Flagging and curbing West End avenue, east side, from Sixty-second to Sixty-fourth street.....	".....	1,014 45	Fencing vacant lots, One Hundred and Forty-third street, west of Eighth avenue.....	".....	25 23
Flagging and curbing Sixtieth street, south side, from Tenth to Eleventh avenue.....	".....	511 48	Fencing vacant lots, northeast corner of One Hundred and Tenth street and Fifth avenue and southeast corner of One Hundred and Eleventh street and Fifth avenue.....	".....	217 55
Flagging and curbing Fifth avenue, west side, from One Hundred and Thirty-fourth to One Hundred and Thirty-fifth street.....	".....	638 06	Fencing vacant lots, One Hundred and First street, north side, from Lexington to Park avenue.....	".....	91 05
Flagging and curbing southeast corner of Forty-fourth street and Fifth avenue.....	Thomas J. Dunn.....	178 00	Fencing vacant lots, Amsterdam avenue, Boulevard, Ninety-first and Ninety-second streets.....	".....	472 00
Flagging and curbing Ninety-fifth street, from First to Second avenue	Denis McGrath.....	175 00	Fencing vacant lots, Eighty-ninth street, south side, west of Second avenue.....	".....	44 50
Flagging and curbing Eighty-seventh street, from Park to Madison avenue.....	".....	151 90			\$2,151 28
Flagging and curbing northeast corner of Bowery and Fifth street.....	Thomas J. Dunn.....	194 50	<i>Laying Water-mains Contracts.</i>		
Flagging and curbing Seventh avenue, from Nineteenth to Twentieth street.....	".....	135 50	Laying water-mains in Rider and Prospect avenues and in One Hundred and Twelfth, One Hundred and Fifteenth, One Hundred and Seventeenth, One Hundred and Thirty-third, One Hundred and Thirty-seventh, One Hundred and Thirty-eighth, One Hundred and Forty-fifth, One Hundred and Forty-ninth, One Hundred and Fifty-sixth, One Hundred and Fifty-eighth, One Hundred and Sixtieth, One Hundred and Sixty-sixth, One Hundred and Eighty-fourth and George streets.....	J. S. Rogers.....	\$5,680 50
Flagging and curbing southeast corner of Sixth avenue and Fortieth street.....	".....	274 10	Laying water-mains in Lenox, Webster, Tinton, Jansen, Oakland, Wales and Third avenues, in Twenty-second, Eighty-third, Ninetieth, Ninety-fourth, Ninety-ninth, One Hundred and First, One Hundred and Thirty-eighth, One Hundred and Forty-second, One Hundred and Forty-fourth, One Hundred and Forty-fifth, One Hundred and Sixtieth, One Hundred and Seventy-third streets, and in Fairmount place, Jumel terrace, Wicker place, Van Corlears place and Prospect place.....	".....	9,668 00
Flagging and curbing One Hundred and Twenty-third street, from First to Second avenue.....	".....	417 50			\$15,348 50
Flagging and curbing Amsterdam avenue, north and south of One Hundred and Forty-second street.....	".....	377 00	<i>Miscellaneous Contracts.</i>		
Flagging and curbing Sixty-third street, south side, west of Second avenue.....	".....	337 90	Building temporary bridge and approaches over the Harlem Ship Canal, east of Kingsbridge road, etc.....	P. Sanford Ross.....	\$8,875 00
Flagging and curbing One Hundred and Thirty-fourth street, from Fifth to Madison avenue.....	".....	425 00	Furnishing 20,000 cubic yards of sand.....	Murray & Reid.....	11,800 00
Regulating, grading, etc., One Hundred and Ninetieth street, from Fifth avenue to Harlem river.....	Philip J. Kearns.....	2,027 24	Repairing and recovering the roof and look-out of the tower at High Bridge.....	John Flanagan.....	3,275 00
Regulating, grading, etc., One Hundred and Ninetieth street, from Audubon to Eleventh avenue.....	William E. Dean.....	4,328 50	Pointing-up, cleaning and painting the Third District Court-house.....	George Derr.....	3,160 00
		\$121,236 63	Pointing-up the Seventh Regiment Armory.....	".....	1,697 00
<i>Paving, Repaving and Crosswalks Contracts.</i>					\$28,807 00
Paving South street, from Whitehall to Corlears street (land grant)...	James Quinn.....	\$159,844 60	<i>RECAPITULATION.</i>		
Paving South street, from Whitehall to Corlears street (not land grant).....	John G. Smith.....	63,961 50	21 Sewer and Receiving-basin Contracts.....		\$94,088 20
Paving Fort George avenue, from Amsterdam to Eleventh avenue.....	Timothy Mahoney.....	18,830 00	27 Regulating, Grading, Curbing and Flagging Contracts.....		121,236 63
Paving Eleventh avenue, from Kingsbridge to Fort George road.....	".....	87,186 00	46 Paving, Repaving and Crosswalks Contracts.....		749,008 08
Paving Charles lane, from Washington to West street.....	Thomas F. Myers.....	1,696 55	17 Fencing Contracts.....		2,151 28
Paving Manhattan street, from Twelfth avenue to Hudson river.....	".....	2,146 10	2 Laying Water-mains Contracts.....		15,348 50
Paving Sixty-eighth street, from Eastern Boulevard to East river.....	".....	5,011 90	5 Miscellaneous Contracts.....		28,807 00
Paving Sixty-sixth street, from Columbus avenue to Boulevard.....	".....	876 86	118 Contracts.....		\$1,010,639 69
Paving Seventy-second street, from Eastern Boulevard to East river..	James A. Gearty.....	7,116 90			
Paving One Hundred and Fifty-sixth street, from Amsterdam to St. Nicholas avenue.....	".....	3,029 80	<i>Contracts Completed.</i>		
Paving One Hundred and Forty-sixth street, from Amsterdam avenue to Boulevard.....	James Pollock.....	6,757 10	NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
Paving One Hundred and Twelfth street, from Madison to Fifth avenue	P. H. McCullagh.....	3,591 15		<i>Sewer and Receiving-basin Contracts.</i>	
Paving One Hundred and Seventeenth street, from Madison to Park avenue.....	".....	3,325 86	Sewer.....	In One Hundred and Sixty-sixth street, between Amsterdam and Audubon avenues.....	\$2,938 50
Paving One Hundred and Twentieth street, from Eighth to Manhattan avenue.....	".....	3,139 59	".....	In One Hundred and Eighty-first street, between Amsterdam and Eleventh avenues, etc.....	14,096 00
Paving One Hundred and Thirty-seventh street, from Lenox to Seventh avenue.....	Michael Fitzgerald.....	6,475 83	".....	In University place, between Clinton place and Ninth street..	887 25
Paving One Hundred and Fortieth street, from Seventh avenue to Edgecombe road.....	".....	9,000 24	".....	In Thirty-seventh street, between East river and First avenue.	3,579 00
Paving West End avenue, from One Hundred and Fifth to One Hundred and Seventh street.....	Warren-Scharf Asphalt Paving Co.....	9,221 89	".....	In Jane and West Twelfth streets, between Thirteenth avenue and Washington street.....	31,533 62
Paving Sixteenth street, from Avenue A to Avenue C (land grant)...	Warren-Scharf Asphalt Paving Co.....	14,105 10	".....	In One Hundred and Forty-first street, between Lenox and Seventh avenues.....	2,321 28
Paving Eightieth street, from West End avenue to Riverside Drive.	Warren-Scharf Asphalt Paving Co.....	3,677 26	".....	In One Hundred and Eleventh street, between Harlem river and First avenue.....	2,426 00
Paving One Hundred and Twelfth street, from Amsterdam avenue to Boulevard.....	Warren-Scharf Asphalt Paving Co.....	8,419 66	".....	In One Hundred and Seventh street, between Manhattan and Amsterdam avenues.....	5,893 25
Paving One Hundred and Thirteenth street, from Eighth to Manhattan avenue.....	Warren-Scharf Asphalt Paving Co.....	4,123 14	".....	In One Hundred and Seventh street, between Boulevard and Amsterdam avenue.....	2,627 30
Paving One Hundred and Twenty-sixth street, from Amsterdam avenue to Boulevard.....	Warren-Scharf Asphalt Paving Co.....	8,416 51			
Paving One Hundred and Thirty-ninth street, from Eighth to Edgecombe avenue.....	Warren-Scharf Asphalt Paving Co.....	3,805 18			
Paving One Hundred and Fifty-third street, from Amsterdam avenue to Boulevard.....	Warren-Scharf Asphalt Paving Co.....	8,452 60			
Paving Ninety-seventh street, from Boulevard to West End avenue.	Warren-Scharf Asphalt Paving Co.....	3,756 55			
Paving Manhattan avenue, from One Hundred and Third to One Hundred and Fifth street.....	Warren-Scharf Asphalt Paving Co.....	6,294 10			
Paving One Hundred and Forty-third street, from Amsterdam to Convent avenue.....	Warren-Scharf Asphalt Paving Co.....	4,075 18			
Paving One Hundred and Forty-fourth street, from Boulevard to Convent avenue.....	Warren-Scharf Asphalt Paving Co.....	12,860 09			
Paving Sixteenth street, from Livingston place to 150 feet east of Avenue A.....	Sicilian Asphalt Paving Co....	16,700 20			

NATURE OF WORK.		LOCATION OF WORK.	AMOUNT.	NATURE OF WORK.		LOCATION OF WORK.	AMOUNT.
Sewer		In Wooster street, between West Fourth street and Washington place, etc.	\$2,504 00	Paving		Cedar street, from Greenwich to West street (land grant)....	\$1,225 50
"		In One Hundred and Forty-seventh street, between Boulevard and Amsterdam avenue.	6,415 20	"		Morris street, from Greenwich to West street (land grant)...	696 87
"		In One Hundred and Forty-third street, between Lenox and Seventh avenues.	2,421 04	"		Rector street, from Greenwich to West street (land grant)...	1,965 86
"		In One Hundred and Forty-second street, between Lenox and Seventh avenues.	2,313 04	"		Perry street, from Washington to West street (land grant)...	1,204 09
"		In One Hundred and Forty-eighth street, between Avenue St. Nicholas and Amsterdam avenue.	4,655 93	"		Albany street, from Greenwich to West street (land grant)...	1,863 40
"		In Edgecombe avenue, between One Hundred and Forty-fifth and One Hundred and Fifty-fifth streets.	43,322 05	"		Cortlandt street, from Greenwich to West street (not land grant)	8,301 70
"		In Columbus street, between Houston and Stanton streets....	3,177 80	"		Park place, from Greenwich to West street (not land grant)...	7,225 84
"		In Ninety-eighth street, between Third and Park avenues..	8,348 78	"		Twenty-seventh street, from Tenth to Eleventh avenue (not land grant).....	2,353 36
"		In Thirteenth avenue, east side, between Twentieth and Twenty-third streets, and alteration and improvement to sewers in Twenty-first and Twenty-second streets.	13,794 75	"		Worth street, from Broadway to Park Row.....	19,854 25
"		In Columbus avenue, west side, between One Hundred and Eighth and One Hundred and Tenth streets, and in One Hundred and Eighth street.	12,435 20	"		Seventy-fourth street, from Madison to Fourth avenue; Seventy-seventh street, from Fourth to Lexington avenue, and Seventy-eighth and Seventy-ninth streets, from Madison to Fifth avenue, etc.	44,013 00
"		In Willett street, between Rivington and Stanton streets....	3,805 75	"		University place, from Waverly place to Fourteenth street....	28,077 34
"		In Twelfth avenue, between Fiftieth and Fifty-second streets, etc.	10,192 50	"		Avenue B, from Eighty-sixth to Eighty-ninth street.....	13,603 53
"		In Lewis street, between Rivington and Stanton streets.....	4,271 00	"		Thirteenth street, from Washington street to Thirteenth avenue (land grant).....	11,063 91
"		In One Hundred and Thirty-sixth street, between Fifth and Lenox avenues.....	5,334 20	"		Thirteenth avenue, from Eighteenth to Twenty-third street (land grant).....	27,569 78
"		In William street, between Cedar and Pine streets.....	853 00	"		One Hundred and Sixty-first street, from Amsterdam avenue to Boulevard.....	7,190 80
Receiving-basin		One Hundred and Fifth street, between Harlem river and First avenue.....	206 16	"		Nineteenth street, from Fifth to Sixth avenue; Twenty-eighth street, from Fifth to Sixth avenue, and Thirtieth street, from Broadway to Sixth avenue.....	27,191 86
"		Northeast and southeast corners of Eighty-first street and Amsterdam avenue.....	500 00	"		Henry street, from Oliver to Rutgers street; Rutgers street, from Henry street to East Broadway; Forsyth street, from Grand to Houston street, and Mulberry street, from Broome to Bleeker street.....	77,325 52
"		Northeast corner of One Hundred and Fifty-eighth street and Boulevard.....	265 00	"		Twenty-seventh street, from Tenth to Eleventh avenue (land grant).....	7,204 20
"		Northeast corner of Fifty-seventh street and Avenue A.....	242 00	"		One Hundred and Second street, from Amsterdam avenue to Riverside Drive.....	9,476 00
"		Northwest and southwest corners of One Hundred and Forty-sixth street and northwest corner of One Hundred and Forty-seventh street and Convent avenue.....	750 00	"		Ninety-first street, from Amsterdam avenue to Riveride Drive.....	9,272 10
"		Southwest corner of One Hundred and Forty-ninth street and southwest corner of One Hundred and Fiftieth street and Convent avenue.....	500 00	"		Thirty-fourth street, from Eleventh avenue to Hudson river (not land grant).....	1,401 77
"		Northwest corner of Beekman and Nassau streets.....	230 00	"		Fifty-second street, from Broadway to Eighth avenue; Fifty-fifth street, from Third to Madison avenue; Fifty-sixth street, from Fifth to Sixth avenue, and Fifty-seventh street, from Madison to Lexington avenue.....	45,296 72
			\$192,900 60	"		Forty-third street, from First avenue to retaining-wall west of First avenue.....	639 10
		Regulating, Grading, Curbing and Flagging Contracts.		"		Cortlandt street, from Greenwich to West street (land grant)...	1,042 07
Regulating and grading		One Hundred and Thirty-sixth street, from Fifth avenue to Harlem river.....	\$1,819 25	"		Thirty-fourth street, from Eleventh avenue to Hudson river (land grant).....	12,529 91
"		One Hundred and Thirty-seventh street, from Convent avenue to Avenue St. Nicholas.....	4,341 06	"		Twenty-seventh street, from Eleventh to Twelfth avenue (land grant).....	9,698 32
"		One Hundred and Forty-fourth street, from Boulevard to Twelfth avenue.....	6,942 92	"		One Hundredth street, from Third to Lexington avenue.....	3,257 55
"		One Hundred and Forty-sixth street, from Convent avenue to 150 feet east.....	780 48	"		One Hundred and Twentieth street, from Eighth to Manhattan avenue.....	3,085 74
"		One Hundred and Forty-first street, from Amsterdam to Convent avenue.....	1,211 57	"		One Hundred and Forty-fourth street, from Seventh to Eighth avenue.....	6,993 54
Flagging, etc		In front of Nos. 108 to 140 East Forty-third street.....	195 92	"		Washington street, from Battery place to Murray street (not land grant).....	46,152 99
"		In front of Nos. 206 to 212 West Sixteenth street.....	160 99	"		Fifty-ninth street, from Madison to Eighth avenue.....	51,651 92
"		In front of Nos. 403 to 413 East One Hundred and Nineteenth street.....	294 15	"		Park avenue, from Sixty-eighth to Seventy-first street, and Madison avenue, from Seventy-first to Seventy-third street	47,935 55
"		In front of No. 23 Jones street.....	53 50	"		Sixty-second street, from Fifth to Madison avenue; Seventieth street, from Lexington to Madison avenue; Seventy-first street, from Third to Madison avenue, and Seventy-third street, from Boulevard to Eighth avenue.....	53,110 91
"		One Hundred and Forty-first, from Seventh to Eighth avenue	150 41	"		Ninety-second street, from Columbus to Amsterdam avenue; One Hundred and Twenty-first street, from Lenox to Seventh avenue; One Hundred and Twenty-sixth street, from Fifth to Seventh avenue, and One Hundred and Thirtieth street, from Lenox to Seventh avenue.....	53,038 83
"		Boulevard, east side, from Eighty-seventh to Eighty-eighth street.....	235 15	"		Thirtieth street, from Madison to Fourth avenue.....	5,307 48
"		One Hundred and Sixth street, from First to Third avenue...	1,239 57	"		Ninety-third street, from Amsterdam to West End avenue...	6,016 35
"		Columbus avenue, from Seventy-ninth to Eightieth street....	144 15	"		Barclay street, from College place to Greenwich street; Vestry street, from Varick to Greenwich street, and Howard street, from Broadway to Centre street.....	19,788 15
"		Ninety-ninth street, south side, from Amsterdam avenue to Boulevard.....	194 95	Taking up and relaying pavement		In Seventy-ninth street, from Second to Third avenue.....	1,122 27
"		Seventy-seventh street, north side, from Amsterdam avenue to Boulevard.....	378 30	"		In Seventeenth street, from First to Second avenue; Twentieth street, from Fourth avenue to Broadway; Twenty-second street, from Fourth to Lexington avenue; Twenty-second street, from Fifth avenue to Broadway, and Thirtieth street, from Lexington to Fifth avenue.....	3,615 75
"		Ninety-fourth street, south side, from Central Park, West, to Columbus avenue.....	87 07	"		In Pearl street, from Fulton street to south side of Hanover Square.....	2,993 76
"		Ninety-second street, south side, from Central Park, West, to Columbus avenue.....	594 80	"		In Spruce street, from Nassau to William street; Maiden lane, from Broadway to William street; Nassau street, from Beekman to Fulton street; Ann street, from Broadway to Nassau street, and Roosevelt street, from New Chambers to Cherry street.....	2,554 81
"		Sixty-first street, from Central Park, West, to Columbus avenue.....	1,580 60	"		In Rector street, from Broadway to Church street; Warren street, from Broadway to College place; Murray street, from Broadway to College place, and Dey street, from Broadway to Church street.....	3,443 69
"		First street, between Bowery and Second avenue.....	1,488 68	"		Sixth avenue, from One Hundred and Tenth to One Hundred and Forty-fifth street	33,736 57
"		Eighty-third street, between Columbus and Amsterdam avenues.....	255 69	"		Across Kingsbridge road, at north side of One Hundred and Eighty-seventh street.....	176 19
"		One Hundred and Forty-first street, between Amsterdam and St. Nicholas avenues.....	495 45	"		Across Hancock place, from south side of One Hundred and Twenty-fourth street to south side of One Hundred and Twenty-fourth street.....	216 50
"		In front of Nos. 229 to 247 East One Hundred and Seventeenth street.....	229 34	"		Across Western Boulevard, at north and south sides of Ninety-sixth street.....	367 65
"		Seventy-seventh street, from Madison to Fifth avenue.....	942 17	"		Across Western Boulevard, at north and south sides of One Hundred and Second street.....	367 65
"		Sixty-eighth street, from Columbus to Amsterdam avenue....	807 70	"		Across Greenwich avenue, at north and south sides of Bank street.....	144 37
"		Eighty-seventh street, north side, west of Park avenue.....	144 26				\$767,037 01
"		Sixty-second street, from Amsterdam to Eleventh avenue....	1,336 61	Resurfacing.....			
"		Amsterdam avenue, east side, between One Hundred and Forty-third and One Hundred and Forty-fourth streets...	329 84	Laying crosswalks			
"		Sixty-seventh street, from Central Park, West, to Columbus avenue.....	2,284 11	"			
"		Sixty-ninth street, south side, from Eighth to Columbus avenue	871 25	"			
"		Boulevard, west side, from Sixty-third to Sixty-seventh street, and east side, from Sixty-fifth to Sixty-seventh street.....	741 80	"			
"		Southeast corner of Forty-fourth street and Fifth avenue....	236 11	"			
"		Fifth avenue, between Fortieth and Forty-second streets, and Forty-second street, south side, west of Fifth avenue.....	3,611 52	"			
"		Central Park, West, from Eighty-sixth to Ninety-third street.	3,719 53	Fencing.....		One Hundred and Tenth street, south side, from Park to Madison avenue.....	\$34 27
"		Northeast corner of Bowery and Fifth street.....	418 40	"		One Hundred and Twenty-third street, north side, from Lenox to Seventh avenue.....	22 08
"		Seventy-eighth street, from Riverside Drive to West End avenue.....	522 60	"		Northwest corner of Eighty-ninth street and Avenue B.....	97 39
"		Twenty-fifth street, from Sixth to Seventh avenue.....	2,604 37	"		One Hundred and Nineteenth street, north side, from Nos. 107 to 145.....	172 50
"		Southeast corner of Sixth avenue and Fortieth street.....	385 41	"		In front of Nos. 237 and 239 West One Hundred and Thirty-third street.....	23 00
			\$41,829 68	"		Northeast corner of Seventy-second street and West End avenue.....	97 86
		Paving and Repaving Contracts.		"		One Hundred and Nineteenth and One Hundred and Twentieth streets, from Fifth to Lenox avenue.....	221 03
Paving		Thirteenth street, from Washington to West street (not land grant)	\$758 09	"		Eighty-fifth street, south side, 250 feet west of Second avenue.	22 79
"		Twenty-eighth street, from Tenth to Eleventh avenue (land grant)	6,411 67	"		Southeast corner of Seventy-third street and Riverside avenue	113 40
"		One Hundred and Seventeenth street, from Fifth to Lenox avenue.....	8,095 70	"		One Hundred and Fifteenth street, from Madison to Fifth avenue.....	62 10
"		Cedar street, from Greenwich to West street (not land grant).	4,676 33	"		One Hundred and Fourteenth street, from Madison to Park avenue.....	94 50
"		One Hundred and Nineteenth street, from Eighth to St. Nicholas avenue.....	2,977 90	"		West End avenue, west side, from Seventieth to Seventy-first street.....	168 35
"		Eighty-eighth street, from Avenue A to Avenue B.....	8,711 97	"		One Hundred and Fifth street, north side, between Park and Madison avenues.....	65 22
"		Carlisle street, from Greenwich to West street (land grant)...	1,383 30	"		Southeast corner of Eighty-ninth street and Madison avenue.	97 86
"		Bethune street, from Greenwich to West street (land grant)...	4,413 84	"		Northwest corner of Eighty-ninth street and Avenue B.....	94 39
"		One Hundred and First street, from Boulevard to Riverside Drive.....	7,238 10	"		Eighty-ninth street, south side, west of Second avenue.....	41 00
"				"		In front of Nos. 224 to 230 West Seventy-eighth street.....	23 85

NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
Fencing.....	One Hundred and Forty-first and One Hundred and Forty-second streets, from Seventh to Eighth avenue.....	\$237 79
".....	Southeast corner of Fifth avenue and One Hundred and Twelfth street.....	128 53
".....	Northeast corner of One Hundred and Tenth street and southeast corner of One Hundred and Eleventh street and Fifth avenue.....	201 45
".....	One Hundred and First street, north side, and One Hundred and Second street, south side, between Lexington and Park avenues.....	84 05
".....	Northwest corner of Fifth avenue and One Hundred and Thirty-second street.....	60 85
".....	Southwest corner of Fifth avenue and One Hundred and Thirty-third street.....	85 89
".....	One Hundred and Thirty-first street, north side, from Park to Madison avenue.....	20 70
".....	Northwest corner of One Hundred and Thirty-first street and Fifth avenue.....	70 21
		\$2,341 05
<i>Laying Water-mains Contracts.</i>		
Laying mains.....	In One Hundred and Third street, between Second and Fifth avenues.....	\$31,889 66
".....	Across East river, from Locust avenue to North Brother Island.....	3,097 00
".....	In West End, Edgecombe, Railroad avenues, etc.....	7,928 30
".....	In Sixth, Thirteenth, Walton, Manhattan, Amsterdam avenues, etc.....	12,104 19
Relaying mains.....	In Southern Boulevard, Hamilton place, etc.....	4,655 25
		\$59,676 40
<i>Miscellaneous Contracts.</i>		
Improvement of Old Reservoir in Central Park.....		\$57,266 00
Erecting disinfecting plant at Brewsters.....		5,000 00
Furnishing broken stone and screenings.....		3,183 63
Furnishing coping stone at south side of Old Reservoir.....		3,525 00
Furnishing 20,000 cubic yards of sand.....		15,334 10
Furnishing stop-cocks, hydrants, wooden hydrant-boxes, etc.....		13,040 50
Furnishing 1,200 lamp-posts.....		7,104 50
Furnishing gravel and screenings.....		10,106 19
		\$114,459 92
RECAPITULATION.		
31 Sewer and Receiving-basin Contracts.....		\$192,900 60
37 Regulating, Grading, Flagging and Curbing Contracts.....		65,865 80
57 Paving, Repaving and Laying Crosswalks Contracts.....		767,037 01
25 Fencing Vacant Lots Contracts.....		2,341 05
5 Laying Water-mains Contracts.....		59,676 40
8 Miscellaneous Contracts.....		114,459 92
163 Contracts.....		\$1,178,244 66

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 9, 1893.

MICHAEL T. DALY, Esq., *Commissioner of Public Works* :

DEAR SIR—In compliance with your instructions, I herewith submit report for the quarter ending September 30, 1893.

SUMMARY OF EXPENDITURES FOR THE QUARTER ENDING SEPTEMBER 30, 1893.

Additional Water Fund.....	\$40,919 05
Aqueduct—Repairs, Maintenance and Strengthening.....	65,865 80
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	7,056 86
Aqueduct—Repairs, Maintenance and Strengthening—Completing.....	7,506 80
Aqueduct—Repairs, Maintenance and Strengthening—Concreting.....	12,960 00
Bronx River Works—Maintenance and Repairs.....	5,128 30
Bronx River Works—Salaries.....	600 00
Bridge over Harlem River at Third Avenue.....	5,348 36
Bridge over Harlem Ship Canal.....	7,760 98
Croton Water Fund.....	67,199 45
Fund for Viaduct.....	36,309 07
For New Fire-hydrants.....	925 00
Laying Croton Pipe.....	70,951 68
Laying Croton Pipe—Salaries.....	5,009 23
Repairing and Renewal of Pipes, Stop-cocks, etc.....	20,353 39
Salaries—Engineer.....	4,081 98
Water-main Fund.....	12,396 52
Water Supply to Twenty-fourth Ward.....	2,020 65
Water Meter Fund No. 2.....	4,239 92
Total.....	\$376,633 04

STORAGE RESERVOIRS.

The Croton river furnished a full supply to the Aqueduct for seven days in August.

Storage Drawn during the Quarter.

	Gallons.
East Branch Reservoir.....	3,120,000,000
Bog Brook Reservoir.....	1,340,000,000
Boyd's Corner Reservoir.....	1,260,000,000
Middle Branch Reservoir.....	2,410,000,000
Kirk Lake.....	410,000,000
Barrett Pond.....	185,000,000
Total gallons.....	8,725,000,000

Rain-fall—Inches.

	JULY.	AUGUST.	SEPTEMBER.	TOTAL FOR QUARTER.
Boyd's Corner Reservoir.....	2.38	7.06	2.65	12.09
Middle Branch Reservoir.....	2.56	7.35	2.24	12.15
Kensico Reservoir.....	4.28	7.85	3.14	15.27
Central Park Reservoir.....	1.47	8.75	3.09	13.31
Croton Dam.....	3.97	7.36	1.93	13.26

Work on Reservoir "A" has been steadily prosecuted.

BRONX RIVER SUPPLY.

An average of 10,000,000 gallons per day has been steadily furnished through this conduit.

<i>Storage Drawn during the Quarter.</i>		Gallons.
Kensico Reservoir.....		480,000,000
Rye Pond Reservoir.....		280,000,000
Total gallons.....		760,000,000

Two gangs of men are employed to keep in order the reservoirs, conduit and roads. The work on the tunnel connecting the Byram and Bronx rivers has been steadily carried on, and a large force of men employed excavating and walling the channelway from the tunnel to the Kensico Reservoir.

NEW AQUEDUCT.

The use of the New Aqueduct has been continuous during the quarter, and from 175 to 190 millions of gallons of water passed through daily.

Sanitary protection of the water-shed.
Maps of lands required at Mt. Kisco, New Castle, Kirbyville and Carmel have been filed, and proceedings taken to appoint Commissioners of Appraisal; houses and lands taken have been sold at auction at Kensico and at Brewster. All of the nuisances abated have been kept in order, and as fast as the property is acquired and houses sold, the lands are cleaned up and put in order and all chances of further nuisances destroyed.

At Brewster a sewerage plant has been established to treat the sewerage by the Woolf Electric Process.

At Brewster a plant for treating the water of the rivers by the Woolf Electric Process has been erected, and is now being tried by the officers of the City Board of Health.

The whole of the water-sheds are patrolled by Deputy Sheriffs so as to keep same in order and protect same from further nuisances.

AQUEDUCT REPAIRS, MAINTENANCE AND STRENGTHENING.

DIVISIONS.	Earth Excavated, Cubic Yards.	Stone Quarried, Cubic Yards.	Dry Masonry, Cubic Yards.	Brick Masonry, Cubic Yards.	Concrete Masonry, Cubic Yards.	Pointing, Square Feet.	Filling and Grading, Cubic Yards.	Stone Masonry, Cubic Yards.	Fence Built, Linear Feet.	Fence Repaired, Linear Feet.	Fence Painted, Linear Feet.	Fence Posts Set.
First.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Second.....	300	.....	126	12	18	.....	10	.....	75	.....	75	.....
Third.....	177	.....	114	26	.....	.....	30	.....	450	.....	1,502	.....
Fourth.....	3	.....	85	3	.....	.....	.....	.....	225	.....	1,150	.....
Fifth.....	188	.....	66	41	.....	350	.....	.....	600	300	450	.....
Sixth.....	296	.....	.....	39	.....	.....	.....	.....	.....	478	.....	93
Seventh.....	88	.....	.....	.....	.....	.....	10	.....	910	.....	700	42
Eighth.....	.....	720	.....	.....	2,700	.....	.....	720	.....	.....	.....	.....
Totals.....	1,052	720	391	121	2,718	350	50	720	2,260	1,928	2,727	135

The regular work of the several divisions has been continued as usual, such as the care of surface of Aqueduct, gate-houses, machinery, etc., cleaning up line of rubbish, leaves, etc., keeping drains and culverts in repair, patrolling reservoirs.

The water in Old Aqueduct was shut off from May 19 until July 11. All the weak places along the sides and invert of tunnel were cut out and thoroughly repaired, and there has been no trouble from the recurrence of leaks since the water was turned on; during the time the water was turned off, the Sing Sing Prison was supplied with water from the Village of Sing Sing. On the 5th of September the water in the High Bridge Reservoir was drawn off for the purpose of making necessary repairs. The work of flagging and reflagging the sidewalk in front of Reservoir, Forty second street and Fifth avenue, was completed during the quarter; the contract for the improvement of the Old Central Park Reservoir is still in progress; an extension to Keeper's house on the third and sixth division has been begun during the quarter; two rings of brick-work seventy-five feet long has been placed on arch of Aqueduct located at One Hundred and Eighty-fourth street (sixth division), where a new street has been opened across the Aqueduct. The more particular work on the several divisions has been as follows:

First Division—The work on this division has been cutting grass, cleaning up line of Aqueduct, patrolling and cleaning up shores of lake, placing stone at toe of apron and painting buildings.

Second Division—The work on this division has been the rebuilding of invert in tunnel at the "File Works Arch," which completes the work on this portion of Aqueduct; cut out portion of invert and rebuilt same near Quaker Bridge road; rebuilt portion of retaining-wall on Bailey's Bank at upper end of line; excavated earth from top of Aqueduct at File Works Arch, and refilled the same with concrete; building, repairing and painting fences, filling and grading.

Third Division—The work on this division has been cutting out and filling up with brick work all the weak places in Aqueduct tunnel; all old brick, cement and concrete hauled to manhole and hoisted out; excavating for and building a manhole on Church's Bank; building a brick shaft on Church's Bank; rebuilt retaining-wall on Arch Bank, with all the tearing down of old wall, excavation and filling-in necessary for same; filling and grading; an addition to Keeper's house was begun during the quarter and a cesspool dug in yard; painting in the house has also been done; building and painting fences; cleaning and repairs to drains and culverts; cutting grass along line, and cutting grass and cleaning up around New Aqueduct at Shafts 8, 9, 10, 11A and 11B.

Fourth Division—The work on this division has been cutting out and filling with brick work in tunnel on Strong's Bank, Minturn's Bank, Gen'l Thomas' Bank both invert and side walls; built retaining-wall near Keeper's house; building and repairing fences; repairs on banks and cross-walks and cleaning up line of Aqueduct.

Fifth Division—The work on this division has been cutting out and filling up with brick-work in tunnel of Aqueduct; excavating for and building wall in Shonard Bank and in the glen; hauling stone for walls; excavating in Garden street for brick basin to regulate the drain-pipe from Aqueduct and new sewer through the street; cleaning and repairs to culverts and drains; building, repairing and painting fences.

Sixth Division—The work on this division has been cutting out and filling up with brick-work the invert and sides of Aqueduct tunnel at different places from Ogden's Bank to Fordham landing road; building two new rings of brick-work over arch of Aqueduct at One Hundred and Eighty-fourth street, where a new street has been opened across Aqueduct with all the necessary excavation, and reflagging and curbing for same; cutting grass, building and repairing fences, cleaning culverts, drains, etc.; an additional story over kitchen in keeper's house was begun during the quarter.

Seventh Division—The work on this division has been as follows: all the walks, drains, culverts and gutters have been repaired and kept in good condition; the line of fencing along the Aqueduct has been replaced by new wire and ribbon wherever broken down; 700 feet of new iron fencing has been put up on east side of Aqueduct walk, from One Hundred and Sixtieth street, north, to One Hundred and Sixty-third street, and the same has been painted; also new posts and barbed wire fence built across Aqueduct; both sides of One Hundred and Sixty-fifth street, and the walk from that point much improved with earth and ashes; the grass and weeds were cut down along the entire line; a new hand-rail fence has been built along the entire front of the park under High Bridge, on Sedgwick avenue, together with a new double wagon-gate on west side, requiring 22 pieces of 18 foot spruce boards and 3 by 8 by 42 new locust posts; the entire fence around High Bridge Park has been painted with two coats, and a new ribbon wire fence built on dividing line on southside of park; painting in keeper's house; gate-houses, the tower, and engine-house doors have been well scraped and cleaned and had two coats of varnish; the middle floor of engine-house is now being painted; all the grass around the works has been cut and hauled away; the grounds, roadways and walks received daily attention; the steps leading to High Bridge on both sides the bridge and gate-houses are cleaned as often as needed, and the screws in same well oiled and always ready for use; the carpenter has been employed in a great many small jobs for the engine-house, engines building and on the work; masons are working on lower floor of engine-house, removing large stone door sill, cutting away foundation from door and removing concrete floor from near the door; getting ready for the introduction of the large water-pipe from new pumping-station shaft, 26; an excavation has been made in front of middle door lower floor of engine-house to hold drainage pipe from same to Harlem river; water was turned off from the Reservoir September 5 and 6 into the Aqueduct, until nearly empty, when it was turned into the waste way into the Harlem river; the mud and sediment has all been cleaned out from the bottom of Reservoir; the masons are now working on the walls; the contract for putting new roof on tower and repairs to lookout is in progress.

Eighth Division—The work on this division has been cleaning and repairs of Central Park and Forty-second Street Reservoirs, gate-houses and outside mains, cleaning repairs and maintenance of high service works, Ninth and Tenth avenues gate-houses and grounds, repairing doors, windows and fences, making new frames for screens, doing odd jobs of carpenter work at high service works, painting roofs of gate-houses on old reservoir, painting and graining in north and south gate-houses,

painting iron-work in gate-houses, pointing slopes on old reservoir, patrolling Central Park Reservoirs and pipe-lines.

Contracts for excavating old reservoir in Central Park, for furnishing coping for same and for flagging around Forty-second Street Reservoir has been completed. Contract for repairs to roof of tower at High Bridge has been entered into.

LAYING CROTON PIPES.

Contracts for laying water-mains in the following streets and avenues have been completed :
 Alexander avenue, from One Hundred and Thirty-second street to Southern Boulevard.
 One Hundred and Fiftieth street, from Walton to River avenue.
 Park avenue (west side), from Ninety-fourth to One Hundredth street.
 Twelfth avenue (west side), from Fifty-fifth to Fifty-eighth street.
 West End avenue (west side), from One Hundred and Fifth to One Hundred and Seventh street.
 Edgecombe avenue (west side), from One Hundred and Forty-fifth to One Hundred Forty-sixth street.
 Railroad avenue (west), from One Hundred and Sixtieth to One Hundred and Sixty-first street.
 Union avenue (west), from Westchester avenue to One Hundred and Sixty-first street.
 Verio avenue (Woodlawn), from Grand avenue to City line.
 Madison avenue (Woodlawn), from One Hundred and Thirty-seventh to One Hundred and Thirty-eighth street.
 Clinton avenue, from Tremont avenue to Samuel street.
 Beach avenue, from Kelly street to Westchester avenue.
 Eagle avenue, from Westchester avenue to Cedar place.
 Ninety-first street, from Tenth avenue to Boulevard.
 Ninety-third street, from First avenue to Avenue A.
 Ninety-third street, from Boulevard to West End avenue.
 One Hundred and Fifteenth street, from Riverside avenue to Boulevard.
 One Hundred and Thirty-eighth street, from Madison avenue to Harlem river.
 One Hundred and Forty-eighth street, from St. Nicholas to Amsterdam avenue.
 One Hundred and Fiftieth street, from Morris to Railroad avenue.
 One Hundred and Seventieth street, from Webster avenue to Harlem River Railroad.
 Travers street, from Jerome to Creston avenue.
 Also the following contracts for relaying water-mains have been completed :
 Southern Boulevard, from Home street to Westchester avenue.
 Hamilton place, from One Hundred and Forty-first to One Hundred and Forty-fourth street.
 One Hundredth street, from Third to Lexington avenue.
 One Hundred and Forty-eighth street, from Morris to Railroad avenue.
 One Hundred and Fiftieth street, from Morris to Railroad avenue.
 Kelly street, from Robbins to Wales avenue.
 Topping street, from One Hundred and Seventy-third to One Hundred and Seventy-fourth street.
 Christolm street, from Jennings street to Stebbins avenue.
 Across East river, from Locust avenue to North Brother Island.
 Two contracts for laying water-mains have been entered into.

Pipe Laid During the Quarter.

	Lineal Feet.
48-inch	5,690
36-inch	130
12-inch	3,331
6-inch	17,733
Total	26,884

STOP-COCKS SET.

12-inch	4
6-inch	23
Total	27

HYDRANTS PLACED.

"A"	53
No. 1	3
Total	56
Double nozzle "A" hydrants.....	13

ONE HUNDRED AND FIFTY-FIFTH STREET VIADUCT.

This work is completed and will be opened to the public for travel in a few days.

BRIDGE OVER SHIP CANAL AT KINGSBRIDGE ROAD.

Contract for a temporary bridge over the canal at this point has been let, and it was thrown open for travel on September 21, 1893. The whole of this contract has been completed and the work on the permanent bridge is now being prosecuted and the contractor has a large amount of material on hand for same.

HIGH SERVICE WORKS AT NEW AQUEDUCT.

Work has been steadily carried on during the quarter.

GATE-HOUSE AT TENTH AVENUE AND ONE HUNDRED AND NINETEENTH STREET.

Plans, etc., have been prepared and the work advertised for bids to be opened on October 2, 1893.

BRIDGE OVER HARLEM RIVER AT THIRD AVENUE.

Bids have been opened for this work and the same awarded to the lowest bidder and the sureties sent to the Comptroller for approval. Leases have been made of the property necessary to build and operate the temporary bridge.

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

A gang of men have been employed relaying mains :
 Thirteenth avenue, between Horatio and West Fourteenth streets.
 West street, between West Eleventh and West Fourteenth streets.
 West Twelfth street, between West and Washington streets.
 Horatio street, between West and Washington streets.
 Gansevoort street, between Lawton avenue and Washington street.
 Little West Twelfth street, between Tenth and Thirteenth avenues.
 West Thirteenth street, from intersection of Thirteenth avenue.
 Bank street, from intersection of Thirteenth avenue.
 West street, between Dey and Vesey streets.
 Twenty-first street, from First avenue to Avenue A.
 Eighth avenue, from intersection of Eighty-sixth street.
 A contract for stop-cocks, hydrants, etc., has been completed.

TAPS.

Number of taps put in during the quarter..... 622

METERS.

Number of meters placed during the quarter..... 780
 Number of meters in use June 30, 1893..... 28,906
 Total number in use September 30, 1893..... 29,686

WASTE AND USE OF WATER.

The supply to the city at present, is as follows :
 Through Old Aqueduct..... Gallons per day. 62,000,000
 Through New Aqueduct..... 108,000,000
 Through Bronx river conduit..... 10,000,000
 Total daily supply..... 180,000,000

The natural purification of the waters in the rivers and reservoirs relieved the bad taste and smell early in August, and the heavy rains in the latter part of the same month continued the change, so that, at present, although a large amount of storage is being drawn, the quality of the water is good, and as the temperature of water decreases the condition of the water will return to its normal state and no more trouble as to quality be experienced during the year.

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 2, 1893.

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

SIR—I have the honor to respectfully submit the following report of the principal transactions of the Bureau of Water Purveyor for the quarter ending September 30, 1893:

RECEIPTS.

The following amounts have been received and deposited with the City Chamberlain to the credit of the Sinking Fund, viz.:

For the construction of vaults.....	\$26,368 54
For labor and materials furnished.....	6,476 47
Total.....	\$32,845 01

EXPENDITURES.

Vouchers amounting in the aggregate to nine hundred and eighty-eight thousand five hundred and forty-eight dollars and twenty-seven cents were drawn and charged to the following accounts:

Repairs and Renewal of Pavements and Regrading, 1892.....	\$18,312 47
Repairs and Renewal of Pavements and Regrading, 1893.....	81,103 79
Repairs and Renewal of Pavements and Regrading—Salaries, 1893.....	3,977 73
Repaving Streets and Avenues, 1890.....	16,711 80
Repaving Streets and Avenues, 1891.....	6,111 00
Repaving Streets and Avenues, 1892.....	4,428 92
Repaving Streets and Avenues, 1893.....	39,350 85
Repaving Streets and Avenues—Salaries, 1893.....	3,349 74
Repaving—Chapter 346, Laws of 1889, 1889.....	5,503 01
Repaving—Chapter 346, Laws of 1889, 1890.....	9,026 46
Repaving—Chapter 346, Laws of 1889, 1891.....	17,204 60
Repaving—Chapter 35, Laws of 1892, 1892.....	83,818 71
Repaving—Chapter 35, Laws of 1892, 1893.....	465,184 81
Repairing and Renewal of Pipes, Stop-cocks, etc., 1893.....	28,850 40
Public Drinking-hydrants.....	834 59
Public Drinking-hydrants—Salaries.....	300 00
Boulevards, Roads and Avenues, Maintenance of—For Resurfacing Sixth avenue.....	14,882 07
Street Improvement Fund.....	168,108 94
Restoring and Repaving—Special Fund—Department of Public Works.....	21,476 38
Contingencies—Department of Public Works.....	12 00
Total.....	\$988,548 27

PERMITS ISSUED.

71 for the construction of vaults.
 47 for repairs to vaults.
 83 for setting guy posts.
 109 for building fires on the streets.
 18 for repairs to pavements at property-owners expense.
 58 for placing engines for building purposes.
 1 to C. V. Halley to lay a crosswalk across Twenty-third street, between Fifth and Sixth avenues, at property-owners expense, under resolution of Board of Aldermen, June 29, 1893.
 1 to Brokaw Bros. to lay a crosswalk, at their own expense, across Fourth avenue to Cooper Institute and across Livingston place, south of Astor place, under resolution of the Board of Aldermen, June 15, 1893.
 1 to Sicilian Asphalt Paving Co. to lay an asphalt pavement in Cedar street, from William street to 150 feet east, at property-owners expense, under resolution of the Board of Aldermen, August 23, 1893.

REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The force employed during the quarter in making repairs to street pavements, averaged as follows:

In July.....	179	mechanics,	195	laborers,	60	horses and carts,	4	teams.
In August.....	176	"	191	"	58	"	4	"
In September.....	216	"	241	"	71	"	4	"

The work done by this force consisted in taking up and relaying 99,794 square yards of pavement.

Under orders given to asphalt paving companies, 36.7 square yards of asphalt pavement were repaired, and under contracts let in 1892, stone-block pavements in the following named streets were taken up and relaid:

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Pearl street.....	Fulton street to Hanover Square.....	6,790.8	1,896.0
Rector street.....	Broadway to Church street.....	513.0	240.2
Warren street.....	Broadway to College place.....	3,326.6	870.4
Murray street.....	"	3,234.9	867.7
Dey street.....	Broadway to Church street.....	995.7	363.4
Spruce street.....	Nassau to William street.....	821.9	316.0
Maiden Lane.....	Broadway to William street.....	2,237.2	827.2
Nassau street.....	Beekman to Fulton street.....	960.6	466.2
Ann street.....	Park Row to Nassau street.....	798.9	376.1
Roosevelt street.....	New Chambers to Cherry street.....	949.0	399.2
Seventeenth street.....	First to Second street.....	1,854.7	683.0
Twentieth street.....	Fourth avenue to Broadway.....	1,891.6	564.4
Twenty-second street.....	Fourth to Lexington avenue.....	1,455.9	438.1
"	Fifth avenue to Broadway.....	408.3	122.2
Thirty-first street.....	Lexington to Fifth avenue.....	4,377.6	1,326.9
Total (crosswalks included).....		30,616.7	9,757.0

Length in miles, 1.84.

The total number of square yards of pavement taken up and relaid by contract and otherwise amounted to 130,447.4.

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

The force employed under this appropriation averaged as follows:

In July.....	37	mechanics,	96	laborers,	17	horses and carts.
In August.....	37	"	96	"	17	"
In September.....	37	"	96	"	17	"

The following is a summary of the work done by this force:

390 old fire-hydrants were taken out and new ones put in place.
 1,800 fire-hydrants were repaired.
 455 Croton water stop-cocks were repaired.
 225 Croton water taps were shut off.
 215 defects in Croton water-mains were repaired.
 960 square yards of pavement were repaired.

PUBLIC DRINKING-HYDRANTS.

42 public drinking-hydrants were repaired.
 1 public drinking-hydrant was moved from the northeast corner of Eighty-fifth street and Madison avenue and placed in front of No. 44 East Eighty-fifth street.

STREET OPENINGS.

4,674 openings were made in the streets to repair mains other than Croton water-mains, and to make repairs to connections for gas, steam, sewer, electric-lights and subways and to put in new connections therefor.

2,431 notices were sent to corporations and others to repair bad places in the pavements where such openings had been made.

In compliance with these notices 1,994 bad places in the pavements were repaired.

5½ miles of gas-mains were laid.

12½ miles of subways were laid.

1,880 feet of fire subsidiary duct were laid.

198 feet of police subsidiary duct were laid.

CONSTRUCTION OF NEW PAVEMENTS.

REPAVING STREETS AND AVENUES.

The following contracts were completed, viz.:

With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Thirty-fourth street.....	Eleventh avenue to Hudson river (where under land grants).....	400.7	75.0
Twenty-seventh street.....	Tenth to Eleventh avenue (where under land grants).....	663.3	200.0
Bowery.....	Chatham Square to Sixth street.....	24,963.5	5,600.0
Total (crosswalks included).....		26,027.5	5,875.0

Length in miles, 1.11.

REPAVING (CHAPTER 449, LAWS 1889)—STREETS LYING WITHIN LIMITS OF GRANTS OF LAND UNDER WATER.

With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Thirty-fourth street.....	Eleventh avenue to Hudson river.....	3,637.2	823.0
Courtlandt street.....	Greenwich to West street.....	245.0	167.0
Washington street.....	Battery place to Chambers street.....	2,446.5	712.0
Thirteenth street.....	Washington street to Thirteenth avenue.....	3,181.4	1,005.0
Total (crosswalks included).....		9,510.1	2,707.0

Length in miles, 0.51.

REPAVING—CHAPTER 35, LAWS OF 1892.

With Granite Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Barclay street.....	College place to Greenwich street.....	626.9	180.8
Vestry street.....	Varick to Greenwich street.....	3,106.5	799.1
Howard street.....	Broadway to Centre street.....	1,678.6	459.0
Park place.....	Greenwich to West street.....	1,684.4	459.2
Courtlandt street.....	" ".....	1,899.5	451.5
Worth street.....	Broadway to Park row.....	5,556.9	1,700.7
University place.....	Waverly place to Fourteenth street.....	8,062.0	1,900.5
Washington street.....	Battery place to Murray street.....	10,629.3	3,518.9
Forty-second street.....	Eighth to Twelfth avenue.....	19,034.3	3,288.6
Fourth avenue.....	Bowery to Thirty-second street.....	52,791.7	7,202.1
Total (crosswalks included).....		105,070.1	19,960.4

Length in miles 3.78.

With Asphalt.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Sixteenth street.....	Livingston place to 150 feet east of Avenue A..	3,827.7	1,154.6
Thirtieth street.....	Madison to Fourth avenue.....	1,483.5	450.0
Ninety-second street.....	Columbus to Amsterdam avenue.....	2,762.3	829.8
One Hundred and Twenty-first street.....	Lenox to Seventh avenue.....	2,725.5	819.4
One Hundred and Twenty-sixth street.....	Fifth to Seventh avenue.....	5,896.7	1,777.3
One Hundred and Thirtieth street.....	Lenox to Seventh avenue.....	2,700.4	820.0
Fifty-second street.....	Broadway to Eighth street.....	1,849.1	557.7
Fifty-fifth street.....	Third to Madison avenue.....	4,293.7	1,726.4
Fifty-sixth street.....	Fifth to Sixth avenue.....	3,150.5	953.1
Fifty-eighth street.....	Madison to Lexington avenue.....	2,817.9	852.4
Nineteenth street.....	Fifth to Sixth avenue.....	3,133.1	945.6
Twenty-eighth street.....	" ".....	2,827.1	881.9
Thirtieth street.....	Broadway to Sixth avenue.....	982.7	298.0
Park avenue.....	Sixty-eighth to Seventy-first street.....	5,091.0	772.7
Madison avenue.....	Seventy-second to Seventy-ninth street.....	7,144.2	1,895.0

STREET.

FROM

SQUARE YARDS.

LINEAL FEET.

Stanton street.....	Clinton to Cannon street.....	4,602.7	1,717.6
Columbia street.....	Broome to Houston street.....	4,570.8	1,758.1
Second street.....	Avenue A to Avenue D.....	6,740.3	2,097.3
Fifty-ninth street.....	Madison to Eighth avenue.....	13,060.7	2,875.3
Seventy-fourth street.....	Madison to Fourth avenue.....	1,246.5	382.1
Seventy-seventh street.....	Fourth to Lexington avenue.....	1,160.9	349.2
Seventy-eighth street.....	Madison to Fifth avenue.....	1,500.5	452.1
Seventy-ninth street.....	Madison to Fifth avenue.....	1,998.0	452.5
Seventy-ninth street.....	Second avenue to Avenue A.....	5,900.9	1,323.0
Henry street.....	Oliver to Rutgers street.....	7,362.4	2,113.4
Rutgers street.....	Henry street to East Broadway.....	834.3	238.0
Forsyth street.....	Grand to Houston street.....	5,270.0	1,975.7
Mulberry street.....	Broome to Bleecker street.....	5,321.1	1,966.7
Sixty-second street.....	Fifth to Madison avenue.....	1,499.4	452.7
Seventieth street.....	Lexington to Madison avenue.....	2,807.6	850.2
Seventy-first street.....	Third to Madison avenue.....	4,319.5	1,296.8
Seventy-third street.....	Eighth avenue to Boulevard.....	5,551.7	1,759.3
Total.....		124,732.7	36,793.9

Length in miles 6.96.

BOULEVARDS, ROADS AND AVENUES, MAINTENANCE OF—FOR RESURFACING SIXTH AVENUE.

Macadam Pavement.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Sixth (or Lenox) avenue.....	One Hundred and Tenth to One Hundred and Forty-fifth street.....	70,342.3	8,800.0

Length in miles 1.51.

STREET IMPROVEMENT FUND—STREETS PAVED FOR THE FIRST TIME.

With Specification Trap Blocks.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Avenue B.....	Eighty-sixth to Eighty-ninth street.....	5,363.2	785.9

Length in miles 0.14.

With Granite Blocks.

Charles lane.....	Washington to West street.....	689.5	411.8
Manhattan street.....	Twelfth avenue to Hudson river.....	893.0	275.0
One Hundred and Seventeenth street.....	Park to Madison avenue.....	1,366.6	410.0
One Hundred and Thirty-seventh street.....	Lenox to Seventh avenue.....	2,168.6	812.0
One Hundred and Twelfth street.....	Madison to Fifth avenue.....	1,483.0	445.8
One Hundred and Twentieth street.....	Eighth to Manhattan avenue.....	1,302.0	391.2
Sixty-eighth street.....	Eastern Boulevard to East river.....	1,844.3	559.1
Forty-third street.....	{ First avenue to retaining-wall west of First } avenue.....	182.6	55.7
One Hundredth street.....	Third to Lexington avenue.....	1,474.3	443.0
Ninety-third street.....	Amsterdam to West End avenue.....	2,372.4	711.5
Ninety-first street.....	Amsterdam avenue to Riverside Drive.....	3,694.7	1,109.0
One Hundred and Second street.....	" ".....	3,747.8	1,124.0
One Hundred and Sixty-first street.....	Amsterdam avenue to Boulevard.....	2,739.0	830.0
One Hundred and Forty-fourth street.....	Seventh to Eighth avenue.....	2,700.6	817.0
Twenty-seventh street.....	Eleventh to Twelfth avenue.....	2,072.4	694.0
Total (crosswalks included).....		28,730.2	9,089.3

Length in miles, 1.72.

With Asphalt.

Sixteenth street.....	Avenue A to Avenue C.....	4,417.0	1,325.0
One Hundred and Thirty-ninth street.....	Eighth to Edgecombe avenue.....	1,213.0	365.0
Eightieth street.....	West End avenue to Riverside Drive.....	1,164.0	349.8
One Hundred and Thirtieth street.....	Eighth to Manhattan avenue.....	1,296.0	389.0
West End avenue.....	{ One Hundred and Fifth to One Hundred } { and Seventh street.....	1,302.0	564.8
One Hundred and Twelfth street.....	Amsterdam avenue to Boulevard.....	2,678.0	803.5
One Hundred and Twenty-sixth street.....	" ".....	2,677.0	803.5
Total.....		14,747.0	4,605.6

Length in miles, 0.87.

Summary of Paving Work Completed During the Quarter.

	GRANITE.		ASPHALT.		MACADAM.		TRAPS.		TOTAL.	
	Square Yards.	Miles.	Square Yards.	Miles.	Square Yards.	Miles.	Square Yards.	Miles.	Square Yards.	Miles.
Repaving streets and avenues.....	26,027.5	1.11	.....	.....	.....	.....	.....	.....	40,475.6	1.11
Repaving (chapter 449 Laws 1889).....	9,510.1	.51	.....	.....	.....	.....	.....	.....	9,510.1	.51
Repaving (chapter 35 Laws 1892).....	105,070.1	3.78	124,732.7	6.96	.....	.....	.....	.....	229,802.8	10.74
Boulevards, roads and avenues, maintenance of.....	.....	.....	.....	.....	70,342.3	1.51	.....	.....	70,342.3	1.51
Street Improvement Fund.....	28,730.2	1.72	14,747.0	.87	.....	.....	5,363.2	.14	48,840.4	2.73
Total.....	169,337.9	7.12	139,479.7	7.83	70,342.3	1.51	5,363.2	.14	398,971.2	16.60

Table of Areas and Lengths of the Different Kinds of Pavement in New York City below the Harlem River, September 30, 1893.

KIND OF PAVEMENT.	SQUARE YARDS.	MILES.
Specification granite.....	3,189,607.47	146.24
Square granite.....	641,955.50	24.26
Specification trap.....	1,183,154.93	63.79
Belgian trap.....	1,869,507.67	73.43
Cobble.....	15,080.64	.27
Asphalt.....	934,960.66	47.49
Macadam.....	992,529.30	21.44
Total.....	8,626,796.17	376.92

Yours truly,

MAURICE FEATHERSON, Water Purveyor.

Document "F."

REPORT OF ENGINEER IN CHARGE OF SEWERS.

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF ENGINEER IN CHARGE OF SEWERS,
No. 31 CHAMBERS STREET, ROOM 9,
NEW YORK, October 4, 1893.

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

DEAR SIR—In compliance with your instructions I hand you herewith my report of the transactions of the Office of the Engineer in Charge of Sewers for the quarter ending September 30, 1893. 18,862 linear feet of new sewers and 22 receiving-basins connected therewith have been built, making the present total length of the sewerage of the City 2,397,563 linear feet (454 $\frac{8}{10}$ miles), with 5,435 receiving-basins, which number includes 8 built under special contract as hereafter stated. In the schedule accompanying this report you will find a detailed statement showing the status of the several contracts under charge of this office.

22 sewer and 11 basin contracts have been completed, viz.:

Sewer in Thirty-seventh street, between East river and Avenue A.
Sewer in Ninety-eighth street, between Third and Park avenues.
Sewer in One Hundred and Seventh street, between Manhattan and Amsterdam avenues.
Sewer in One Hundred and Seventh street, between Boulevard and Amsterdam avenues.
Sewer in One Hundred and Thirty-sixth street, between Fifth and Lenox avenues.
Sewer in One Hundred and Forty-first street, between Lenox and Seventh avenues.
Sewer in One Hundred and Forty-second street, between Lenox and Seventh avenues.
Sewer in One Hundred and Forty-third street, between Lenox and Seventh avenues.
Sewer in One Hundred and Forty-seventh street, between Boulevard and Amsterdam avenues.
Sewer in One Hundred and Forty-eighth street, between Avenue St. Nicholas and Amsterdam avenue.
Sewer in Twelfth avenue, between Fiftieth and Fifty-second streets, etc.
Sewer in Edgecombe avenue, between One Hundred and Forty-fifth and One Hundred and Fifty-fifth streets.
Sewer in Columbus avenue, west side, between One Hundred and Eighth and One Hundred and Tenth streets, etc.
Sewer in University place, between Clinton place and Ninth street.
Sewer in William street, between Cedar and Pine streets.
Sewer in Wooster street, between West Fourth street and Washington place, etc.
Alteration and improvement to sewer in Thirteenth avenue, between Twentieth and Twenty-third streets, etc.
Alteration and improvement to sewer in Jane and West Twelfth streets, between Thirteenth avenue and Washington street, etc.
Alteration and improvement to sewer in Willett street, between Rivington and Stanton streets.
Alterations and improvements to sewer in Lewis street, between Rivington and Stanton streets.
Alterations and improvements to sewer in Columbia street, between Houston and Stanton streets.
Alterations and improvements to sewer in One Hundred and Eleventh street, between Harlem river and First avenue.
Receiving basin on the south side of One Hundred and Fifth street, between Harlem river and First avenue.
Receiving basin on the northeast corner of One Hundred and Fifty-eighth street and Boulevard.
Receiving basin on the northeast corner of Fifty-seventh street and Avenue A.
Receiving basin on the southwest corner of One Hundred and Forty-ninth street, and on the southwest corner of One Hundred and Fiftieth street and Convent avenue.
Receiving basin on the northwest and southwest corners of One Hundred and Forty-sixth street, and northwest corner of One Hundred and Forty-seventh street and Convent avenue.
Alterations and improvements to receiving basins on the northeast and southeast corners of Eighty-first street and Amsterdam avenue.
Alterations and improvements to receiving basins on the northwest corner of Beekman and Nassau streets.

There are now in progress 38 contracts for new sewers.
1,379 receiving basins and 43,441 linear feet of sewer have been cleaned.

Yours, respectfully,

HORACE LOOMIS, Engineer in Charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE OFFICE OF THE ENGINEER IN CHARGE OF SEWERS FOR THE QUARTER ENDING SEPTEMBER 30, 1893.

Credit to General Fund—

Amount received for 217 permits for sewer connections \$4,883 59

Engineers' Fees—

Amount of Engineers' fees assessed on property benefited and charged to Street Improvement Fund..... \$12,419 76

Sewers—Repairing and Cleaning—

Balance on hand, June 30, 1893..... \$54,067 66
Vouchers transmitted to the Commissioner of Public Works—
Pay-roll of Laborers, etc..... \$21,357 25
Cleaning..... 4,101 05
Material and sundries..... 2,390 07
Balance, September 30, 1893..... 26,219 29
54,067 66

Sewers—Repairing and Cleaning—Salaries—

Balance on hand, June 30, 1893..... \$5,256 04
Vouchers transmitted to the Commissioner of Public Works—
Pay-roll of Inspectors, etc..... \$2,561 98
Balance, September 30, 1893..... 2,694 06
5,256 04

Sewerage System—Salaries—

Balance on hand, June 30, 1893..... \$4,200 00
Vouchers transmitted to the Commissioner of Public Works—
Pay-roll of Engineer, etc..... \$2,080 00
Balance, September 30, 1893..... 2,120 00
4,200 00

Boring Examinations for Grading, etc.—

Balance on hand, June 30, 1893..... \$3,367 50
Vouchers transmitted to the Commissioner of Public Works—
Pay-roll of Assistant Foreman, etc..... \$948 00
Balance, September 30, 1893..... 2,419 50
3,367 50

Restoring and Repaving—Special Fund—

Amount received for permits for street openings..... \$16,415 30

Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works—
Pay-roll of Engineers, etc..... \$5,674 98
Pay-roll of Inspectors, etc..... 13,011 00
Contracts, etc..... 154,662 84
\$173,348 82

Work done by Mechanics and Laborers—

422 receiving-basins relieved.
1,379 receiving-basins and culverts cleaned.
17,129 linear feet of sewer cleaned.
5,990 linear feet of sewer relieved.
188,917 linear feet of sewer examined.
43 linear feet of brick sewer rebuilt.
4 linear feet of brick culvert rebuilt.
81 linear feet of pipe culvert laid.
9 linear feet of spur pipe laid.
29 linear feet of new curb set.
15 linear feet of curb reset.
1 new manhole built.
1 new basin built.
37 basins repaired.
9 manholes repaired.
133 manhole heads reset.
9 basin heads reset.
43 new manhole heads and covers put on.
8 new basin heads and covers put on.
17 new basin covers put on.
68 new manhole covers put on.
47 new basin grates put in.
14 new basin hoods put in.
1,416 cubic feet of brickwork built.
359 square feet of flagging relaid.
299 square yards of pavement relaid.
4,113 cubic feet of earth excavated and refilled.
70 cart-loads of earth filling.
4,299 cart-loads of dirt removed.

Statement Showing the Amount of Work Done on Uncompleted Contracts for the Quarter ending September 30, 1893.

DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1893.							
Jan. 18	Alteration and improvement to sewer in Burling Slip, between South and Water streets, in Wall street, between South and Pearl streets, and in Front street at Burling Slip and Wall street, etc.....	\$18,398 00	\$12,953 50	150	140	10	
" 18	Sewer in South street, between Fulton and Wall streets, with curves in Wall street, Malden lane and Burling Slip, etc.....	18,447 50	18,262 50	150	149	1	Completed.
Mar. 25	Alteration and improvement to sewer in Thirty-third street, between East river and First avenue, connecting with sewer built by the Department of Docks, and in First avenue, between Thirty-third and Thirty-fifth streets, with connections.....	18,369 00	2,723 00	150	75	75	
May 18	Alteration and improvement to sewer in Goerck street, between Rivington and Stanton streets.....	3,790 00	3,760 00	70	66	....	Completed.
Aug. 3	Alteration and improvement to sewer in North William street, between Frankfort street and Park Row....	3,230 00	2,320 00	50	44	6	
" 3	Alteration and improvement to wooden box sewer at foot of Forty-second street, North river.....	7,386 00	1,000 00	25	30	....
" 3	Sewer in Nineteenth street, between Eleventh and Thirteenth avenues..	1,456 00	1,450 00	35	33	2	
1892.							
Aug. 6	Sewer in Amsterdam avenue, west side, between One Hundred and Seventy-third street and a point about 316' 3" north of One Hundred and Seventy-eighth street, etc.....	40,659 00	12,249 15	900	452	448	
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	13,059 80	300	300	....	Completed.
Oct. 4	Sewer in Ninety-ninth street, between Third and Park avenues... }	8,857 30	7,740 00	150	205	....	On account of unusual difficulty in construction, the work will not be completed on time.
" 18	Sewer in One Hundred and Eighteenth street, between Fifth and Madison avenues.....	5,525 75	5,634 67	120	214	....	Completed.
" 26	Sewer in Kingsbridge road, east side, between Naegle avenue and One Hundred and Seventy-fifth street..	61,244 50	26,976 50	900	272	628	
Nov. 4	Sewer in Kingsbridge road, between Dyckman street and Naegle avenue	45,983 00	12,498 50	600	215	385	
" 4	Sewer in One Hundred and Twentieth street, between Amsterdam avenue and Boulevard.....	7,161 63	8,166 20	175	153	22	
" 7	Sewer in Dyckman street, between Hudson river and Kingsbridge road	41,076 00	.....	500	15	485	
Dec. 6	Sewer in Amsterdam avenue, west side, between Eighty-ninth and Ninety-second streets.....	5,848 00	4,073 00	125	175	....
1893.							
Jan. 30	Sewer in One Hundred and Fifth street, between Central Park, West, and Manhattan avenue.....	5,419 00	5,611 00	110	127	....	Completed.
May 2	Outlet for Sewerage District No. 25 through One Hundred and Sixty-seventh street and acquired lands.	17,129 00	14,890 00	230	105	125	
" 15	Sewer in Ninety-eighth street, between West End avenue and Boulevard..	2,238 00	2,185 08	40	40	....	Completed.
July 14	Sewer in Ninety-fourth street, between West End avenue and Boulevard..	2,563 00	500 00	50	35	15	
" 5	Sewer in Ninety-fourth street, between Boulevard and Amsterdam avenue.	2,328 45	2,505 00	50	49	....	Completed.
" 8	Sewer in One Hundred and Sixtieth street, between Amsterdam and Eleventh avenues.....	5,118 80	1,898 00	140	60	80	
" 14	Sewer in One Hundred and Forty-sixth street, between Hudson river and Boulevard.....	5,341 50	4,174 00	90	58	32	
Jan. 14	Sewer in Seventy-eighth street, between East river and Avenue A....	10,602 00	9,632 00	200	175	25	
" 30	Sewer in Ninety-sixth street, between Madison and Park avenues.....	4,968 00	4,960 00	100	124	....	Completed.
Apr. 19	Sewer in Ninety-seventh street, between Madison and Fifth avenues..	2,899 00	2,839 00	70	70	....	Completed.
" 19	Sewer in One Hundred and First street, between Madison and Fifth avenues.....	3,938 00	3,170 00	100	110	....

DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1893.							
July 28	Sewer in Ninety-fifth street, between Fifth and Madison avenues	\$1,720 00	\$1,660 00	40	39	....	Completed.
" 28	Sewer in Ninety-eighth street, between Madison and Fifth avenues	1,520 00	1,450 00	40	39	....	Completed.
" 2	Sewer in One Hundred and Third street, between Madison and Fifth avenues with alterations and improvements, existing sewer across Madison avenue	1,456 00	1,416 00	40	27	13	
Aug. 25	Alteration and improvement to sewer in Sixty-third street, between Park and Madison avenues	4,796 75	500 00	50	25	25	
" 29	Sewer in Ninety-seventh street, between Madison and Park avenues	1,404 50	.....	35	20	15	
" 29	Sewer in One Hundred and Second street, between Madison and Fifth avenues	3,680 00	400 00	90	20	70	
" 28	Sewer in Avenue St. Nicholas, west side, between One Hundred and Thirty-seventh and One Hundred and Forty-first streets, and alteration, etc., to curve in One Hundred and Thirty-seventh street and Avenue St. Nicholas	9,497 20	100 00	200	20	180	
" 28	Sewer in One Hundred and Thirty-eighth street, between Lenox and Seventh avenues, and in Seventh avenue, east side, between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets	8,120 00	2,000 00	200	20	180	
July 13	Sewer in Twelfth avenue, east side, between Fifty-fifth and Fifty-sixth streets, etc.	7,073 50	1,625 00	100	50	50	
Sept. 7	Sewer in Madison avenue, between One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets, and in One Hundred and Thirty-seventh street, between Madison and Fifth avenues	5,120 00	.....	60	25	35	
" 7	Sewer in Fifth avenue, between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets, and in One Hundred and Thirty-eighth street, between Fifth and Lenox avenue	8,487 50	.....	110	15	95	

Document "G."

REPORT OF THE SUPERINTENDENT OF STREET IMPROVEMENTS.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, NO. 31 CHAMBERS STREET, ROOM 5,
NEW YORK, October 2, 1893.

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

SIR—In accordance with your instructions, I have the honor to submit herewith my report of the transactions of the Bureau of Street Improvements for the quarter ending September 30, 1893.

Respectfully submitted,

W. M. DEAN, Superintendent of Street Improvements.

STATEMENT OF WORK DONE DURING THE QUARTER ENDING SEPTEMBER 30, 1893.

Earth excavation	cubic yards.	15,742
Rock excavation	"	18,702
Filling furnished	"	39,259
Curb-stones set	linear feet.	12,131
Curb-stones reset	"	5,954
Flagging laid	square feet.	121,514
Flagging relaid	"	24,461
Dry stone culverts laid	linear feet.	273
Fence built	"	5,122
Retaining-wall built	"	6,800
Repaving laid	square yards.	750

AMOUNT OF VOUCHERS DRAWN.

Street Improvement Fund	\$86,421 76
Street Improvement Fund—For Surveying, Monumenting, etc.	585 00
Street Improvement Fund—For Surveying, Monumenting, etc.—Special	1,127 97
Flagging Sidewalks, etc., in front of City Property	28 00
Contingencies—Department of Public Works	288 15
Total	\$88,450 88

APPROPRIATIONS.

Street Improvements—For Surveying, etc.	\$3,000 00
Amount of vouchers drawn first quarter	\$588 50
Amount of vouchers drawn second quarter	585 00
Amount of vouchers drawn third quarter	585 00
Outstanding liabilities (estimated)	865 00
Total	2,623 50

Balance (estimated)

\$376 50

Laying out Street north of One Hundred and Sixty-fifth street, west of Kingsbridge road, Street Improvements for Surveying, etc. (Special Appropriation)	\$3,500 00
Amount of vouchers drawn during quarter	1,127 97

Balance

\$2,372 03

Flagging Sidewalks, etc., in front of City Property	\$3,600 00
Amount of vouchers drawn during second quarter	\$2,073 20
Amount of vouchers drawn during third quarter	28 00
Outstanding liabilities (estimated)	1,386 00
Total	3,487 20

Balance (estimated)

\$112 80

Contingencies—Department of Public Works—

Amount of vouchers drawn during first quarter	\$285 40
Amount of vouchers drawn during second quarter	353 25
Amount of vouchers drawn during third quarter	288 15

Total

\$926 80

WORKS COMPLETED DURING THE QUARTER.

Regulating, Grading, Curbing and Flagging—

One Hundred and Thirty-first street, from Amsterdam to Convent avenue	\$1,442 44
Bethune street, from Greenwich to Hudson street	919 57
One Hundred and Thirty-sixth street, from Fifth avenue to Harlem river	2,056 97
One Hundred and Thirty-seventh street, from Convent avenue to St. Nicholas terrace	4,744 58
One Hundred and Forty-sixth street, from Convent avenue to 150 feet east	1,006 37
Total	\$10,169 93

Flagging, Curbing, etc.—

North side Seventy-seventh street, from Amsterdam avenue to Boulevard	\$427 82
South side Ninety-fourth street, from Central Park, West, to Columbus avenue	114 74
South side Ninety-ninth street, from Amsterdam avenue to Boulevard	223 37
West side Columbus avenue, from Seventy-ninth to Eightieth street	177 09
One Hundred and Forty-first street, from Amsterdam to St. Nicholas avenue	657 54
Eighty-third street, from Columbus to Amsterdam avenue	292 04
Nos. 229 to 247 East One Hundred and Seventeenth street	249 21
Sixty-first street, from Central Park, West, to Columbus avenue	1,666 47
First street, from Bowery to Second avenue	1,591 64
South side Ninety-second street, from Central Park, West, to Columbus avenue	632 08
Seventy-seventh street, from Madison to Fifth avenue	997 48
Sixty-eighth street, from Columbus to Amsterdam avenue	879 36
East side Amsterdam avenue, from One Hundred and Forty-third to One Hundred and Forty-fourth street	353 24
Sixty-seventh street, from Central Park, West, to Columbus avenue	2,405 64
Sixty-second street, from Amsterdam to Eleventh avenue	1,450 63
North side Eighty-seventh street east of Park avenue	157 00
South side Sixty-ninth street, from Eighth to Columbus avenue	942 53
West side Boulevard, from Sixty-third to Sixty-seventh street	799 62
Southeast corner Forty-fourth street and Fifth avenue	252 92
Seventy-eighth street, from Riverside Drive to West End avenue	567 80
Twenty-fifth street, from Sixth to Seventh avenue	2,762 33
Southeast corner Sixth avenue and Fortieth street	402 60
Northeast corner Fifth street and Bowery	439 65
West side Central Park, West, from Eighty-sixth to Ninety-third street	3,987 33
Total	22,430 13

Fencing Vacant Lots, etc.—

Northeast corner Seventy-second street and West End avenue	\$118 68
Nos. 237 to 239 West One Hundred and Thirty-third street	29 50
North side One Hundred and Nineteenth street, Nos. 107 to 145	205 50
South side Eighty-fifth street, west of Second avenue	32 87
One Hundred and Nineteenth and One Hundred and Twentieth streets, between Fifth and Lenox avenues	263 66
South side One Hundred and Fifteenth street, from Madison to Fifth avenue	73 10
South side One Hundred and Fourteenth street, from Park to Madison avenue	115 00
Southeast corner Seventy-third street and Riverside Drive	136 60
West side West End avenue, from Seventieth to Seventy-first street	199 40
Southeast corner Eighty-ninth street and Madison avenue	115 53
North side One Hundred and Fifth street, from Park to Madison avenue	80 63
Northwest corner Eighty-ninth street and Avenue B	114 75
Nos. 224 to 230 West Seventy-eighth street	30 35
South side Eighty-ninth street, west of Second avenue	50 50
One Hundred and Forty-first and One Hundred and Forty-second streets, between Seventh and Eighth avenues	284 88
Southwest corner Fifth avenue and One Hundred and Thirty-third street	105 47
Southeast corner Fifth avenue and One Hundred and Twelfth street	153 97
Northwest corner One Hundred and Thirty-second street and Fifth avenue	76 35
Northwest corner One Hundred and Thirty-first street and Fifth avenue	83 51
Northeast corner One Hundred and Tenth street and Fifth avenue	236 95
North side One Hundred and Thirty-first street, from Park to Madison avenue	27 96
North side One Hundred and First street and south side of One Hundred and Second street, between Lexington and Park avenues	106 85
Total	2,642 01

Total

\$35,242 07

RECAPITULATION.

5 Contracts, Regulating, Grading, etc.	\$10,169 93
24 Contracts, Flagging, Curbing, etc.	22,430 13
22 Contracts, Fencing Vacant Lots, etc.	2,642 01
51 Contracts. Total	\$35,242 07

Statement Showing Works under Contract in Bureau of Street Improvements on the 30th day of September, 1893.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, Grading, Flagging and Curbing.									
Boulevard, One Hundred and Fifty-sixth to Inwood street	R. McLaughlin	R. L. Waters	Leander Buck	600 days.	\$244,372 49	\$83,241 00	\$24,972 30	\$58,268 70	
St. Nicholas terrace, One Hundred and Thirtieth street to Convent avenue	William G. Leeson	"	James McClellan	250 "	61,972 70	3,600 00	1,080 00	2,520 00	
Claremont avenue, One Hundred and Twenty-second to One Hundred and Twenty-seventh street	Benjamin J. Carr	Thomas Slaton	David Simmons	200 "	17,368 88	22,013 65	6,604 09	15,409 56	
Dyckman street, Hudson river to Exterior street	William E. Dean	R. L. Waters	R. V. Davis	450 "	128,165 57	85,940 00	25,782 00	60,158 00	
Macomb's Dam road, One Hundred and Forty-ninth to One Hundred and Fifty-fifth street	Thomas J. Reilly	L. Olney	James Kearney	260 "	26,571 80	20,950 00	6,285 00	14,665 00	
One Hundred and Twenty-fourth street, Boulevard to Amsterdam avenue	William J. Reilly	F. E. Towle	Sylvester Bennett	300 "	13,351 34	9,765 00	2,929 50	6,835 50	
One Hundred and Thirtieth street, Amsterdam to Convent avenue	John J. Hopper	"	L. A. Russell, Jr.	150 "	2,220 00	.....	.....	.....
One Hundred and Thirty-third street, Boulevard to Twelfth avenue	Jas. Flanagan	Thomas Slaton	Benj. V. Frazer	148 "	11,105 14	1,950 00	585 00	1,365 00	
One Hundred and Forty-third street, Boulevard to Hudson River Railroad	John J. Hopper	Chas. H. Haswell	John Lawrence	100 "	4,257 95	.....	.....	.....
One Hundred and Forty-eighth street, Boulevard to Twelfth avenue	Matthew Baird	F. E. Towle	Fred. G. Fay	200 "	13,883 30	8,050 00	2,415 00	5,635 00	

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
One Hundred and Fiftieth street, Amsterdam avenue to Boulevard.....	John J. Hopper....	George A. Wheeler	James L. Brown...	125 days.	\$7,131 50				
One Hundred and Eighty-seventh street, Amsterdam avenue to Kings- bridge road.....	Guion & Ullo.....	R. L. Waters.....	Theophilus Pratt...	250 "	26,599 44				
Northwest corner Thirty-fourth street and Broadway.....	A. E. Moran.....	Thomas Slator....	Dennis O'Connor..	7 "	727 71				
South side Sixtieth street, Tenth to Eleventh avenue.....	W. T. Cunningham.	T. Rhys Smith....	Wm. J. V. Hart....	5 "	511 48				Work suspended.
Ninety-sixth street, Boulevard to Riverside Drive.....	"	"	John E. Wilson....	15 "	3,429 80				
Ninety-seventh street, Amsterdam avenue to Boulevard.....	A. E. Moran.....	F. Reinert.....	Chas. J. McGuire..	6 "	1,345 00				
One Hundred and Fourth street, Columbus to Amsterdam avenue.....	B. Dunn.....	A. P. Hartmann..		3 "	621 40				Work not yet commenced.
West End avenue, east side, between Sixty-second and Sixty-fourth streets..	W. T. Cunningham.	Chas. H. Haswell..		6 "	1,014 45				"
Fifth avenue, west side, One Hundred and Thirty-fourth to One Hundred and Thirty-fifth street.....	"	F. E. Towle.....		5 "	638 06				"
Lexington avenue, west side, One Hundred and Eighteenth to One Hun- dred and Nineteenth street.....	A. E. Moran.....	A. P. Hartmann..		4 "	865 71				{ Work completed, but not accepted.
Fifty-ninth street, north side, Amsterdam to Eleventh avenue.....	Jos. J. Haiduven..	R. L. Waters.....		5 "	493 80				{ Work completed, but not accepted.
Boulevard, Fifty-ninth to Sixty-third street.....	A. E. Moran.....	A. P. Hartmann..		9 "	3,299 86				{ Work completed, but not accepted.
Sixty-sixth street, Central Park, West, to Boulevard.....	W. J. Ford.....	M. Cox.....		7 "	2,373 15				{ Work completed, but not accepted.
Sixty-eighth street, Amsterdam avenue to west of West End avenue.....	"	Geo. E. Babcock..		5 "	1,093 30				{ Work completed, but not accepted.
One Hundred and Fifteenth to One Hundred and Sixteenth street, Madi- son and Fifth avenues.....	"	Thomas Slator....		3 "	899 66				{ Work completed, but not accepted.
Convent avenue, One Hundred and Thirty-fifth to One Hundred and Fiftieth street.....	William G. Leeson.	F. E. Towle.....		100 "	25,721 00	\$17,925 00	\$5,377 50	\$12,547 50	
Ninety-fifth street, south side, First to Second avenue.....	D. McGrath.....	R. L. Waters.....		2 "	175 00				{ Work completed, but not accepted.
Seventh avenue, east side, Nineteenth to Twentieth street.....	Thomas J. Dunn...	George A. Wheeler		2 "	135 50				{ Work completed, but not accepted.
Amsterdam avenue, west side, north and south of One Hundred and Forty- second street.....	"	"		2 "	377 00				Work not yet commenced.
Sixty-third street, south side, west of Second avenue.....	"	"		3 "	337 90				"
One Hundred and Twenty-third street, north side, west of Second avenue..	"	"		3 "	417 50				"
One Hundred and Twenty-fourth street, Fifth to Madison avenue.....	"	A. P. Hartmann..		3 "	428 60				{ Work completed, but not accepted.
Fencing Vacant Lots, etc.									
Amsterdam avenue and Boulevard, Ninety-first and Ninety-second streets..	P. Hardiman.....	F. Reinert.....		6 "	472 00				{ Work completed, but not accepted.
One Hundred and Forty-third street, north side, west of Eighth avenue.....	"	A. P. Hartmann..		1 "	25 23				
Totals..					\$602,403 22	\$253,434 65	\$76,030 39	\$177,404 26	

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 9, 1893.

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

SIR—I transmit herewith report of work done and materials used by this Bureau during the quarter ending September 30, 1893.

Respectfully submitted,

JOHN L. FLORENCE, Superintendent of Streets.

The following is a statement of the work done on "Boulevards, Roads, and Avenues—Maintenance of"—during the quarter ending September 30, 1893:

Macadam roadway repaired and resurfaced.....	18,535 square yards.
Macadam roadway regulated and graded.....	8,998 "
Gravel roadway repaired.....	4,132 "
Roadway covered with gravel.....	18,560 "
Roadway covered with gravel screenings.....	81,000 "
Roadway covered with trap-rock screenings.....	8,670 "
Gutters repaired.....	690 "
Bridge-stone relaid.....	1,000 square feet.
Roadway cleaned.....	271 miles.
Gutters cleaned.....	1,006 "
Stone hauled.....	846 truck-loads.
Gravel hauled.....	799 "
Stone screenings hauled.....	573 "
Gravel screenings hauled.....	104 "
Earth hauled.....	341 "
Screenings spread.....	471 "
Gravel spread.....	1,604 "
Gravel piled.....	17 "
Trees cultivated.....	535 "

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

Broken stone.....	846 truck-loads.
Stone screenings.....	573 "
Gravel.....	599 "
Gravel screenings.....	382 "
Sand.....	153 "
Broken gneiss-stone.....	220 "
Earth.....	341 "

9,166 truck-loads of surplus material were removed during the quarter, and the macadam and gravel roads were sprinkled regularly and thoroughly; one new sprinkling wagon was built in the Repair Shops.

The following is a statement of the work done on "Roads, Streets and Avenues—Unpaved" during the quarter ending September 30, 1893:

Roadway regulated and graded.....	19,261 square yards.
Roadway and gutters cleaned.....	12 miles.
Earth hauled and used.....	1,166 truck-loads.
Stone hauled and used.....	1,074 "
Stone broken.....	204 "
Gutters repaired.....	88 square yards.
Basins cleaned.....	2 "
Washouts repaired.....	11 "

318 truck-loads of surplus material 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, 1893.....	\$90,000 00
Amount transmitted during the first quarter ending March 31, 1893.....	12,415 35

Balance, April 1, 1893.....	\$77,584 65
Amount transmitted during the second quarter ending June 30, 1893.....	25,450 95

Balance, July 1, 1893.....	\$52,133 70
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Amount transmitted during the third quarter ending September 30, 1893, is as follows:

Pay-roll, Laborers, etc., week ending July 1, 1893.....	\$1,714 93
" " " 8, ".....	1,936 11
" " " 15, ".....	2,099 56
" " " 22, ".....	1,893 74
" " " 29, ".....	1,777 24
" " " Aug. 5, ".....	1,857 25
" " " 12, ".....	1,983 31
" " " 19, ".....	1,918 11
" " " 26, ".....	1,815 11
" " " Sept. 2, ".....	1,549 81
" " " 9, ".....	1,858 11

Pay-roll, Laborers, etc., week ending Sept. 16, 1893.....	\$1,521 81
" " " 23, ".....	1,572 81
Telephone service.....	33 90
Repairs to sprinklers.....	81 57
Rent of ground.....	1,000 00
Stone and screenings.....	5,885 28
Gravel and screenings.....	4,305 70
	\$34,804 35

Balance, October 1, 1893.....	\$17,329 35
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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, 1892.....	\$30,000 00
Amount transmitted during the year 1892.....	28,062 04

Balance, January 1, 1893.....	\$1,937 96
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Amount transmitted from January 1, 1893, to July 1, 1893, and charged against appropriation of 1892.....	1,909 07
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Balance, July 1, 1893.....	\$28 89
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Amount appropriated for the year 1893.....	\$30,000 00
Amount transmitted during the first quarter ending March 31, 1893.....	1,518 94

Balance, April 1, 1893.....	\$28,481 06
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Amount transmitted during the second quarter ending June 30, 1893.....	9,187 91
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Balance, July 1, 1893.....	\$19,293 15
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Amount transmitted during the third quarter ending September 30, 1893, is as follows:

Pay-roll, Laborers, etc., week ending July 1, 1893.....	\$503 37
" " " 8, ".....	595 37
" " " 15, ".....	642 06
" " " 22, ".....	546 25
" " " 29, ".....	508 25
" " " Aug. 5, ".....	547 24
" " " 12, ".....	555 50
" " " 19, ".....	537 00
" " " 26, ".....	514 87
" " " Sept. 2, ".....	808 81
" " " 9, ".....	496 93
" " " 16, ".....	706 36
" " " 23, ".....	817 50
Horse and wagon.....	270 00
Hardware.....	138 68
Axle grease.....	24 90
Rubber hose.....	125 00
	\$8,338 09

Balance, October 1, 1893.....	\$10,955 06
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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, 1893.....	\$2,500 00
Amount transmitted during the first quarter ending March 31, 1893.....	624 99

Balance, April 1, 1893.....	\$1,875 01
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Amount transmitted during the second quarter ending June 30, 1893.....	624 99
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Balance, July 1, 1893.....	\$1,250 02
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Amount transmitted during the third quarter ending September 30, 1893.....	624 99
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Balance, October 1, 1893.....	\$625 03
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The following amount has been transmitted during the quarter ending September 30, 1893, and charged to Street Improvement Fund:

Surveyor's fees—Laying crosswalks.....	\$155 16
Final payment.....	1,442 84
Pay-roll, Inspector of Crosswalks.....	63 00
	\$1,661 00

The following amount has been drawn against Restoring and Repaving—Special Fund.....

	\$877 56
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The following amount has been received during the quarter ending September 30, 1893, for use of Sprinkling Wagon and deposited to the credit of the General Fund.....

	\$23 00
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Document "I."

REPORT OF THE SUPERINTENDENT OF LAMPS AND GAS.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS, NO. 31 CHAMBERS STREET, ROOM 11,
NEW YORK, October 9, 1893.

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

SIR—Herein I submit a report of the transactions of the Bureau of Lamps and Gas for the quarter ending September 30, 1893:

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

Exhibit "B" is a summary of the appropriation for "Lamps and Gas and Electric-lighting," showing an expenditure during the quarter of two hundred and twenty-one thousand eight hundred and seventy-one dollars and six cents (\$221,871.06), with liabilities amounting to sixty-nine thousand one hundred and seventeen dollars and four cents (\$69,117.04), leaving an available balance of two hundred and sixty-one thousand one hundred and ninety-nine dollars and thirteen cents (\$261,199.13).

Exhibit "C" is a summary of the appropriation for "Lamps and Gas and Electric-lighting—Salaries," showing an expenditure during the quarter of four thousand eight hundred and seventy-four dollars and eighty-five cents (\$4,874.85), leaving an available balance of one thousand six hundred and twenty-five dollars and fifteen cents (\$1,625.15).

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 239 new gas lamps and 115 new electric lamps have been erected and lighted, 67 gas lamps relighted, and 265 gas lamps discontinued, of which 197 were discontinued on account of electric lights. The total number of public lamps lighted on September 30, 1893, was 24,052 gas, 152 naphtha and 2,389 electric, making a total of 26,593.

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

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.)	SULPHURATED HYDROGEN.
Consolidated Gas Company—			
Branch 1	5.92	2.18	
Branch 2	7.90	7.10	
Branch 3	3.52	0.48	
Branch 4	6.58	14.65	
Branch 6	4.79	2.25	
New York Mutual Gas-light Company	5.13	0.08	Present.
Equitable Gas-light Company	4.81	Trace.	
Standard Gas-light Company	6.27	0.17	

The following shows the specific gravity of the gases:

Consolidated Gas Company—	
Branch 1, specific gravity	.602
Branch 2, " "	.509
Branch 3, " "	.649
Branch 4, " "	.504
Branch 6, " "	.606
New York Mutual Gas-light Company, specific gravity	.726
Equitable Gas-light Company, " "	.688
Standard Gas-light Company, " "	.687

The following statement shows the average maximum and minimum pressure on the mains of such companies as connect with our photometric stations, as recorded on the pressure 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	1.94	1.92	Grand street and Bowery	1.80
Branch 2	2.94	1.77	" "	1.80
Branch 3	3.63	2.23	" "	3.80
Branch 4	2.32	1.27	{ Seventy-ninth street, between } { Second and Third avenues. }	3.80
Branch 6	2.84	1.71	" "	1.80
New York Mutual Gas-light Co.	3.79	2.71	Grand street and Bowery	1.80
Equitable Gas-light Company	3.43	2.04	" "	2.80
Standard Gas-light Company	1.94	1.81	{ Seventy-ninth street, between } { Second and Third avenues. }	1.80

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, 1893.

Washington Market	\$833 86
Catharine Country Market	36 38
Catharine Meat Market	16 76
Fulton Meat Market	258 37
Fulton Country Market	393 37
Essex Market	21 75
Centre Market	99 00
Clinton Market	168 38
Union Market	21 00
Tompkins Market	161 00
Jefferson Market	62 50
First District Police Court	255 25
Second District Police Court	36 50
Third District Police Court	42 75
Fourth District Police Court	90 75
First District Civil Court	87
Second District Civil Court	7 25
Fourth District Civil Court	6 00
Fifth District Civil Court	18 75
Sixth District Civil Court	8 00
Eighth District Civil Court	6 75
Harlem Court-house	69 38
Court of Special Sessions	24 87
Brown stone (Court-room) Building	167 00
New Court-house	2,020 88
City Hall	414 62
Corporation Counsel's Office	6 01
Corporation Attorney's Office	27 74
Public Administrator's Office	25 75
Board of Assessors	7 75
Department of Public Works	251 00
City Record Book Bindery	3 26
Register's Office	74 49

County Jail	\$261 00
Pipe Yard, Rivington street	3 25
Pipe Yard, East Twenty-fourth street	5 38
Water Purveyor's Shop, No. 186 Mulberry street	50
Water Purveyor's Shop, No. 134 West Thirtieth street	5 00
Water Purveyor's Shop, East Eighty-seventh street	3 75
South Gate-house, Central Park	61 50
Engine-house, High Water Service, High Bridge	119 88
Engine-house, High Water Service, West Ninety-eighth street	282 25
Clock Tower, Third District Court-house	198 75
New York City Civil Service Board	50
Bureau of Streets and Roads, West One Hundred and Nineteenth street	4 12
Bureau of Incumbrances	20 00
Dog Pound, East One Hundred and Second street	6 88
Photometric Station, Grand street	5 12
Photometric Station, No. 231 East Seventy-ninth street	88
Chief Engineer of Croton Aqueduct	8 00
Seventh Regiment Armory	286 75
Eighth Regiment Armory	566 87
Ninth Regiment Armory	100 63
Twelfth Regiment Armory	301 50
Twenty-second Regiment Armory	386 25
Sixty-ninth Regiment Armory	100 75
Seventy-first Regiment Armory	126 38
Troop "A" Armory	57 50
First Battery Armory	76 50
Department of Buildings	2 75
Public Bath, Battery	21 50
Public Bath, Duane street	21 49
Public Bath, Horatio street	28 12
Public Bath, Market street, East river	18 87
Public Bath, Grand street, East river	33 13
Public Bath, East Fifth street	26 88
Public Bath, East Eighteenth street	26 63
Public Bath, East Twenty-eighth street	22 37
Public Bath, West Fiftieth street	25 25
Public Bath, East Fifty-first street	34 38
Public Bath, East One Hundred and Twelfth street	27 12
Lighting Public Markets, etc., pay-roll	785 50
Cleaning Photometric Station, pay-roll	15 00
Gas examinations	463 00
Cartages	364 00
Rent of Photometric Station, Grand street	150 00
Rent of Photometric Station, Seventy-ninth street	90 00
New street lamps	1,424 40
New lamp-posts	4,353 37
New Boulevard lamps	651 25
New cross-heads	112 00
New lamp irons	167 00
New street-signs	176 48
Glass	93 75
Repairing street lamps	501 00
New metal street-signs	104 00
Fitting-up new lamps	1,294 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards	440 00
Repairing, etc., lamp-posts	5,782 50
Repairing, etc., lamp-posts, Twenty-third and Twenty-fourth Wards	961 50
Lighting public gas-lamps	79,926 61
Lighting public gas-lamps, Twenty-third and Twenty-fourth Wards	26,762 78
Lighting public electric-lamps	59,959 10
Lighting public electric-lamps, Twenty-third and Twenty-fourth Wards	27,275 85
Lighting public naphtha lamps	836 01
Lighting incandescent lamps	100 59
Repairing gas-holder, Third Avenue Bridge	150 00
Wedges	15 00
Total	\$221,871 06

RECAPITULATION.

Lighting public gas-lamps	\$79,926 61
Lighting public gas-lamps, Twenty-third and Twenty-fourth Wards	26,762 78
Lighting public electric-lamps	60,059 69
Lighting public electric-lamps, Twenty-third and Twenty-fourth Wards	27,275 85
Lighting public naphtha-lamps	836 01
Gas to Public Offices	8,916 37
Repairing, etc., lamp-posts	5,782 50
Repairing, etc., lamp-posts, Twenty-third and Twenty-fourth Wards	961 50
Fitting-up new lamps	1,294 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards	440 00
Supplies to public lamps	9,615 75
Total	\$221,871 06

EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," for the Year 1893, showing the Amounts Expended during the Quarter ending September 30, 1893, and the Amount Standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting," 1893	\$906,000 00
Amount of vouchers drawn to March 31, 1893	\$138,401 06
Amount of vouchers drawn during the quarter ending June 30, 1893	215,411 71
Amount of vouchers drawn during the quarter ending September 30, 1893	221,871 06

Total amount of vouchers drawn to September 30, 1893

Balance against which no vouchers have been drawn

Consolidated Gas Company, lighting public lamps	\$21,720 00
Equitable Gas-light Company, " "	4,066 90
Standard Gas-light Company, " "	2,856 21
New York Mutual Gas-light Company, " "	140 58
Northern Gas-light Company, " "	4,846 28
Yonkers Gas-light Company, " "	1,727 93
New York and New Jersey Globe Gas-light Company, lighting public lamps	278 67
Central Gas-light Company, lighting public lamps	2,640 61
New York Mutual Gas-light Company, gas to public offices	75
Central Gas-light Company, " "	93 44
United States Illuminating Company, lighting public lamps	4,239 60
Brush Electric Illuminating Company, " "	3,943 40
Harlem Lighting Company, " "	2,610 20
Thomson-Houston Electric Company, " "	3,458 00
Mount Morris Electric-light Company, " "	4,063 60
Edison Electric Illuminating Company, " "	1,018 50
Manhattan Electric-light Company, " "	826 80
North River Electric-light and Power Company, " "	9,187 65
Bartlett Lamp Manufacturing Company, 300 square street lamps	575 10
Bartlett Lamp Manufacturing Company, repairing 200 lamp irons	60 00
Manhattan Supply Company, 1,430 glass street signs	210 30
William R. Pitt Iron Works, 8 Boulevard lamp-posts	113 52
Birdsall's Express, cartage	175 00
Wellington Manufacturing Company, 65 metal street signs	104 00
J. L. Mott Iron Works, brackets, Transverse road	125 00
Abraham Steers, to wooden lamp-posts	35 00
	69,117 04
Balance available	\$261,199 13

EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," for the Year 1893, showing the Amount Expended during the Quarter ending September 30, 1893, with the Balance Standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting—Salaries" for 1893.....	\$6,500 00
Amount expended during the quarter ending March 31, 1893.....	\$1,624 95
Amount expended during the quarter ending June 30, 1893.....	1,624 95
Amount expended during the quarter ending September 30, 1893.....	1,624 95
Total amount expended to September 30, 1893.....	4,874 85
Balance available.....	\$1,625 15

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, 1893.

CONSOLIDATED GAS COMPANY, BRANCH 1.		
Number of lamps lighted June 30, 1893.....	2,388	
Number of new lamps lighted during the quarter.....	1	
Number of old lamps relighted during the quarter.....	5	2,394
Less lamps discontinued during the quarter.....	4	
Less lamps discontinued on account of electric lights.....	52	56
Number of lamps lighted September 30, 1893.....		2,338
CONSOLIDATED GAS COMPANY, BRANCH 2.		
Number of lamps lighted June 30, 1893.....	1,236	
Number of new lamps lighted during the quarter.....	3	
Number of old lamps relighted during the quarter.....	2	1,241
Less lamps discontinued during the quarter.....	1	
Less lamps discontinued on account of electric lights.....	12	13
Number of lamps lighted September 30, 1893.....		1,228
CONSOLIDATED GAS COMPANY, BRANCH 3.		
Number of lamps lighted June 30, 1893.....	1,350	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	4	1,354
Less lamps discontinued during the quarter.....	4	
Less lamps discontinued on account of electric lights.....	0	4
Number of lamps lighted September 30, 1893.....		1,350
CONSOLIDATED GAS COMPANY, BRANCH 4.		
Number of lamps lighted June 30, 1893.....	3,189	
Number of new lamps lighted during the quarter.....	7	
Number of old lamps relighted during the quarter.....	3	3,199
Less lamps discontinued during the quarter.....		3
Number of lamps lighted September 30, 1893.....		3,196
CONSOLIDATED GAS COMPANY, BRANCH 6.		
Number of lamps lighted June 30, 1893.....	5,285	
Number of new lamps lighted during the quarter.....	182	
Number of old lamps relighted during the quarter.....	29	5,496
Less lamps discontinued during the quarter.....		39
Number of lamps lighted September 30, 1893.....		5,457
Total number of Consolidated lamps September 30, 1893.....		13,569
EQUITABLE GAS-LIGHT COMPANY.		
Number of lamps lighted June 30, 1893.....	4,015	
Number of new lamps lighted during the quarter.....	1	
Number of old lamps relighted during the quarter.....	3	4,019
Less lamps discontinued during the quarter.....	4	
Less lamps discontinued on account of electric lights.....	24	28
Number of lamps lighted September 30, 1893.....		3,991
STANDARD GAS-LIGHT COMPANY, MADISON SQUARE BRANCH.		
Number of lamps lighted June 30, 1893.....	1,062	
Number of new lamps lighted during the quarter.....	2	
Number of old lamps relighted during the quarter.....	2	
Less lamps discontinued during the quarter.....	1,066	1
Number of lamps lighted September 30, 1893.....		1,065
STANDARD GAS-LIGHT COMPANY, HARLEM BRANCH.		
Number of lamps lighted June 30, 1893.....	1,499	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	0	
Less lamps discontinued during the quarter.....	1,499	1
Number of lamps lighted September 30, 1893.....		1,498
Total number of Standard Gas-light Company's lamps, Sept. 30, 1893.....		2,563
NEW YORK MUTUAL GAS-LIGHT COMPANY.		
Number of lamps lighted June 30, 1893.....	94	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	0	94
Less lamps discontinued during the quarter.....	0	
Less lamps discontinued on account of electric lights.....	0	0
Number of lamps lighted September 30, 1893.....		94

CENTRAL GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1893.....	1,057	
Number of new lamps lighted during the quarter.....	20	
Number of old lamps relighted during the quarter.....	19	1,096
Less lamps discontinued during the quarter.....	8	
Less lamps discontinued on account of electric lights.....	0	8
Number of lamps lighted June 30, 1893.....		1,088

NORTHERN GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1893.....	2,177	
Number of new lamps lighted during the quarter.....	2	
Number of old lamps relighted during the quarter.....	0	2,179
Less lamps discontinued during the quarter.....	3	
Less lamps discontinued on account of electric lights.....	109	112
Number of lamps lighted September 30, 1893.....		2,067

YONKERS GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1893.....	659	
Number of new lamps lighted during the quarter.....	21	
Number of old lamps relighted during the quarter.....	0	680
Less lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		680
Total number of gas lamps lighted September 30, 1893.....		24,052

NAPHTHA LAMPS.

NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.

Number of lamps lighted June 30, 1893.....	152	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	0	152
Less lamps discontinued during the quarter.....		0
Total number of naphtha lamps lighted September 30, 1893.....		152

ELECTRIC LAMPS.

UNITED STATES ILLUMINATING COMPANY.

Number of lamps lighted June 30, 1893.....	355	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	0	355
Less lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		355

BRUSH ELECTRIC ILLUMINATING COMPANY.

Number of lamps lighted June 30, 1893.....	318	
Number of new lamps lighted during the quarter.....	8	
Number of old lamps relighted during the quarter.....	0	326
Less lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		326

THOMSON-HOUSTON ELECTRIC COMPANY.

Number of lamps lighted June 30, 1893.....	295	
Number of new lamps lighted during the quarter.....	3	
Number of old lamps relighted during the quarter.....	0	298
Less lamps discontinued during the quarter.....		1
Number of lamps lighted September 30, 1893.....		297

MOUNT MORRIS ELECTRIC-LIGHT COMPANY.

Number of lamps lighted June 30, 1893.....	317	
Number of new lamps lighted during the quarter.....	22	
Number of old lamps relighted during the quarter.....	0	339
Less lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		339

HARLEM LIGHTING COMPANY.

Number of lamps lighted June 30, 1893.....	213	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	0	213
Less lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		213

MANHATTAN ELECTRIC-LIGHT COMPANY.

Number of lamps lighted June 30, 1893.....	69	
Number of new lamps lighted during the quarter.....	0	
Number of old lamps relighted during the quarter.....	0	69
Less lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		69

EDISON ELECTRIC ILLUMINATING COMPANY.

Number of lamps lighted June 30, 1893.....	57	
Number of new lamps lighted during the quarter.....	47	
Number of old lamps relighted during the quarter.....	0	104
Number of lamps discontinued during the quarter.....		0
Number of lamps lighted September 30, 1893.....		104

NORTH RIVER ELECTRIC-LIGHT AND POWER COMPANY.							
Number of lamps lighted June 30, 1893	651			Number of new gas lamps lighted during the quarter ending September 30, 1893....	239		
Number of new lamps lighted during the quarter	35			Number of new naphtha lamps lighted during the quarter ending September 30, 1893	0		
Number of old lamps relighted during the quarter....	0	686		Number of new electric lamps lighted during the quarter ending September 30, 1893	115	354	
Less lamps discontinued during the quarter.....	.....	0		Number of old gas lamps relighted during the quarter ending September 30, 1893	67		
Number of lamps lighted September 30, 1893.....	.....	686		Number of old naphtha lamps relighted during the quarter ending September 30, 1893	0		
Total number of electric lamps lighted September 30, 1893 .....	.....	2,389		Number of old electric lamps relighted during the quarter ending September 30, 1893	0	67	
RECAPITULATION.				Less gas lamps discontinued during the quarter.....	68	26,859	
Number of gas lamps lighted June 30, 1893	24,011			Less gas lamps discontinued on account of electric lights.....	197		
Number of naphtha lamps lighted June 30, 1893	152			Less naphtha lamps discontinued during the quarter.....	0		
Number of electric lamps lighted June 30, 1893	2,275	26,438		Less electric lamps discontinued during the quarter.....	1	266	
				Total number of lamps lighted September 30, 1893 .....	.....	26,593	

EXHIBIT "E."

Statement Giving the Illuminating Power in Candles of the Gas supplied to the City by the several Gas-light Companies during the Quarter ending September 30, 1893, as Shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	CONSOLIDATED GAS CO., BRANCH 1.			CONSOLIDATED GAS CO., BRANCH 2.			CONSOLIDATED GAS CO., BRANCH 3.			CONSOLIDATED GAS CO., BRANCH 4.			CONSOLIDATED GAS CO., BRANCH 6.			N. Y. MUTUAL GAS-LIGHT CO.			EQUITABLE GAS-LIGHT CO.			STANDARD GAS-LIGHT CO.		
	ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.		
Week ending—	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July 8, 1893.....	21.02	25.52	23.24	22.38	23.38	22.77	27.78	30.62	28.80	20.80	23.04	21.57	26.52	27.56	26.86	28.80	29.62	29.24	29.00	30.36	29.63	26.74	27.14	26.87
" 15, "	23.00	26.38	24.56	21.38	24.22	22.72	27.36	30.24	28.39	21.86	22.72	22.42	25.92	27.50	26.71	27.68	30.86	29.11	29.28	30.52	29.94	25.84	27.42	26.99
" 22, "	22.50	24.98	23.44	20.46	22.86	22.10	27.84	29.30	28.68	21.80	22.90	22.37	25.84	27.12	26.57	29.00	29.58	29.42	29.50	31.32	30.24	25.58	26.86	25.95
" 29, "	20.16	23.14	21.90	20.61	24.08	22.70	27.81	29.70	28.39	20.44	22.10	21.50	25.60	26.70	26.24	28.54	31.04	30.12	29.36	30.78	30.11	25.55	27.94	26.70
Aug. 5, "	23.40	26.66	24.91	20.35	24.04	22.14	27.92	29.70	28.67	20.68	22.07	21.29	25.64	25.93	25.76	27.28	29.80	28.51	28.28	29.76	28.81	28.08	29.22	28.43
" 12, "	23.02	26.56	24.61	20.61	24.90	22.55	28.92	29.72	29.28	22.08	22.74	22.44	26.62	27.40	27.09	29.30	31.26	29.91	29.86	30.54	30.11	28.04	29.68	28.72
" 19, "	20.89	26.28	24.25	22.20	23.72	22.87	27.46	28.88	27.99	20.41	22.54	21.80	24.53	27.48	26.12	29.30	30.42	29.88	27.26	30.26	29.15	26.50	27.44	26.94
" 26, "	21.42	25.20	23.43	19.96	24.86	22.84	28.00	28.96	28.53	21.25	23.18	22.38	24.30	27.14	25.74	28.92	30.18	29.52	29.30	31.24	30.38	27.06	29.24	27.68
Sept. 2, "	21.76	25.56	23.42	20.48	23.78	22.51	28.12	29.36	28.69	20.82	22.66	21.58	24.94	25.82	25.24	28.60	30.70	29.70	29.72	30.86	30.51	26.56	27.70	27.34
" 9, "	21.32	26.52	23.34	22.70	24.86	24.00	27.80	28.56	28.20	20.98	21.70	21.45	24.02	25.52	24.77	29.56	30.60	30.32	28.92	30.84	29.93	27.46	28.54	28.08
" 16, "	23.03	26.10	24.66	19.46	25.46	22.62	27.22	30.88	28.82	20.42	21.82	21.01	24.24	26.52	25.24	31.70	32.84	32.38	28.86	30.56	29.56	27.04	28.74	27.98
" 23, "	22.52	26.32	24.07	19.54	21.71	20.42	28.12	30.08	29.00	20.08	22.50	21.30	24.36	25.06	24.81	30.04	32.34	31.42	28.90	30.60	29.77	26.36	27.46	27.00
" 30, "	22.28	29.44	25.20	21.02	24.26	22.60	26.88	30.04	28.53	20.80	23.36	21.76	24.28	26.60	24.94	27.56	29.52	28.27	29.54	31.16	30.34	26.34	27.34	26.83
For Quarter	22.02	26.05	23.52	20.86	24.01	22.53	27.79	29.62	28.61	20.95	22.56	21.76	25.14	26.64	25.85	28.94	30.67	29.83	29.06	30.68	29.88	26.70	28.05	27.34
Distance from gas-works.....	1.86 Miles.....			1.60 Miles.....			3.84 Miles.....			3.10 Miles.....			1.60 Miles.....			1.60 Miles.....			2.78 Miles.....			1.50 Miles.....		
Testing burners.....	Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....			Bray's Slit Union No. 7.....		

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REPORT OF THE SUPERINTENDENT OF REPAIRS AND SUPPLIES.

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

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

SIR—I have the honor to submit to you the following report of the transactions of this Bureau for the quarter ending September 30, 1893.

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

NEW CRIMINAL COURT BUILDING.

The entire exterior of the building (with the exception of the portico on Elm street) has been cleaned and pointed.

All the exterior doors (except those on the main entrances on Center and Elm streets) have been hung.

All the desks and court-room railings are ready to be put in place.

The Basement Story—The mosaic and concrete floors are finished and the trim (except two interior windows) is completed and the doors are hung, but the locks and transom lifters are not in place.

First Story—All the rooms are ready for the finished floors, except the 4 court-rooms in which the base is not laid. The trim is nearly completed, the doors all hung, but the locks and transom lifters are not yet in place.

First Mezzanine Story—The floors are finished in 5 of the rooms and the other 8 rooms will be finished in a few days. The trim is nearly all up, all the doors are hung, but locks and transom lifters are not in place.

Second Story—The base is being put in the 4 court-rooms; when this is done 22 rooms will be ready for laying the finished floors. This work will be done in about six days. The trim (except base) is all in place and doors all hung; locks and transom lifters not in place.

Second Mezzanine Story—Finished floors all laid. Trim nearly complete and the doors all hung; locks and transom lifters not in place.

Third Story—Finished floors all laid except in 6 rooms. Trim complete, doors all hung, locks on, but transom lifters not in place.

Fourth Story—Finished floors all laid except in 2 large rooms. The trim is nearly complete, doors all hung, locks on, but transom lifters not in place.

The iron work is progressing as rapidly as possible. The elevators are complete except the adjusting of the locks on the sliding doors, which are ready to be put on.

The hand-rails on all the staircases are all complete.

The iron work on main staircase on the basement and first floor is progressing slowly for want of material, which is expected to arrive shortly.

The iron gates for the main entrances on Center and Elm streets, and the hangers for the same, are on the ground.

The Bridge on Franklin street connecting with the Tombs prison is in position, and the framework of the canopy for the same, is complete. But the work is at a stand for want of material.

The marble work in the arcade is finished, cleaned and pointed.

The tiled floors are all cleaned, except in the basement, and this will be finished in about two weeks.

The vestibules are completed. The marble in the toilet-rooms is in place, except on the second story.

All the marble saddles are set (except in the basement), and the marble stair treads are all in place, but have to be cleaned.

The plumbing work is complete except in the basement and comprises the following fixtures:

First Story—4 wash-basins, 4 urinals, 4 water-closets and 2 slop sinks.

First Mezzanine Story—3 water-closets, 2 urinals, 2 basins and 2 slop sinks.

Second Story—4 water-closets, 5 urinals, 5 basins and 2 slop sinks.

Second Mezzanine Story—2 toilet-rooms, 8 water-closets, 9 urinals, 7 basins, 4 slop sinks.

Third Story—10 water-closets, 9 urinals, 8 basins and 1 slop sink.
Fourth Story—10 water-closets, 8 urinals, 6 basins and 2 slop sinks.
Basement—10 closets, 10 urinals and 6 basins are still unfinished.
Cellar—There remains unfinished, 4 slop sinks, connecting hot-water boiler and pipe covering.
Janitor's Rooms—1 closet, 2 wash-trays and 1 basin remain to be put in.
The steam-fitting is completed, with the exception of setting the radiators, and finishing of the vent-flue in the attic.
The radiators will be set as soon as the flooring is finished. The vent-flues will be connected to the main-shaft in about two weeks.
There are two engines in the air-shaft for working the fans which will have to be removed as they are not satisfactory. The machinery and material used to complete the heating apparatus are as follows:

- 4 boilers.
- 2 blow-off tanks.
- 2 discharge-tanks.
- 2 heaters.
- 2 auxiliary heaters.
- 2 pump governors.
- 4 elevator pumps.
- 6 elevators, now being tested.
- 4 feed pump.
- 2 pumps for hot-water circulation.
- 2 blower engines.
- 2 circular hot-water tanks for direct steam.
- 2 air compressors for electric service.
- 2 fan engines for blowers.
- 2 engines for air-fans.
- 18 No. 6 Davidson traps.
- 16 No. 1 Davidson traps.
- 1,404 radiators (indirect system).
- 216 Bartlett, Hayward & Co. hot water radiators.
- 2 expansion tanks on the roof.
- 2 elevator tanks on the roof.
- 6 elevator cylinders 14½ inches by 40 feet.
- 2 girder beams for supporting discharge tanks for elevators.
- 12 I iron beams for supporting discharge tanks for elevators.
- 2 beams 11 feet 4 inches for supporting feed water tanks.
- 2 beams 5 feet for supporting feed water tanks.
- 2,000 feet of brass coil in hot water tanks.
- 200 feet of ¾-inch pipe for tell-tale from elevator to fourth floor.
- 1,872 feet brass tubing for feed water heaters.
- 216 feet brass tubing for feed water boilers.
- 1,000 feet vitrified pipe.
- 570 feet 3 feet by 12 inches galvanized iron flues.
- 720 feet 2 feet by 12 inches galvanized iron flues.
- 2 9 inches by 7 feet 6 inches by 3 inches channel irons.
- 2 shafts for fans in air shaft 125 feet each. All couplings and connection made.
- 250 feet of brass tubing for supply pipe to boilers.
- 749 feet ¾-inch pipe.
- 2,000 feet 1-inch pipe.
- 1,000 feet 1¼-inch pipe.
- 5,000 feet 1½-inch pipe.
- 8,000 feet 2-inch pipe.
- 3,000 feet 2½-inch pipe.
- 1,200 feet 3-inch pipe.
- 28 feet 3½-inch pipe.
- 1,500 feet 4-inch pipe.
- 250 feet 6-inch pipe.
- 24 feet 7-inch pipe.
- 1,500 feet 8-inch pipe.
- 260 feet 12-inch pipe.

Furnace measurement, 7 feet by 5 feet by 2 feet 6½ inches.
 Combined horse-power of boilers, 544.
 Fan measurement, 6 feet 6 inches diameter, 3 feet 5-16 inches wide.
 Shaft, 5 feet 9 inches outside.
 300 feet of smoke-stack.
 35,847 bricks laid to inclose indirect radiators.
 16,244 bricks laid in trenches covered with ½-inch cast-iron plates.

Vent-flues in attic connected with main shaft:		
277 feet.....	8 x 8 inches.	166 feet..... 20 x 20 inches.
293 ".....	10 x 10 "	222 " 4 inches..... 14 x 14 "
114 ".....	12 x 12 "	23 " 3 "..... 24 x 30 "
55 ".....	16 x 16 "	37 " 8 "..... 24 x 24 "
190 ".....	18 x 18 "	23 " 3 "..... 30 x 30 "
34 ".....	36 x 36 "	8 " 9 "..... 9 x 12 "
6 " 6 inches.....	6 x 10 "	5 " 3 "..... 30 x 36 "

Gas-fitting—There are 798 outlets, as follows:

Basement.....	114
First Mezzanine Story.....	99
Second Mezzanine Story.....	73
First Story.....	72
Second Story.....	96
Third Story.....	148
Fourth Story.....	196

There are but 4 outlets in the basement ceiling.

The gas pipes in the building are as follows:

2-inch pipe.....	3,164 feet.
1½-inch pipe.....	3,796 "
1¼-inch pipe.....	2,463 "
1-inch pipe.....	8,375 "
¾-inch pipe.....	3,066 "
½-inch pipe.....	5,055 "
¾-inch pipe.....	2,776 "
Total.....	28,695 feet, or nearly 5½ miles.

The electric-light wiring is as far along as the other work on the building will permit.

The contractor has kept men testing the circuits and making repairs as fast as any trouble was found.

There are no lights provided for the cellar and very few in the basement.

The drawings and specifications for the switchboard are ready.

The contracts and specifications for the gas and electric fixtures.

The balconies, stairs, railings, gates and columns required for access to the bridge from prison yard.

The panel partitions and railings required for the sub-division of the rooms.

The iron railings, snow guards, window guards, etc., have been advertised, and bids for the same will be opened on the 10th inst.

The contract for flagging has been awarded and the work will be proceeded with without delay.

The floor surface of the building, including the cellar and attic, covers an area of 162,826 square feet, or very near 3¾ acres. The stairways cover an area of 3,914 square feet. The sidewalks, plaza and exterior steps cover an area of 17,311 square feet, making the total area of the building and sidewalks 183,251 square feet, or 4.18 acres, to be kept clean and in order.

THE COUNTY COURT-HOUSE.

Supreme Court—New black walnut paneled screens and sounding boards were put up in Parts I. and III., and the new railings and closet in Part III. were filled and varnished. Twenty-two galvanized iron deflectors were put up over the hot-air registers in the several rooms and were painted, grained and varnished. All the carpets in the rooms occupied by the Court were taken up, cleaned and relaid with new paper lining. The curtains in the several rooms were taken down, cleaned and rehung. In Part I. a new light of polished plate glass was put in to replace one broken.

Superior Court—In Part I. and Trial Term Room, Part II., the walls and ceilings have been washed off, ceiling and cornices calcimined in tints, walls painted three coats of lead and oil paint stippled, and a dado painted and grained around the rooms. The hardwood work was cleaned and varnished. One light of polished plate glass was put in the Court-room and one in the Judge's private room. The carpets in Parts I. and II. and in the Clerk's room, and the rugs in the Judge's private room, were taken up, cleaned and relaid. The window shades were altered and repaired and hung to roll from the centre.

Surrogate's Court—The new pine case in the office was painted and grained. A new set of telephone instruments was put in the County Clerk's office and connected with the Telephone Exchange.

Repairs have been made to the roof, the joints in gutters and valleys pointed up with roofing cement and the entire roof painted with metallic paint.

The boiler furnaces have been relined with No. 1 fire brick and new jamb and arch blocks put in each.

Two Metropolitan injectors were connected on the boilers with all necessary fittings. The steam pipes were covered with asbestos paper, hair felt and canvas, and the boiler-room ceiling and walls were painted and calcimined, and boiler fronts and iron work painted with asphaltum paint.

Three galvanized iron buckets for hoisting ashes were furnished, and one barrel of cylinder oil and five hundred pounds of savagrau supplied for use of engineer and janitor.

CITY HALL.

The steam pump was overhauled, a new steam-chest and valve-stem put in, and the pump put in complete order.

The flues in the chimneys of the Mayor's office and the Judges' rooms were cleaned and the chimney tops repaired and reset.

The carpet rug in the CITY RECORD office was taken up, cleaned and relaid with new lining.

The usual supply of steam for use of the pump was furnished.

On the death of the late Hon. Hamilton Fish, his portrait in the Governor's room was appropriately draped in mourning.

BROWN-STONE BUILDING.

The boiler pipes were cleaned out and repaired, the chimney flues cleaned, the chimney tops taken down, repaired and reset, and two new ones put up. The hot-air furnaces were repaired, and new pipe and castings furnished where needed to put them in good order. The roof of the extension was repaired and painted and a new hand-rope put in the elevator. Some law books were furnished for use of the District Attorney.

THE HALL OF RECORDS.

The hot-air furnaces were overhauled, new fire pots put in, the fronts rebuilt and necessary castings and pipe furnished. The register boxes and pipes and flues cleaned and chimney tops reset. 12 desks taken from the Tax Commissioners' office in Staats Zeiting building were repaired and set up on the third floor.

NO. 31 CHAMBERS STREET.

The ceilings in Engineer's room and the hallway adjoining were repaired and calcimined. The fireplace in the Commissioners' room was repaired and chimney cleaned, and the rug in Commissioners' office was taken up, cleaned and relaid. The safe in the office of the Engineer in charge of sewers was repaired, the doors rehung and lock and bolts put in working order. The elevator was repaired. The piston valves repacked and a new turn buckle put in.

THE STEWART BUILDING.

Finance Department—A new set of telephone instruments was put in the City Chamberlain's office and connected on metallic circuit with the Telephone Exchange and a telephone cabinet to enclose the same put up. The new case in the Comptroller's office was filled and varnished and given a cabinet finish.

The Tax Commissioners' Office—Two new fire-proof safes were furnished for use of the office. A case of pine shelving about 8 feet high and 25 feet long was put up in Clerk's office. Three black walnut wardrobes, one dozen arm chairs, four rotary chairs, two 3-feet and two 4-feet oak library tables, two 5-feet desks, and three single wardrobes and two cocoa door mats were furnished, and brass door pulls put on the desk drawers in main office.

Office of Receiver of Taxes—A rapid safety water filter was put up in the office, with necessary connections. The electric fans were repaired. The signs at entrance were resilvered and letters refilled. The new partition in basement was painted and the book-case relettered in black letter, and the office clock repaired and a new dial put on the same.

Department of Street Cleaning—A new paneled glass partition was put up in the office and painted three coats of paint, and a roll-top desk furnished.

STAATS ZEITUNG BUILDING.

Corporation Counsel's Office—The rooms on the second floor, formerly occupied by the Tax Commissioners, having been assigned to the Corporation Counsel, were fitted up and prepared for his use. The shelving and closets on the fourth floor were taken down, altered and put up in the New Record room, on the second floor.

A new ash counter, about 30 feet long, and three large cases of Tucker's document files, were put up in the Clerk's office; about 60 running feet of iron wire railing, 4 feet high, with walnut top rail, was put up in the office, and an iron wire railing, 16 feet long and 8 feet high, was put up in the Store-room; a wire guard rail, about 18 feet long, was put up on the office desk.

Two telephone booths were put in for use of the office. In the private office a new parquetry floor was laid, and the parquetry floors in the other rooms were cleaned off, filled and varnished.

Carpets and linoleum have been laid in the several rooms, and the old carpets taken up, cleaned, altered, fitted and relaid in other rooms. New window shades were put up on all the windows on the second and third stories.

The old furniture was cleaned, repaired and varnished, and one new black walnut table, 6 feet long, two 5 feet double desks, three 5 feet roll-top desks, 3 dozen office chairs and 3 rotary chairs furnished.

THE COURTS—POLICE AND CIVIL.

The Third District Court-house—The roof over the corridor leading to the prison and the roof and gutters over the Court-room, were repaired—about 250 new slates and 350 sheets of new tin put in and about 35 feet of copper ridge moulding put on, the flashings pointed up and the roof painted.

The range in the Janitor's kitchen was repaired, and some new castings furnished for the same. A new carpet was laid in the Examination room, and the old carpet cleaned and relaid in the Janitor's apartments.

Some law books were furnished for the court.

Fifth District Civil Court—The roofs were repaired and painted, flashings pointed up, skylights reglazed and puttied up, and the kitchen chimney cleaned and a new galvanized iron chimney top with swivel head put on.

Seventh District Court—The ceilings and walls of hallway leading to prison pens were washed off, plastering repaired, ceilings calcimined and walls painted.

Tenth District Civil Court—A new stove with necessary pipe and fixtures was put up in the Clerk's office.

Third District Police Court—The walls and ceilings of the prison pens, cells, water-closets, area, light holes and basement hallway were cleaned and given two good coats of lime whitewash.

Sixth District Police Court—A perforated rubber mat, lettered "Police Court," was furnished for court entrance.

HARLEM COURT-HOUSE.

The elevator was repaired and new valve leathers put in same.

Three sets of blue-stone curb were put in place for gutter bridges and covered with heavy cast-iron gutter plates. The paving adjoining was taken up and relaid to conform to the grade of the bridges.

The roof was repaired and about 85 Spanish roofing tiles put in to replace those broken.

The flag-poles were painted and new halyards reeved on them, and a galvanized iron chimney top put on kitchen chimney.

The new cases in the Clerk's and Officers' room were painted, grained and varnished, and the new doors in the Police Court were painted to match the adjoining work.

Two 12-gallon oil cans, properly lettered, were delivered for use of the Engineer.

THE COUNTY JAIL.

An iron railing 5 feet high has been put up on the yard wall coping, from the rear of the prison to the slant in the wall.

The boiler furnace was relined, new jamb blocks put in and the brick work pointed up.

The window sashes have been glazed and rehung with new sash cords, and pulleys where needed. The cells have been cleaned and whitewashed and the exterior of the building painted with three coats of lead and oil paint.

THE MARKETS.

Washington Market—The roof over Stands Nos. 35, 48, 50, 248, 334, 341, 342 and 343, has been repaired. The 24 sliding skylights and the tracks of the same were repaired, new glass put in where needed and the tracks put in running order. 24 new wire basket strainers were put in the water leaders on the gravel roof and the roof made weather tight. The flooring in about thirty different places throughout the market (aggregating about 1,000 square feet) was repaired.

West Washington Market—The flagging in front of stands Nos. 2, 6 and 20 Grace avenue, Nos. 7 and 28 Lawton avenue and No. 1 Hewitt avenue, was repaired; about 100 feet of the old flagging was reset and the remainder of the work was done with new flagging neatly jointed and bedded in clean, sharp sand. The roofs of two of the market buildings were repaired and painted, new tin put in where required and the leaders repaired.

Fulton Market—A new yellow pine floor was laid in Stand No. 214 and new ropes put in the skylight sash over No. 152.

Tompkins Market—The stoops on Hall place and Third avenue sides of the market have been rebuilt; the open area on Hall place sheathed over; the flooring in the market repaired and the doors put in order, furnished with necessary hardware and reglazed where needed.

Jefferson Market—The doors have been repaired and rehung and new hardware furnished for the same where needed. The roof of iron awning around the market has been repaired and painted and a new 4-inch galvanized iron leader put up to carry off the water from the same. The terra-cotta work above the cornice on Sixth and Greenwich avenue sides of the building has been pointed up with colored cement. In the hallways on the office floors and rooms Nos. 1 and 2 and the toilet room the plastering has been repaired and the walls and ceilings washed off and calcimined.

Clinton Market—The roof over Lawson's restaurant was covered with the best quality of second grade tin and painted with metallic paint, and the skylight over Stand No. 130 was reglazed with ¼-inch ribbed glass. A new yellow pine floor was laid in Stands Nos. 48, 49 and 50 (Lynch's restaurant) and in Stands Nos. 114, 117 and 121.

Catharine Market—13 pairs of doors were repaired and new hardware, including hinges, locks, and bolts furnished where required.

Union Market—2 new galvanized iron leaders each about 60 feet long, were put up on the east end of the building, and the brick pier, on the southeast corner was repaired and pointed up, and the flooring and 4 pairs of doors repaired.

THE ARMORIES.

The First Battery Armory—A new pine closet, 7 feet wide, 3½ feet deep and 10 feet high, with 2 shelves and hat and coat hooks, was put up in the locker room.

The Seventh Regiment Armory—Repairs have been made to the rifle range; new timbers put in where needed, the flooring in the marker's pit relaid, 1 steel plate 8 feet long, 4 feet wide and ¾ inches thick, with curved end, and 2 iron plates 14 inches wide and 4 feet long and ¾ inches thick, were put in place to protect the woodwork and receive the balls. The sashes in 38 windows on the second floor of the Administration Building were re-hung with No. 1 Giant Sash Chain. The tin work of the roof and gutters over the company rooms, and the tower above the Armory have been repaired, joints pointed up and flashings secured with wall hooks. The roof over the main drill-room has been repaired, the damaged tin removed and replaced with about 600 sheets of Phelps' triple coated tin, painted both sides, and the entire roof painted with metallic paint. 2 large galvanized iron ventilators, 4 feet high and 2 feet in diameter, were put up on the roof between the lantern and end walls.

The Eighth Regiment Armory—The boiler furnaces in Nos. 2 and 3 boilers have been relined, new jamb and arch blocks put in, the walls pointed up and a new back-stay put in. The roof of the main drill room has been repaired, about 600 sheets of damaged tin removed and replaced with Phelps & Dodge's triple coated tin. The skylights have been reglazed where needed, the flashings pointed up and the roof painted with metallic paint. Weather strips have been placed on the bottom sash of eighty windows and the electric battery and wiring used for lighting the Armory was overhauled and put in complete order.

The Twelfth Regiment Armory—The coping, walls and look-outs above the roof on the north side have been pointed up with Portland cement, the walls around the roof given a cement wash and the roof for a space five feet above the line of the walls painted with metallic paint. The roof of the main drill room, for a distance of 15 feet up the sides and ends, has been repaired and painted, about 700 sheets of damaged tin removed and replaced with Phelps' triple coated tin painted both sides. The roof over the company rooms and the gravel roof of the extension have been repaired and made weather tight. The three boiler furnaces have been relined and furnished with new grate bars and four new lockers have been put up in the Field and Staff room.

THE NAVAL BATTALION.

Seven 50-foot lengths of 2½-inch 3-ply fire hose with couplings, nozzles and spanners complete, one barrel of mineral sperm oil and 15 tons of coal have been furnished and put on board the ship "New Hampshire" for use of Battalion.

THE CORPORATION YARDS.

A shed 100 feet long, 14 feet wide and 13 feet high, was put up in the Fifty-sixth street yard for use of the Department of Street Cleaning.

THE DEPARTMENT OF BUILDINGS.

A new oak plan case was put up in the office and the racks on the upper floors of Nos. 155 and 157 Mercer street were taken down, altered and put up in the New Department Building and the maps and plans removed thereto.

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

The several floors in the Department Building on the corner of One Hundred and Forty-first street and Third avenue were shored up and a line of girders supported on iron columns was put in on each floor from the cellar to the top story in accordance with the drawings and specifications prepared by this Bureau and approved by the Department of Buildings. A wire railing 13 feet long and 6 feet high with gate and spring latch was put up on the third floor.

Contracts and specifications were prepared for the work of pointing up, cleaning and painting the brick and stone work of the exterior of the Third District Court-house; and for pointing up the stone and brick work of the exterior of the Seventh Regiment Armory. This work was advertised and given out at public letting and is now under way, and it is expected to have it completed before the frost sets in.

Law books and directions have been furnished for the use of the several departments, courts and offices entitled to the same.

Repairs made to the plumbing, steam and gas-fitting. The iron work, glazing office furniture and window awnings of the several buildings and offices in care of this Department.

The stoves in use in the various buildings have been repaired and are now being put up for the winter season.

The necessary lumber and hardware has been supplied for use of the carpenters in the employ of the Bureau.

The free floating baths have been closed for the season, and are now being towed to their winter quarters, in Gowanus Basin, and arrangements for their storage and safe keeping during the winter months are now being made.

Respectfully submitted,

W. G. BERGEN, Superintendent Repairs and Supplies.

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REPORT OF THE SUPERINTENDENT OF INCUMBRANCES.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF INCUMBRANCES, NO. 31 CHAMBERS STREET,
NEW YORK, October 9, 1893.

Hon. MICHAEL T. DALY, 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, 1893 (months of July, August and September):

951 complaints of obstructions received and attended to.
377 seizures and removals of obstructions made.
1,565 building permits issued.
171 miscellaneous permits issued.
8 permits issued to cut down shade trees.
2 notices issued to repair defective vault covers.

Expense of seizing and removing 377 articles, including 42 loads of dirt, stone and rubbish, and throwing in dirt, etc., on premises at various places; removing 255 dead and dangerous trees, stumps, etc.; also 1 telegraph pole and about 60 miles of electric wires..... \$5,069 10

Total expenses for the quarter..... \$7,011 84

Received from owners for the redemption of seized articles..... \$259 75
Received from public sale of unredeemed articles, August 7, 1893..... 265 66

Total..... \$525 41

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

Salary account—Appropriation..... \$7,800 00
Expended up to September 30, 1893..... 5,992 74

Balance..... \$1,807 26

Appropriation for the removal of obstructions in streets and avenues..... \$25,000 00
Expended up to September 30, 1893..... 22,316 70

Balance..... \$2,683 30

Respectfully,

MICHAEL F. CUMMINGS, Superintendent of Incumbrances.

Document "M."

REPORT OF THE WATER REGISTER.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER, NO. 31 CHAMBERS STREET,
NEW YORK, September 30, 1893.

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

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps for the quarter ending September 30, 1893:

	Principal.	Penalties.	Taps.
July.....	\$764,547 70	\$347 10	\$999 50
August.....	525,275 63	1,284 60	1,091 00
September.....	178,368 65	1,037 30	648 00
	\$1,468,191 98	\$2,669 00	\$2,738 50

Total amount..... \$1,473,599 48

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

July.....	\$486 37
August.....	424 03
September.....	210 49

Total..... \$1,120 89

Special Fund—Repairing Streets—

July.....	\$1,009 50
August.....	1,370 50
September.....	1,094 50

Total..... \$3,474 50

Respectfully,

JOSEPH RILEY, Water Register.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Counsel to the Corporation for the week ending January 27, 1894:

The Mayor, Aldermen and Commonalty of the City of New York are defendants, unless otherwise mentioned.

SCHEDULE "A."
SUITS AND SPECIAL PROCEEDINGS INSTITUTED.

COURT.	REGIS-TER FOLIO.	WHEN COM-MENCED.	TITLE OF ACTION.	NATURE OF ACTION.
Supreme...	45 293	1894. Jan. 22	Melville, Alexander, vs. Theodore Dennison, Jr., Catharine Schultz, The Mayor, etc., et al.....	To foreclose a mortgage on premises in Morristania.
Com. Pleas.	45 294	" 22	Metropolitan Life Insurance Co. vs. William H. Muldoon, The Mayor, etc., et al.....	To foreclose a mortgage.
"	45 295	" 23	Bolster, Honora.....	Damages for personal injuries resulting from falling on snow and ice on sidewalk of Amsterdam avenue, between 159th and 160th streets, on March 7, 1893, \$2,500.
"	45 296	" 24	Hirsch, Isaac, vs. Henry L. Hand and Ada L. Hand, his wife, Charles H. Jenkins, Morris C. Mengis, The Mayor, etc., of the City of New York.....	To foreclose a mortgage; the City a judgment creditor against defendant Mengis.
"	45 297	" 24	Caldwell, Charles H.....	Damages by collision between the plaintiff's canal-boat "Bertha" and Dock Department Tug "Pier," December 7, 1893, at foot of 55th street, North river, \$188.14.
"	45 298	" 24	Sheehy, Edward C., and Patrick Sheehan.....	That assessment for regulating, etc., 1st avenue, between 92d and 109th streets, be declared void and to recover amount, \$3,179.50.
"	45 299	" 25	Flynn, Joseph A.....	Balance claimed as assignee of Thomas Kelly under contract for regulating, etc., Birch street, from Wolf street to Marcher avenue, \$1,026.25, and for extra work done, \$5,822.70, making in all, \$6,848.95.
Supreme...	45 300	" 25	Hahn, Michael.....	Salary as Inspector of Weights and Measures for the month of February and ten days in March, 1892, at \$1,500 per annum, \$165.
"	45 301	" 25	Betts, Frederick H., E. Hindon Hyde and Samuel R. Betts, composing the firm of Betts, Atterbury, Hyde & Betts.....	For professional services during the year 1893 in patent cases of Christopher C. Campbell and William A. Brickill vs. The Mayor, etc., \$7,943.64.
"	45 302	" 25	Fanning, George W., Thomas M. Fanning and William Fanning, Jr., executors, etc., of William Fanning, deceased.....	That assessment for Boulevard sewers, between 106th and 153d streets, on premises Ward Nos. 1, 2, 3 and 4, Block 1103, be declared void, etc., and that plaintiff recover the amount paid therefor, \$982.71.
8th Jud. District	45 303	" 26	Claggett, James M., vs. The Board of Education of the City of New York.....	Summons for the sum of \$35 served.
Supreme...	45 304	" 26	Volkering, Bertha, ex rel., vs. Charles P. Chipp, as acting Clerk of Arrears and Collector of Assessments of the City of New York.....	Mandamus to compel the Clerk of Arrears to accept payment of taxes for the years 1882, 1883, 1884 and 1885, on block Ward No. 37, Block 444, Nineteenth Ward.
"	45 305	" 26	McLoughlin, Peter P.....	For transcript of Stenographer's notes furnished the District Attorney between July and November, 1892, \$906.40.
"	45 306	" 26	Anderson, William.....	For transcript of Stenographer's notes furnished the District Attorney during the month of November, 1893, \$137.53.
"	45 308	" ..	Gifford, Emuel L., as assignee of B. F. Sturtevant Co., vs. The Mayor, etc., James Carraher, Patrick Carraher, Jr., B. Waddell, Entz Co. and the Metropolitan Service Co.....	To foreclose lien for materials furnished to defendants and used in the construction of portion of new grammar school at corner of Mulberry and Bayard streets, in June, 1893, \$850.

SCHEDULE "B."

ORDERS AND JUDGMENTS ENTERED.

In the matter of John Rooney, an alleged lunatic—Order entered substituting James C. Brady, Esq., as the attorney for the petitioner.
People ex rel. Henry Keteltas vs. The Comptroller, etc.—Order entered granting the motion for a peremptory writ of mandamus.
William H. Thomson—Order entered granting motion to place on short cause calendar.
In the matter of John Rooney, an alleged lunatic—Order entered directing the issuance of a commission in lunacy.
People ex rel. The Standard Gas-light Company vs. Thomas F. Gilroy, Commissioner of Public Works—Judgment of affirmance entered on remittur and for \$240.35 costs.
Albert Tilt vs. Thomas J. Riley et al.—Order entered continuing the injunction in full force until final judgment.
The Mayor, etc. vs. The New York Refrigerating and Cold Storage Company et al.—Judgment entered in favor of the defendant Koenigsberg, dismissing the complaint and for \$108.20 costs and disbursements.
In the matter of George H. Scott, trustee, etc.—Order entered confirming the Referee's report and directing payment of the award.
People ex rel. John Miller vs. The Justices of the Court of General Sessions—Order entered denying the motion for a writ of mandamus, with \$10 costs.
In re. Huldah Eisenprice et al. (Fourth avenue regulating, etc.)—Order entered granting the motion to amend the order of January 15, 1880, by adding Ward No. 70, Block No. 409, and vacating the assessment thereon.
In the matter of Amelia Bauer, a supposed lunatic—Order entered confirming the inquisition and providing for the removal of the lunatic from care of the Commissioners of Charities and Correction.
Delia Lunney, administratrix et al. (No. 2)—Judgment entered in favor of the City dismissing the complaint and for \$115.82 costs and disbursements.
People ex rel. The American Bible Society vs. The Commissioners of Taxes and Assessments—Order entered granting the motion for a peremptory writ of mandamus.
People ex rel. The Standard Gas-light Company vs. Michael T. Daly, Commissioner of Public Works—General Term order of affirmance entered with \$50 costs and printing disbursements.
Adolph Bernstein—Judgment entered in favor of the plaintiff for \$235.
People ex rel. James G. Long; Patrick Heyburn; Daniel Kelly; Patrick Murray vs. The Board of Park Commissioners—Orders entered discontinuing the proceedings without costs.
People ex rel. Edward Baker vs. The Commissioners of Taxes and Assessments—Order of reference entered to Sherman W. Knevals, Esq.
Henry Merzbach—Order entered denying the motion for a new trial on the minutes.
People ex rel. The Thurber-Whyland Company vs. The Commissioners of Taxes and Assessments—Order on remittur entered.
People ex rel. Patrick Ginley vs. The Board of Police Commissioners—Order entered dismissing the writ of certiorari without costs.
People ex rel. Royal Baking Powder Company vs. The Commissioners of Taxes and Assessments—Order entered reducing the assessment for the year 1893 to the sum of \$167,800.
The Yellow Pine Company—Order entered discontinuing the action without costs.

SCHEDULE "C."

SUITS AND SPECIAL PROCEEDINGS TRIED AND ARGUED.

People ex rel. The American Bible Society vs. The Commissioners of Taxes and Assessments—Motion for a writ of mandamus argued before Barrett, J.; decision reserved; J. M. Ward for the City.
People ex rel. Henry Keteltas, as trustee, etc., vs. The Comptroller—Motion for a writ of mandamus argued before Barrett, J.; motion granted; D. J. Dean for the City.
In the matter of Frederick Booss (One Hundred and Sixty-seventh street opening award)—Motion for payment of award into court and for reference made before Barrett, J.; motion granted; C. A. O'Neil for the City.
In re Huldah Eisenprice (Fourth avenue regulating, etc., from One Hundred and Sixteenth to One Hundred and Twenty-fourth street)—Motion to amend former order made before Barrett, J.; motion granted; G. L. Sterling for the City.
In the matter of the estate of John Ittner, deceased—Reference proceeded and adjourned to January 25, 1894; C. A. O'Neil for the City.
In the matter of Jacob Lorillard et al.—Hearing before the Commissioners proceeded and adjourned to January 26, 1894; C. D. Olendorf for the City.
In the matter of the Fort Washington Ridge Road—Hearing before the Commissioners appointed by the Mayor proceeded and adjourned to February 3, 1894; E. H. Hawk, Jr., for the City.
James H. Sullivan—Reference proceeded and adjourned February 2, 1894; T. Connolly for the City.
In the matter of the estate of John Ittner, deceased—Reference proceeded and adjourned to January 29, 1894; C. A. O'Neil for the City.

Joseph Gallo—Motion to sever the action made before Barrett, J.; motion granted; S. J. Cowen for the City.
John J. Jones et al. vs. James A. Striker et al.—Motion for the appointment of a referee made and granted; T. E. Rush for the City.
In the matter of Jacob Lorillard et al.—Hearing before the Commissioners proceeded and adjourned to January 31, 1894; G. Landon for the City.
WM. H. CLARK, Counsel to the Corporation.

FINANCE DEPARTMENT.

Abstract of transactions of the Finance Department for the week ending February 10, 1894:

<i>Deposited in the Treasury.</i>	
To the Credit of the Sinking Fund.....	\$130,149 32
City Treasury.....	632,661 34
Total.....	\$762,810 66
<i>Bonds and Stock Issued.</i>	
Three per cent. Bonds.....	\$35,000 00
Three per cent. Stock.....	210,000 00
Total.....	\$245,000 00

<i>Warrants Registered for Payment.</i>	
The Finance Department—	
Cleaning Markets.....	\$752 10
Contingencies—Comptroller's Office.....	184 34
Revenue Bond Fund—Compilation of Arrears of Taxes and Assessments.....	874 94
	\$1,811 38

The Aqueduct Commissioners—	
Additional Water Fund.....	1,557 00

The Law Department—	
Contingencies—Law Department.....	339 76

The Department of Public Works—	
Additional Water Fund—City of New York.....	\$4,172 87
Aqueduct—Repairs, Maintenance and Strengthening.....	3,417 82
Boring Examinations for Grading and Sewer Contracts.....	69 00
Boulevards, Roads and Avenues, Maintenance of.....	1,369 30
Bridge over the Harlem River at Third Avenue.....	1,803 99
Bridge over the Harlem Ship Canal at Kingsbridge Road.....	98 00
Bronx River Works—Maintenance and Repairing.....	363 50
Criminal Court-house Fund.....	162 00
Contingencies—Department of Public Works.....	100 00
Croton Water Fund.....	602 25
Free Floating Baths.....	122 19
Lamps and Gas and Electric Lighting.....	3,086 62
Laying Croton Pipes.....	17,450 45
Public Buildings—Construction and Repairs.....	5,527 39
Removing Obstructions in Streets and Avenues.....	117 50
Repairing and Renewal of Pipes, Stop-cocks, etc.....	3,997 65
Repairs and Renewal of Pavements and Regrading.....	3,979 91
Repaving, Chapter 35, Laws of 1892.....	206 45
Repaving, Chapter 346, Laws of 1889.....	1,757 07
Restoring and Repaving—Special Fund—Department of Public Works.....	1,648 68
Roads, Streets and Avenues Unpaved—Maintenance of and Sprinkling.....	164 00
Salaries—Department of Public Works.....	1,463 50
Sewers—Repairing and Cleaning.....	2,029 61
Street Improvement Fund, June 15, 1886.....	15,738 02
Street Improvements—For Surveying, Monumenting and Numbering Streets.....	100 00
Supplies for and Cleaning Public Offices.....	2,378 33
Water-main Fund.....	84 00
	72,010 10

The Department of Public Parks—	
American Museum of Natural History—Erection of East Wing.....	\$32,589 23
Bridge over the Harlem River at One Hundred and Fifty-fifth Street, Construction of.....	137 73
Castle Garden in Battery Park, Equipment of.....	440 78
Castle Garden in Battery Park, Improvement of.....	4,450 96
Central Park—Approaches to Museum of Art.....	399 43
Central Park—Construction of Entrance at West Ninetieth Street.....	261 64
Central Park—Improvement of Northwest Corner.....	166 54
East River Park, Improvement of.....	8,529 28
Harlem River Bridges—Repairs, Improvements and Maintenance, Improvement and Maintenance of Parks in Twenty-third and Twenty-fourth Wards.....	722 68
Maintenance and Government of Parks and Places.....	4,960 46
Metropolitan Museum of Art—Electric Plant for North Extension.....	9,540 94
Morningside Park and Avenue, Improvement and Maintenance of.....	157 44
Morningside Park, Improvement and Maintenance of.....	7 50
Mount Morris Park—Construction of Coping and Railing.....	48 39
Parks outside of Twenty-third and Twenty-fourth Wards, Improvement and Maintenance of.....	898 09
Public Driveway, Construction of.....	40 32
Riverside Park and Avenue, Seventy-second Street and One Hundred and Twenty-second Street, Improvement and Maintenance of.....	264 23

The Department of Street Improvements—Twenty-third and Twenty-fourth Wards—	
Maintenance—Twenty-third and Twenty-fourth Wards.....	\$215 30
Maps and Profiles—Twenty-third and Twenty-fourth Wards.....	1,209 93
Repaving Third Avenue, from Harlem River to East One Hundred and Seventieth Street.....	682 94
Sewers and Drains—Twenty-third and Twenty-fourth Wards.....	55 53
Street Improvement Fund, June 15, 1886.....	19,993 41
Surveying, Laying-out, Maps, Plans, etc.—Twenty-third and Twenty-fourth Wards.....	2,834 02
	24,991 13

The Department of Public Charities and Correction—	
Public Charities and Correction.....	\$20,675 18
Ward's Island and Central Islip—For Construction of Buildings for Insane.....	40,000 00
	60,675 18

The Health Department—	
For Burial of Honorably Discharged Soldiers, Sailors or Marines.....	\$140 00
For Removal of Night-soil, Offal and Dead Animals.....	3,000 00
Health Fund—For Disinfection.....	85 00
Health Fund—For Law Expenses.....	166 66
Hospital Fund—Hospital Supplies, Improvements, Care and Maintenance of Buildings and Hospitals on North Brother Island.....	654 43
	4,046 09

The Police Department—	
For Construction of a Station-house, Lodging-house and Prison for Eighth Precinct.....	\$1,028 00
Police Station-houses—Rents.....	500 00
	1,528 00

The Department of Street Cleaning—	
Cleaning Streets—Department of Street Cleaning.....	47,409 98

The Fire Department—	
Fire Department Fund.....	\$7,300 44
Fire Department—Bureau of Buildings Fund.....	886 50
	8,186 94

The Department of Buildings—	
Department of Buildings—Special Fund.....	\$344 00
The Department of Docks—	
Dock Fund.....	61,896 23
The Board of Education—	
College of the City of New York.....	\$113 33
Public Instruction.....	14,657 65
School-house Fund.....	69,150 00
The Normal College.....	7 75
	83,928 73

The Commissioners of Excise—	
Commissioners of Excise Fund.....	733 00
Printing, Stationery and Blank Books—	
Printing, Stationery and Blank Books.....	157 08

The Coroners—	
Coroners—Salaries and Expenses.....	744 14

The Sheriff—	
Salaries—Sheriff's Office.....	397 40

The Bureau of Elections—	
Election Expenses.....	16,452 30

Charitable Institutions—	
Buffalo State Hospital.....	\$49 29
For the Support of Children Committed by Police Magistrates, etc.....	63,415 30
Hebrew Sheltering Guardian Society.....	7,275 69
Hudson River State Hospital.....	991 61
	71,731 89

Miscellaneous Purposes—	
Advertising.....	\$134 15
Armories and Drill-rooms—Rents.....	3,000 00
Armory Fund—Ninth Regiment.....	852 00
Change of Grade Damage Commission—Twenty-third and Twenty-fourth Wards.....	766 83
Contingencies—District Attorney's Office.....	1,156 28
Dog License Fund.....	56 00
For Allowance to the Aguilar Free Library Society, for Library Purposes.....	833 33
For Allowance to the General Society of Mechanics and Tradesmen, for Apprentices' Library.....	833 33
For Allowance to the New York Free Circulating Library, for Library Purposes.....	1,666 66
Fund for Street and Park Openings.....	10,000 00
Judgments.....	11,351 01
New York Columbian Celebration Fund.....	1,296 75
Real Estate, Expenses of.....	6 00
Refunding Taxes Paid in Error.....	128 02
Rents.....	14,427 50
Unclaimed Salaries and Wages.....	33 50
Ward's Island Purchase.....	109,961 52
	156,502 88

Total.....\$679,602 50

SUITS, ORDERS OF COURT, JUDGMENTS, ETC.

COURT.	NAME OF PLAINTIFF.	AMOUNT.	NATURE OF ACTION.	ATTORNEY.
Superior..	Edward O'Shea.....	\$125 00	Transcript of judgment.....	H. B. Twombly.
"	Charles Jones and another, assignees.	11,340 00	Summons and complaint. For amount claimed to be due under contract of Charles W. Collins, for regulating, etc., Burnside avenue, from Sedgwick to Webster avenue.	E. Hassett.
Com.Pleas	Theodore F. Tone and another vs. The Mayor, etc., Benjamin J. Carr, Jr., and others.....	372 68	Complaint. To foreclose lien for materials furnished under contract of said Carr, for regulating, etc., Claremont avenue, between One Hundred and Twenty-second and One Hundred and Twenty-seventh streets.....	D. Daly.
Supreme..	Frederick Donohue..	284 16	Transcript of judgment.....	R. Foster.
Superior..	Leonore Rosenthal...	10,000 00	Summons and complaint. For damages for personal injuries.....	A. Finelite.
Com.Pleas	Jeremiah Mahoney...	100 00	Transcript of judgment.....	M. F. Neville.
Supreme..	In the matter of opening Forest avenue, from Home to One Hundred and Sixty-eighth street.		Notice of motion to confirm report of Commissioners in said matter.....	W. H. Clark, Corporation Counsel.
"	In the matter of opening Macomb's street, from Broadway to Bailey avenue.....		Notice of motion to confirm report of Commissioners in said matter.....	W. H. Clark, Corporation Counsel.

CLAIMS FILED.

DATE.	NAME OF CLAIMANT.	AMOUNT.	NATURE OF CLAIM.	ATTORNEY.
Feb. 5	Peter Quinn.....	\$276 00	For salary as an Inspector of Masonry on the New Aqueduct, from March 28 to May 29, 1888.....	S. J. O'Hare.
" 6	Peter L. Bretz.....	600 00	For damages for loss of two horses killed by falling into a trench at Broadway and Forty-third street.....	C. J. Kracht.
" 6	The McKittrick Typographic Process Co....	92 50	For printing proceedings on Motion Calendar of the Surrogates' Court, between June and December, 1893.....	M. C. Foley.
" 6	Sarah Levy.....	15,000 00	For damage to premises No. 102 West Ninety-eighth street by reason of the erection and operation of a pumping station adjoining said property.....	L. J. Morrison.
" 7	George F. Stebbins....	478 00	For salary as an Inspector in the Bureau of Street Improvements, Department of Public Works, between January 1 and September 1, 1888.....	Carrere & Leakin.
" 7	The Equitable Gas-light Co.....	28,250 86	For return of amounts paid November 8, 1893, for various assessments on premises in the Nineteenth Ward.....	T. H. Baldwin.
" 7	Thomas Tobin.....	10,000 00	For damages for personal injuries.....	W. W. Bahan.
" 7	David L. Chadeayne...	3,800 00	For destroying barns, stable and buildings on claimant's farm in Town of Yorktown, Westchester County.....	
" 8	Charles Martin.....	173 48	For return of amounts paid for an assessment for Morris avenue regulating, etc., from One Hundred and Thirty-eighth to One Hundred and Fifty-fifth street.....	T. H. Baldwin.
" 8	Adolph Kuster.....	393 71		"
" 9	Florence Farrell.....	10,000 00	For damages for personal injuries.....	S. C. Baldwin.
" 10	Bridget Maloney.....	10,000 00	"	L. Steckler.
" 10	Margaret Lambert....	500 00	For award made for Ward No. 16, Block 1674, in the matter of regulating, etc., Westchester avenue, from North Third to Prospect avenue.....	W. H. Peirce.

No.	DATE OF CONTRACT.	DEPARTMENT.	NAMES OF CONTRACTORS.	NAMES OF SURETIES.	AMOUNT OF BOND.	DESCRIPTION OF WORK.	COST.
13544	Feb. 2, 1894	Public Parks.....	James D. Leary.....	{ John G. Moore..... John Good..... }	\$250,000 00	Constructing a public driveway and appurtenances in the Twelfth Ward, between One Hundred and Fifty-fifth street and High Bridge. Estimate	\$629,916 10
13545	Jan. 23, "	Public Charities and Correction..	W. H. Schieffelin & Co.....	{ John B. McPherson..... W. S. Pfender..... }	2,200 00	Furnishing and delivering hospital supplies, viz.: 1,300 ounces of phenacetin, 900 ounces of sulfonal, 600 ounces of aristol, 40 barrels of Norwegian cod liver oil and 20 gross of graduated medicine glasses..... Total	4,090 00
13546	" 24, "	" " ..	William T. Gillott, Jr.....	{ J. E. Nichols..... John C. McCarthy..... }	5,900 00	Furnishing and delivering groceries, viz.: 47,300 pounds of Oolong tea, 8,940 pounds of chicory, 3,330 pounds of whole pepper, 98,650 pounds of rice, 2,670 pounds of tapioca and 1,360 bushels of beans..... Total	11,653 18
13547	Feb. 5, "	Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards.....	J. S. Rogers.....	{ Thomas Rogers..... William Cauldwell..... }	11,000 00	Constructing sewer and appurtenances in Vanderbilt avenue, East, from Wendover avenue to One Hundred and Seventy-third street, and in One Hundred and Seventy-second street, between Vanderbilt avenue, East, and Third avenue, and in Third avenue, between Wendover avenue and One Hundred and Seventy-third street..... Estimate	17,209 33
13548	" 5, "	Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards.....	"	{ Thomas Rogers..... Charles A. Edel..... }	8,000 00	Constructing sewer and appurtenances in One Hundred and Seventy-fourth street, between Third avenue and Vanderbilt avenue, East, with branches in Washington avenue, between One Hundred and Seventy-third and One Hundred and Seventy-fourth streets; in Bathgate avenue, between One Hundred and Seventy-third street and summit north of One Hundred and Seventy-fourth street, and in Third avenue, between One Hundred and Seventy-third and One Hundred and Seventy-fourth streets..... Estimate	13,316 13
13549	" 5, "	Public Parks.....	The Passaic Rolling Mill Company of Paterson, N. J.....	{ American Surety Company of New York..... United States Guarantee Company..... }	25,000 00	Construction of a viaduct approach, from Ogden and Sedgwick avenues to connect with Jerome avenue approach to New Macomb's Dam Bridge, over the Harlem river, now being built..... Estimate	99,225 50
13550	" 1, "	Docks.....	Barth S. Cronin, of Brooklyn, N. Y.....	{ Charles A. Brown..... Alfred J. Murray..... }	4,000 00	Repairing the pier at the foot of West Forty-fourth street, North river..... Total	8,239 00
13551	" 3, "	"	Moquin & Offerman.....	{ Peter Alexander..... Mark Ash..... }	2,000 00	Furnishing and delivering about 1,200 tons of anthracite coal..... Estimate	5,016 00
13552	" 1, "	Public Charities and Correction..	Hugo Josephy.....	{ Moses Heyman..... Edward Davis..... }	1,200 00	Furnishing and delivering Christmas poultry for 1893, viz.: 18,452 pounds of chickens and 4,613 pounds of turkeys..... Total	1,902 86
13553	" 1, "	" " ..	Joseph Marren.....	{ Edward Coyne..... Edward McDonald..... }	1,500 00	Furnishing materials and work required in the reconstruction of portions of buildings, etc., etc., of Fifty-seventh Street Prison..... Total	2,146 00
13554	" 2, "	" " ..	The Manhattan Supply Company.....	{ James S. Barron..... William H. Barron..... }	17,000 00	Furnishing and delivering dry goods, viz.: 85,000 yards of bandage muslin, 3,450 yards of bleached muslin, 4/4; 2,400 yards of bleached muslin, 8/4; 8,500 yards of shroud muslin, 11,000 yards of furniture check, 8,160 yards of cotton check, 4,600 yards of huckabuck toweling, 14,000 yards of Canton flannel, 2,300 yards of red flannel, 2,400 yards of white flannel, 935 yards of blue flannel, 14,400 yards of blue denim, 2,300 yards of brown denim, 16,850 yards of calico, 6,000 pairs of colored blankets, 763 yards of cotton canvas, No. 10; 170 yards of cotton canvas, No. 4; 1,615 dozen pairs of men's cotton socks, 43 dozen pairs of boys' cotton socks, 85 dozen pairs of boys' stockings, 128 dozen pairs of girls' stockings, 1,877 toilet quilts, and 638 women's shawls..... Total	31,421 21
13555	" 2, "	" " ..	The Manhattan Supply Company.....	{ James S. Barron..... William H. Barron..... }	10,000 00	Furnishing and delivering dry goods, etc., for the Insane Asylums, viz.: 5,500 yards of bleached muslin, 15,000 yards of canton flannel, 2,500 yards of red flannel, 10,000 yards of blue denim, 40,000 yards of Otis check, 10,000 yards of seersucker, 2,000 white toilet quilts, 1,000 pairs women's woolen mitts, 3,500 pairs woolen blankets, 250 pairs of men's leather boots, and 1,500 yards of shroud muslin..... Total	18,741 85
13556	" 5, "	" " ..	Henry S. Dale.....	{ J. Howard Sweetser..... George D. Sweetser..... }	2,000 00	Furnishing and delivering dry goods for the Insane Asylums, viz.: 40,000 yards of ginghams, "Johnson Manufacturing Company"..... Total	2,796 00
13557	" 5, "	" " ..	Peter J. McIntyre.....	{ Francis M. Bacon, Jr..... George J. Bernhard..... }	3,200 00	Furnishing and delivering dry goods, viz.: 26,500 yards of U. G. cassimere..... Total	6,320 25
13558	" 5, "	" " ..	Julius Rosenfeld.....	{ Isaac Rosenthal..... Julius Valenstein..... }	1,300 00	Furnishing and delivering clothing for the Insane Asylums, viz.: 500 men's pea-jackets and 800 men's overcoats..... Total	2,541 50
13559	" 5, "	" " ..	Eugene Searles.....	{ George J. Bernhard..... John S. Bernhard..... }	750 00	Furnishing and delivering 575 Attendants' summer blouses for the Insane Asylums..... Total	1,339 75
13560	" 7, "	" " ..	Bloomington Bros.....	{ David E. Sicher..... Marcus A. Bettman..... }	8,400 00	Furnishing and delivering dry goods, viz.: 85,000 yards of bandage muslin, 3,450 yards of bleached muslin, 8,500 yards of shroud muslin, 11,290 yards of cottonade, 10,280 yards of hickory stripes, 9,350 yards of awning stripes, 13,860 yards of crash toweling, 14,650 yards of cotton jean, 2,000 yards of prison cloth, 25,250 yards of ticking, 1,360 yards of linen diaper, 850 pieces of crinoline, 10,000 pounds of cotton batts and 2,890 pounds pure South American curled hair..... Total	15,250 55
13561	" 7, "	" " ..	"	{ David E. Sicher..... Marcus A. Bettman..... }	8,700 00	Furnishing and delivering dry goods for the Insane Asylums, viz.: 70,000 yards of brown muslin, 36 inches; 30,000 yards of brown muslin, 48 inches; 5,500 yards of bleached muslin, 36 inches; 2,000 yards of ticking, 20,000 yards of crash roller toweling, 4,000 yards of huckabuck toweling, 20,000 yards of Kentucky jean, 20,000 yards of cottonades, 3,500 yards of crash dish-toweling and 1,500 yards of shroud muslin. Total	16,560 65
13562	" 7, "	" " ..	George W. Winant & Son..	{ Richard Fitzpatrick..... George Hayes..... }	6,000 00	Furnishing and delivering 2,000 tons of fresh-mined white ash stove coal to the out-door poor..... Total	10,800 00

NAME.	ADDRESS.	ASSESSED VALUATION.	TAX REMITTED.
John J. Briery	One Hundred and Forty-eighth street and Brook avenue	\$3,000 00	\$54 60

February 5. For furnishing the Department of Public Works with 10,700 tons coal and 10 tons of
cannel coal.

W. D. Bruns, Jr., No. 141 East Twenty-sixth street, Principal.	{ Sureties.
Andrew Koch, No. 208 East Thirtieth street,	
John F. Hanley, No. 326 Avenue A,	

George T. Noe, No. 143 Liberty street, Principal.
 Clarence L. Smith, No. 10 Hampden street,
 John White, No. 67 East One Hundred and Twenty-eighth street, } Sureties.

February 6. For furnishing, operating and maintaining electric lamps, from January 1 to December 31, 1894, for lighting such streets or parts of streets, parks and public places, as may be determined upon by the Mayor, Comptroller and Commissioner of Public Works after the estimates are opened.

Harlem Lighting Company, Principal.
Lewis M. Hornthal, No. 6 East Seventy-eighth street, } Sureties.
Carrie Hornthal, No. 6 East Seventy-eighth street,
Edison Electric Illuminating Company, Principal.
Lewis M. Hornthal, No. 6 East Seventy-eighth street, } Sureties.
Carrie Hornthal, No. 6 East Seventy-eighth street,
Manhattan Electric Light Company, Principal.
Lewis M. Hornthal, No. 6 East Seventy-eighth street, } Sureties.
Carrie Hornthal, No. 6 East Seventy-eighth street,

February 6. For regulating and paving, with asphalt pavement, on the present stone-block pavement, Exchange place, from Broad to New street, and Hester street, from Bowery to Division street.

Sicilian Asphalt Paving Company, Times Building, Principal.
Henry Bolze, Times Building,
Fritz Handrich, No. 311 East Fifty-sixth street, } Sureties.

February 7. For furnishing the Department of Public Charities and Correction with dry goods.
P. Cavanagh, No. 131 Reade street, Principal.
William K. Demorest, No. 48 Murray street, } Sureties.
Moses Valenstein, No. 74 Reade street,

February 8. For furnishing the Department of Public Charities and Correction with dry goods.
Manhattan Supply Company, No. 141 Chambers street, Principal.
James S. Barron, No. 329 West Twenty-second street, } Sureties.
William H. Barron, No. 320 West Seventy-seventh street,

February 8. For furnishing the Department of Public Charities and Correction with coal.
George W. Winant & Son, No. 410 West Nineteenth street, Principal.
George Hayes, No. 71 Eighth avenue,
Richard Fitzpatrick, No. 408 West Thirteenth street, } Sureties.

Removed.

February 7. John McNamee, Cartman in the Public Markets.

Appointed.

February 8. Michael Flood, Cartman in the Public Markets, with compensation at rate of \$3.50 per diem.

RICHARD A. STORRS, Deputy Comptroller.

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.
DANIEL M. DONEGAN, Second Marshal.

COMMISSIONERS OF ACCOUNTS.

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

AQUEDUCT COMMISSIONERS.

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

BOARD OF ARMY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
Address: EDWARD P. BARKEE, Stewart Building. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMON COUNCIL.

Office of Clerk of Common Council.

No. 8 City Hall, 9 A. M. to 4 P. M.
GEORGE B. McCLELLAN, President Board of Aldermen.
MICHAEL F. BLAKE, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS.

No. 31 Chambers street, 9 A. M. to 4 P. M.
MICHAEL 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); NICHOLAS R. O'CONNOR, Superintendent of Street Openings (Room 14).

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

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

DEPARTMENT OF BUILDINGS.

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

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
ASHBEL P. FITCH, Comptroller; RICHARD A. STORRS, Deputy Comptroller; EDGAR J. LEVEY, 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.
EDWARD GILON, Collector of Assessments and Clerk of Arrears.
No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
JOHN A. SULLIVAN, Collector of the City Revenue and Superintendent of Markets.
No money received after 2 P. M.

Bureau for the Collection of Taxes.
No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.
DAVID E. AUSTEN, Receiver of Taxes; JOHN J. McDONOUGH, Deputy Receiver of Taxes.
No money received after 2 P. M.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
JOSEPH J. O'DONOHUE, City Chamberlain.

Office of the City Paymaster.

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

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats 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. MACLEAM, JOHN McCLEAVE and JOHN C. SHEEHAN, Commissioners; WILLIAM H. KIPP, Chief Clerk; T. F. RODENBOUGH, Chief of Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.
HENRY H. PORTER, President; CHAS. E. SIMMONS, M. D., and EDWARD C. SHEEHY, Commissioners; GEORGE F. BRITTON, Secretary.
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.
Out-Door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.
JOHN J. SCANNELL, President; ANTHONY EICKHOFF and S. HOWLAND ROBBINS, Commissioners; CARL JUSSEN, Secretary.

HUGH BONNER, Chief of Department; PETER SERRY, Inspector of Combustibles; JAMES MITCHELL, Fire Marshal; WM. L. FINDLEY, Attorney to Department; J. ELLIOT SMITH, Superintendent of Fire Alarm Telegraph.
Central Office open at all hours.

HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES G. WILSON, President, and CYRUS EDSON, M. D., the PRESIDENT OF THE POLICE BOARD, ex officio and the HEALTH OFFICER OF THE PORT, ex officio Commissioners; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.
ABRAHAM B. TAPPEN, President; PAUL DANA, NATHAN STRAUS and GEORGE C. CLAUSEN, Commissioners; CHARLES DE F. BURNS, Secretary.

DEPARTMENT OF DOCKS.

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

DEPARTMENT OF TAXES AND ASSESSMENTS

Stewart Building, 9 A. M. to 4 P. M. Saturdays, 12 M.
EDWARD P. BARKEE, President; JOHN WHALEN and JOSEPH BLUMENTHAL, Commissioners. FLOYD T. SMITH, Secretary.

DEPARTMENT OF STREET CLEANING.

Criminal Court Building, Centre street, from Franklin to White street. Office hours, 9 A. M. to 4 P. M.
WILLIAM S. ANDREWS, Commissioner; JOHN J. RYAN, Deputy Commissioner; J. JOSEPH SCULLY, Chief Clerk.

BOARD OF ESTIMATE AND APPORTIONMENT

The MAYOR, Chairman; E. P. BARKEE (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER, PRESIDENT OF THE BOARD OF ALDERMEN and the COUNSEL TO THE CORPORATION, Members; CHARLES V. ADRE, Clerk.
Office of Clerk, Department of Taxes and Assessments Stewart Building.

SHERIFF'S OFFICE.

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

BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN THAT THE Board of Street Opening and Improvement will give a public hearing on the matter of the opening of One Hundred and Fifteenth, One Hundred and Sixteenth and One Hundred and Seventeenth streets, and the widening of One Hundred and Twentieth street, between Amsterdam avenue and the Boulevard, at a meeting of said Board, to be held on the 24 day of March, 1894, at the Mayor's office, at 11 o'clock A. M.
Dated New York, February 20, 1894.
V. B. LIVINGSTON, Secretary.

PUBLIC POUND.

NOTICE.

TO BE SOLD AT THE PUBLIC POUND, NO. 2354 Arthur avenue, Fordham, on Thursday, February 22, 1894, at 10 A. M., one Bay Horse, 17 hands high.

MICHAEL DONOHUE, Pound Master.

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING, CRIMINAL COURT BUILDING, NEW YORK, February 13, 1894.

PUBLIC NOTICE IS HEREBY GIVEN THAT the following articles, the property of the Department of Street Cleaning, will be sold at Public Auction, at Stable "A" of said Department, Seventeenth street and Avenue C, on Monday, February 26, 1894, at 1 o'clock P. M.

7,000 pounds of old Horseshoes, more or less.
7,000 pounds of old Scrap Iron, more or less.
12,000 pounds of old Rope, more or less.
4 old light Wagons.
25 old Horse Collars, more or less.
1 horse, No. 6; 1 horse, No. 28; 1 horse, No. 75; 1 horse, No. 54; 1 horse, No. 57; 1 horse, No. 59; 1 horse, No. 78; 1 horse, No. 82; 1 horse, No. 121; 1 horse, No. 152; 1 horse, No. 154; 1 horse, No. 155; 1 horse, No. 156; 1 horse, No. 176; 1 horse, No. 241; 1 horse, No. 358; 1 horse, No. 688; 1 horse, No. 772; 1 horse, No. 179; 1 horse, No. 19; 1 horse, No. 73; 1 horse, No. 130; 1 horse, No. 102; 1 horse, No. 7; 1 horse, No. 99; 1 colt, about 8 months old.

TERMS OF SALE.

The purchase money to be paid in bankable funds at the time of sale, or the articles will be resold. Purchasers will be required to remove their articles from the stables within twenty-four hours after sale. Information in relation to the articles to be sold may be obtained from the Superintendent of Stables, at Stable "A," Seventeenth street and Avenue C.

WILLIAM S. ANDREWS, Commissioner of Street Cleaning.

DEPARTMENT OF STREET CLEANING, CITY OF NEW YORK, NEW CRIMINAL COURT BUILDING, CENTRE STREET, NEW YORK, January 14, 1894.

PROPOSALS WILL BE RECEIVED AT THE Department of Street Cleaning until 12 o'clock noon of Wednesday, February 28, 1894, to furnish twenty (20) horses, or any part thereof, to the Department of Street Cleaning. The horses to be not less than six (6) years nor more than eight (8) years of age, of not less than fourteen hundred (1,400) pounds weight, sound and kind, and broken to harness; thirty days to be allowed for trial; any of such horses to be returned within that time if not satisfactory. No bill to be paid before thirty (30) days after purchase. Proposals should state the number of horses that can be furnished, and the price of each, and where and when the horses can be seen and examined. The Department to take all or a part of the horses offered in any one proposal, as may be determined.

WILLIAM S. ANDREWS, Commissioner of Street Cleanings.

FINANCE DEPARTMENT.

ASSESSMENT NOTICES.

ASSESSMENTS FOR STREET IMPROVEMENTS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all owners of property and all persons affected by the following entitled assessments, confirmed by the Board of Revision and Correction of Assessments January 26, 1894, and entered on the same date in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," viz.:

SECOND WARD.

BEEKMAN STREET—BASIN, alteration and improvement, on the northwest corner of Nassau street. Assessment on Ward Nos. 1020 and 1021.

NINTH WARD.

GREENWICH AVENUE—CROSSWALKS, at intersection of Bank street. Assessment on Ward Nos. 3011 D to F, 3017 to 3024, 3238 to 3244, 3550 to 3550 C and 3551.

ELEVENTH WARD.

SHERIFF STREET—BASIN on the southwest corner of Second street. Assessment on north side Houston and south side Second street, between Avenue "C" and Sheriff street.

LEWIS STREET—SEWERS, alteration and improvement, between Rivington and Stanton streets. Assessment on both sides of Lewis street, between Rivington and Stanton streets.

TWELFTH WARD.

AMSTERDAM AVENUE—FLAGGING and CURBING, east side, from One Hundred and Forty-third to One Hundred and Forty-fourth street. Assessment on Block 1073.

BOULEVARD—CROSSWALKS at northerly and southerly sides of Ninety-sixth street. Assessment on blocks 1137 and 1138.

BOULEVARD—CROSSWALKS at northerly and southerly sides of One Hundred and Second street. Assessments on blocks 1143 and 1144.

HANCOCK PLACE—CROSSWALKS, from a point

on the southerly side of One Hundred and Twenty-fourth street, 209 feet east of Columbus avenue, to a point on the northerly side of One Hundred and Twenty-fourth street, 88 feet west of St. Nicholas avenue. Assessment on blocks 935 and 936.

ST. NICHOLAS AVENUE—CROSSWALKS, at the northerly and southerly sides of One Hundred and Nineteenth street. Assessment on blocks 819 and 820.

EIGHTY-SEVENTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, north side, 100 feet west of Park avenue, extending 50 feet. Assessment on Block 472.

EIGHTY-NINTH STREET—FENCING northwest corner of Avenue B. Assessment on Block 52.

EIGHTY-NINTH STREET—FENCING, on the southeast corner of Madison avenue, 100 feet on Madison avenue and 125 feet on Eighty-ninth street. Assessment on Block 473.

NINETY-SECOND STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, south side, from Central Park, West, to Columbus avenue. Assessment on Block 903.

NINETY-FOURTH STREET—FLAGGING and REFLAGGING, south side, from Central Park, West, to Columbus avenue. Assessment on Block 905.

NINETY-NINTH STREET—FLAGGING and REFLAGGING, south side, from Amsterdam avenue to the Boulevard. Assessment on Block 1140.

ONE HUNDRED AND FIFTH STREET—BASIN, south side, between Harlem river and First avenue. Assessment on Blocks 132 and 133.

ONE HUNDRED AND FIFTH STREET—BASIN, north side, between First avenue and Harlem river. Assessments on Blocks 134 and 135.

ONE HUNDRED AND FIFTH STREET—FENCING, north side, between Park and Madison avenues. Assessment on Block 490.

ONE HUNDRED AND SIXTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, from First to Third avenue. Assessment on Blocks 221, 222, 309 and 310.

ONE HUNDRED AND ELEVENTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, north side, from Seventh to St. Nicholas avenue, west side of St. Nicholas avenue, from One Hundred and Eleventh to One Hundred and Twelfth street. Assessment on Block 608.

ONE HUNDRED AND FOURTEENTH STREET—FENCING, south side, between Park and Madison avenues. Assessment on Block 408.

ONE HUNDRED AND FIFTEENTH STREET—FENCING, south side, from Madison to Fifth avenue. Assessment on Block 499.

ONE HUNDRED AND SEVENTEENTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, in front of Nos. 229 to 247, East. Assessment on Block 321.

ONE HUNDRED AND SEVENTEENTH STREET—PAVING, from Fifth to Lenox avenue, with granite blocks, and laying crosswalks. Assessment on Blocks 601 and 602.

ONE HUNDRED AND NINETEENTH AND ONE HUNDRED AND TWENTIETH STREETS, FIFTH AND LENOX AVENUES—FENCING blocks. Assessment on Block 604.

ONE HUNDRED AND NINETEENTH STREET—Fencing north side street numbers 107 to 145, west.

ONE HUNDRED AND THIRTY-SECOND STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, both sides from Broadway to Amsterdam avenue. Assessments on Blocks 1173 and 1174.

ONE HUNDRED AND THIRTY-THIRD STREET—FENCING, in front of street Nos. 237 and 239, West.

ONE HUNDRED AND THIRTY-SIXTH STREET—SEWER, between Fifth and Lenox avenues. Assessment on Blocks 620 and 621.

ONE HUNDRED AND FORTY-FIRST STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, both sides, from Amsterdam to St. Nicholas avenue. Assessment on Blocks 952, 953, 1067, and 1068.

ONE HUNDRED AND FORTY-SEVENTH STREET—SEWER, between Boulevard and Amsterdam avenue. Assessment on Blocks 1188 and 1189.

ONE HUNDRED AND FORTY-EIGHTH STREET—SEWER, between St. Nicholas and Amsterdam avenues. Assessment on Blocks 1074 and 1075.

ONE HUNDRED AND FIFTY-EIGHTH STREET—BASIN on the northeast corner of the Boulevard.

Assessment on Farm 5 D.

ONE HUNDRED AND SIXTIETH STREET—REGULATING, GRADING, CURBING and FLAGGING, from Eleventh avenue to Kingsbridge road.

Assessment on Farms 2 B, 2 C, 7 and 7 A.

ONE HUNDRED AND SIXTY-SECOND STREET—SEWERS, between Amsterdam avenue and Jumel Terrace, and in Jumel Terrace, between One Hundred and Sixtieth and One Hundred and Sixty-second streets. Assessment on Farm 53.

ONE HUNDRED AND SIXTY-SIXTH STREET—SEWER, between Amsterdam and Audubon avenues, with curves in Audubon avenue. Assessment on Farms 54, 54 B and 55.

FIFTEENTH WARD.

UNIVERSITY PLACE—SEWER between Clinton place and Ninth street. Assessment on University place, both sides, between Clinton place and Ninth street.

SEVENTEENTH WARD.

FIRST STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, between Bowery and Second avenue. Assessment on First street, both sides, between Bowery and Second avenue; also Bowery, east side, and Second avenue, west side, north of First street.

NINETEENTH WARD.

FORTY-FOURTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, on the southeast corner of Fifth avenue. Assessment on Block 428.

SECOND AVENUE—SEWER, alteration, between Seventy-first and Seventy-second streets, and in Seventy-first street, between Second and Third avenues. Assessment on Blocks 184, 185, 186, 187, 271, 272, 273, 274 and 275.

FIFTY-SEVENTH STREET—BASIN, northeast corner of Avenue A. Assessment on Block 20.

SEVENTY-SEVENTH STREET—FLAGGING and REFLAGGING, CURBING and RECURBING, both sides, from Madison to Fifth avenue. Assessment on Blocks 461 and 462.

EIGHTY-FIFTH STREET—FENCING on south side about 250 feet west of Second avenue. Assessment on Block 288.

TWENTY-FIRST WARD.

THIRTY-SEVENTH STREET—SEWER, between East river and First avenue, with outlet under Pier. Assessment on Ward Nos. 4918, 4919, 4921, 4924, 4924 1/2, 4924 3/4 and 4927.

TWENTY-SECOND WARD.

BOULEVARD—FLAGGING and REFLAGGING, west side, from Sixty-third to Sixty

J. SERGEANT CRAM,
JAMES J. PHELAN,
ANDREW J. WHITE,
Commissioners of the Department of Docks,
Dated NEW YORK, January 25, 1894.

(No. 467.)

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 State 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 included 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

THE COMMISSIONER OF PUBLIC WORKS
RESERVES THE RIGHT TO REJECT ALL BIDS
RECEIVED FOR ANY PARTICULAR WORK IF

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 with

Blank forms of proposals and specifications, which are to be strictly complied with, can be obtained on application at the office of the Department, and all information furnished.

Dated New York, February 15, 1894.

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

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.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees for the Twelfth Ward, at the Hall of the Board of Education, No. 146 Grand street, until 9.30 o'clock A. M. on Tuesday, March 6, 1894, for Heating and Ventilating the School Building on north side of One Hundred and Second street, between Second and Third avenues.

JOHN WHALEN, Chairman,
ANTONIO RASINES, Secretary,
Board of School Trustees, Twelfth Ward.
Dated New York, February 21, 1894.

Sealed proposals will also be received at the same place, by the School Trustees of the Twenty-fourth Ward, until Tuesday, March 6, 1894, at 4.30 o'clock P. M., for improving the new lot and premises of Grammar School Building No. 64 at Fordham.

ELMER A. ALLEN, Chairman,
THEODORE E. THOMSON, Secretary,
Board of School Trustees, Twenty-fourth Ward.
Dated New York, February 21, 1894.

Sealed proposals will also be received at the same place by the School Trustees of the Twelfth Ward, until 4 o'clock P. M., on Friday, March 2, 1894, for Heating and Ventilating the School Building on north side of One Hundred and Second street, between Second and Third avenues.

JAMES R. CUMING, Chairman,
RICHARD S. TREACY, Secretary,
Board of School Trustees, Twelfth Ward.
Dated New York, February 17, 1894.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor. The Trustees reserve the right to reject any or all of the proposals submitted.

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

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

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

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

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

COMMISSIONERS OF THE SINKING FUND.

1894.

TO CONTRACTORS.

PROPOSALS FOR FURNISHING MATERIALS AND PERFORMING WORK REQUIRED FOR THE FURNISHINGS AND ALTERATIONS IN THE COURTS OF GENERAL SESSIONS, SPECIAL SESSIONS, POLICE COURTS, NEW YORK SOCIETY FOR THE PREVENTION OF CRUELTY TO CHILDREN, DISTRICT ATTORNEY'S OFFICE, STREET CLEANING DEPARTMENT, BOARD OF EXCISE, IN THE NEW CRIMINAL COURT-HOUSE, ON THE BLOCK BOUNDED BY CENTRE, ELM, FRANKLIN AND WHITE STREETS, AS ADOPTED BY THE COMMISSIONERS OF THE SINKING FUND AT A MEETING HELD DECEMBER 4, 1893.

NOTE.—Bids will be received as follows:

1. Bids for the entire work as specified under their respective headings.
2. One bid including mason work, carpenter work, furniture, iron work, plumbing and gas-fitting work.
3. One bid including window shades and carpets, and linoleum.

SEALED ESTIMATES FOR THE ABOVE WORK. Indorsed with the above title, also with the name of the person or persons making the same, and the date of presentation, will be received at the office of the Comptroller, Rooms Nos. 14 and 15, Finance Department, Stewart Building, No. 280 Broadway, in the City of New York, until Tuesday, February 27, 1894, at 12 o'clock, M., at which place and hour the bids will be publicly opened by and in presence of the Commissioners of the Sinking Fund and read, and the award of the contract, if awarded, will be made to the lowest bidder, with adequate security, as soon thereafter as practicable. The person or persons to whom the contract may be awarded will be required to attend at the office of the Department of Public Works, 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 thereupon the work will be readvertised and relet, and so on until the contract be accepted and executed. The work to commence at such time as the Commissioner of Public Works may designate.

N. B.—Permission will not be given for the withdrawal of any bid or estimate. No bid 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.

Bidders are required to state in their estimates, under oath, their names and places of residence, the names of all persons interested with them therein, and, if no other person be so interested, they shall distinctly state the fact; also, that it is made without any connection with any other person making any bid or estimate for the same purpose, 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. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

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

For the nature and extent of the work to be done, bidders are referred to the plans and specifications. The plans may be seen at the office of the Architects, Messrs. Thom, Wilson & Schaarschmidt No. 1267 Broadway.

The entire work to be completed within SIXTY DAYS after the notice to commence work has been given by the Commissioner of Public Works.

The damages to be paid by the contractor or contractors for each day that the contract or contracts may be unfulfilled after the time specified for the completion thereof shall have expired, are, by a clause in the contract, fixed and liquidated at TEN DOLLARS per day.

Bidders will state in writing and also in figures a price for the whole work on which they may bid, complete, which price is to cover the furnishing of all necessary materials and labor and the performance of all the work set forth in the plans and specifications and form of agreement.

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. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

The amount of security required is \$8,000 on bid No. 1; \$5,000 on bid No. 2, and \$3,000 on bid No. 3.

Blank forms of estimates, and further information, if desired, can be obtained on application at the Comptroller's office, No. 280 Broadway.

The form of agreement, including the specifications for the work, can be obtained at the office of the Comptroller, No. 280 Broadway.

New York, February 14, 1894.
THOMAS F. GILROY, Mayor;
FREDERICK SMYTH, Recorder;
ASHBEL P. FITCH, Comptroller;
JOSEPH J. O'DONOHUE, Chamberlain;
NICHOLAS T. BROWN, Chairman,
Committee on Finance, Board of Aldermen;
Commissioners of the Sinking Fund.

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 4173, No. 1. 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.

List 4273, No. 2. Sewer in One Hundred and Forty-first street, between Lenox and Seventh avenues.

List 4275, No. 3. Sewer in One Hundred and Seventh street, between Boulevard and Amsterdam avenues.

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

No. 1. Both sides of Horatio street and Gansevoort street, from Eighth avenue to Hudson river, and both sides of Little West Twelfth street, from Gansevoort street to Tenth avenue, east side of Thirteenth avenue, from Jane street to Bloomfield street; both sides of West street, Washington street, Greenwich street and Ninth avenue; Hudson street and West Fourth street, from Jane street to West Thirteenth street; block bounded by Washington street and Tenth avenue, West Twelfth and West Thirteenth streets; both sides of Eighth avenue, from Thirteenth to Fourteenth street and Gansevoort Market, and west side of Eighth avenue, from Jane street to West Fourth street.

No. 2. Both sides of One Hundred and Forty-first street, from Lenox to Seventh avenue.

No. 3. Both sides of One Hundred and Seventh street, from Boulevard 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 23d day of March, 1894.

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

OFFICE OF THE BOARD OF ASSESSORS,
No. 27 CHAMBERS STREET,
NEW YORK, February 21, 1894.

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 4112, No. 1. Regulating, grading, setting curb-

stones and flagging Webster avenue, from One Hundred and Sixty-fifth street to the north side of One Hundred and Seventy-third street.

List 4212, No. 2. Regulating and paving with trap-blocks, setting curb-stones and flagging One Hundred and Forty-first street, from Alexander to Willis avenue.

List 4215, No. 3. Paving One Hundred and Fifty-sixth street, from Third to St. Ann's avenue, with trap-blocks.

List 4216, No. 4. Paving College avenue, from Morris avenue to One Hundred and Forty-sixth street.

List 4219, No. 5. Laying crosswalks in Chisholm street, from Jennings street to Stebbins avenue.

List 4220, No. 6. Setting curb-stones, flagging the sidewalks and laying crosswalks in Brook avenue, between One Hundred and Sixty-fifth street and Third avenue, between Third avenue and Brook avenue, in the public place at their intersection.

List 4222, No. 7. Regulating and grading, setting curb-stones, flagging the sidewalks, building culverts in, and paving with granite-block pavement One Hundred and Thirty-eighth street, between Railroad avenue, East, and the Madison avenue bridge.

List 4224, No. 8. Regulating, grading, setting curb-stones and flagging the sidewalks in One Hundred and Fifty-sixth street, from Third avenue to St. Ann's avenue, and laying crosswalks where not already laid.

List 4257, No. 9. Paving One Hundred and Nineteenth street, from Eighth avenue to Avenue St. Nicholas, with asphalt pavement.

List 4259, No. 10. Paving One Hundred and First street, from Boulevard to Riverside Drive, with granite-blocks and laying crosswalks.

List 4260, No. 11. Paving Eighty-eighth street, from Avenue A to Avenue B, with granite-blocks, and laying crosswalks.

List 4276, No. 12. Alteration and improvement to sewer in One Hundred and Eleventh street, between Harlem river and First avenue.

List 4304, No. 13. Regulating and grading, setting curb-stones and flagging Bethune street, from Greenwich to Hudson street.

List 4305, No. 14. Sewers in Ninety-eighth street, between Third and Park avenues.

List 4312, No. 15. Alteration and improvement to sewer in Willett street, between Rivington and Stanton 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 Webster avenue, from One Hundred and Sixty-fifth street to a point distant about 210 feet north of One Hundred and Seventy-third street, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of One Hundred and Forty-first street, from Alexander to Willis avenue, and to the extent of half the block at the intersecting avenues.

No. 3. Both sides of One Hundred and Fifty-sixth street, from Third to St. Ann's avenue, and to the extent of half the block at the intersecting avenues.

No. 4. Both sides of College avenue, from One Hundred and Forty-first to One Hundred and Forty-sixth street, and to the extent of half the block at the intersecting streets.

No. 5. Both sides of Chisholm street, from Jennings street to Stebbins avenue, and to the extent of half the block at the intersection of Jennings street and Freeman street.

No. 6. Both sides of Brook avenue, from Third avenue to One Hundred and Sixty-fifth street, and to the extent of half the block at the intersecting streets and avenues.

No. 7. Both sides of One Hundred and Thirty-eighth street, from Railroad avenue, East, to Madison Avenue Bridge, and to the extent of half the block at the intersecting avenues.

No. 8. Both sides of One Hundred and Fifty-sixth street, from Third avenue to St. Ann's avenue, and to the extent of half the block at the intersecting avenues.

No. 9. Both sides of One Hundred and Nineteenth street, from Eighth avenue to Avenue St. Nicholas, and to the extent of half the block at the intersecting avenues.

No. 10. Both sides of One Hundred and First street, from Boulevard to Riverside Drive, and to the extent of half the block at the intersecting avenues.

No. 11. Both sides of Eighty-eighth street, from Avenue A to Avenue B, and to the extent of half the block at the intersecting avenues.

No. 12. Both sides of One Hundred and Eleventh street, from Pleasant avenue to a point distant 443 feet westerly.

No. 13. Both sides of Bethune street, from Greenwich to Hudson street.

No. 14. Both sides of Ninety-eighth street, from Third to Park avenue.

No. 15. Both sides of Willett street, from Rivington to Stanton 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 17th day of March, 1894.

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

OFFICE OF THE BOARD OF ASSESSORS,
No. 27 CHAMBERS STREET,
NEW YORK, February 15, 1894.

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 acquiring title (wherever the same has not been heretofore acquired), to HAWTHORNE STREET (although not yet named by proper authority), extending from Boston road to East One Hundred and Sixty-third street, and from Clifton street to Westchester avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our second supplemental or amended 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. 2 Tryon Row (Room 1), in said city, on or before the 14th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 14th day of March, 1894, 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 second supplemental or amended estimate and assessment, together with our damage and benefit maps, and also 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 April, 1894.

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 southerly line of Seaman avenue; easterly by the centre line of the blocks between Hawthorne street and Emerson street, from Seaman avenue to Tenth avenue; southerly by the centre line of the block between Post avenue and Naegle avenue, and the northerly line of Tenth

avenue, and westerly by the centre line of the blocks between Hawthorne street and Academy street, between Tenth avenue and Seaman 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. The lots, pieces or parcels of land affected by the aforesaid assessment are situated in Blocks 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 28

and Third avenues to its point of intersection with the centre line of the block between Teasdale place and East One Hundred and Sixty-third street; thence easterly along the last mentioned centre line to its point of intersection with a line drawn parallel to Cauldwell avenue and distant about two hundred and forty feet westerly from the westerly side thereof; thence northerly along the last mentioned line to its point of intersection with the centre line of the blocks between Boston road and Franklin avenue; thence northeasterly along the said centre line between Boston road and Franklin avenue to the point or place of beginning; 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 6th day of April, 1894, 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 15, 1894.
EDWARD J. JACOBS, Chairman,
CHARLES D. BURRILL,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND FORTY-SIXTH STREET (although not yet named by proper authority), between Bradhurst avenue and Eighth avenue, in the Twelfth Ward of the City of New York.

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. 2 Tryon Row (Room 1), in said city, on or before the 28th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 28th day of March, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A. 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, 1894.

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-sixth street and One Hundred and Forty-seventh street, from Bradhurst avenue to Eighth avenue; easterly by the westerly line of Eighth avenue; southerly by the centre line of the block between One Hundred and Forty-sixth street and One Hundred and Forty-fifth street, from Eighth avenue to Bradhurst avenue; and westerly by the easterly line of Bradhurst 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 9th day of April, 1894, 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 15, 1894.
NOEL GALE, Chairman,
CHARLES GOELLER,
ALBERT SANDERS,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of Michael T. Daly, Commissioner of Public Works 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 in fee to certain lots, pieces or parcels of land in the Twelfth and Twenty-third Wards of the City of New York, for the purpose of the construction of a drawbridge and approaches thereto, with the necessary abutments and arches over the Harlem river, connecting the northerly end of Third avenue in the Twelfth Ward of said city with the southerly end of Third avenue in the Twenty-third Ward of said city.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 8th day of August, 1893, and filed and entered in the office of the Clerk of the City and County of New York on the 8th day of February, 1894, Commissioners of Estimate and Apportionment, for the purpose of making a just and equitable estimate of the loss and damage to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required and to be acquired in fee, in the name of and for and in behalf of the Mayor, Aldermen and Commonality of the City of New York, for the purpose of the construction of a drawbridge and approaches thereto, with the necessary abutments and arches over the Harlem river, connecting the northerly end of Third avenue in the Twelfth Ward of said city, with the southerly end of Third avenue in the Twenty-third Ward of said city, pursuant to the provisions of chapter 413 of the Laws of 1892, being the following described lots, pieces or parcels of land:

PARCEL A.
Beginning at a point on the north line of One Hundred and Twenty-ninth street, distant 245 feet east of the easterly line of Third avenue; thence running northwesterly along a curve having a radius of 160.13 feet, distance 177.28 feet, to a point distant 143.22 feet north of the north line of One Hundred and Twenty-ninth street, and distant 156.87 feet east of the east line of Third avenue; thence northwesterly along a line tangent to said curve, distance 175.39 feet, to a point on the easterly line of Third avenue, distant 21.84 feet north of the south line of One Hundred and Thirtieth street; thence north along the easterly line of Third avenue, distance 129.16 feet, to the bulkhead line of the Harlem river; thence southeasterly along the bulkhead line just mentioned, distance 77 feet; thence southwesterly, distance 61.5 feet, to a point on a line 56 feet from the parallel to the tangent above mentioned; thence southeasterly along a line 56 feet from and parallel to the tangent, distance 55.5 feet; thence southeasterly on a curve having a radius of 216.13 feet, 56 feet from and parallel to the first-mentioned curve, distance 229.28 feet; thence southwesterly, where the width changes from 56 feet to 50 feet, distance 10 feet, to the northerly line of One Hundred and Twenty-ninth street; thence westerly along the northerly line of One Hundred and Twenty-ninth street, distance 50 feet, to the point of beginning.

PARCEL B.
Beginning at a point on the easterly line of Lexington avenue, distant 155.83 feet south of the southerly line of One Hundred and Thirtieth street; thence running easterly on a line 44 feet from and parallel to the northerly line of One Hundred and Thirtieth street,

distance 360 feet; thence northerly along a line 60 feet from and parallel to the westerly line of Third avenue, distance 134.86 feet, to the bulkhead line of the Harlem river; thence southeasterly along said bulkhead line, distance 69.68 feet, to the westerly line of Third avenue; thence southerly along the westerly line of Third avenue, distance 143.4 feet, to the northerly line of One Hundred and Thirtieth street; thence westerly along the northerly line of One Hundred and Thirtieth street, distance 430 feet, to the easterly line of Lexington avenue; thence northerly along the easterly line of Lexington avenue, distance 44 feet, to the point of beginning.

PARCEL C.
Beginning at a point on the southerly line of the Southern Boulevard, distant 333.16 feet west of the westerly line of Lincoln avenue; thence running southwesterly, distance 293 feet, to a point on the bulkhead-line of the Harlem river, said point being 544.53 feet west of the westerly line of Lincoln avenue measured along said bulkhead-line; thence northwesterly along the bulkhead-line of the Harlem river, distance 4 feet, to the easterly line of Third avenue; thence north-easterly along the easterly line of Third avenue, distance 217.22 feet; thence northeasterly, continuing along the easterly line of Third avenue, on a curve having a radius of 98 feet, distance 64.84 feet, to the southerly line of the Southern Boulevard; thence easterly along the southerly line of the Southern Boulevard, distance 30 feet, to the point of beginning.

PARCEL D.
Beginning at a point on the northerly line of the Southern Boulevard, distant 291.26 feet west of the westerly line of Lincoln avenue; thence running northeasterly, distance 207.97 feet, to a point on the southerly line of One Hundred and Thirty-fourth street, distant 234.2 feet west of the westerly line of Lincoln avenue; thence westerly along the southerly line of One Hundred and Thirty-fourth street, distance 62.34 feet, to the easterly line of Third avenue; thence southwesterly along the easterly line of Third avenue, distance 207.97 feet, to the northerly line of the Southern Boulevard; thence easterly along the northerly line of the Southern Boulevard, distance 62.37 feet, to the point of beginning.

PARCEL E.
Beginning at a point on the northerly line of One Hundred and Thirty-fourth street, distant 216.73 feet west of the westerly line of Lincoln avenue; thence running in a northeasterly direction, distance 34.66 feet, to a line distant 33.32 feet from and parallel to the northerly line of One Hundred and Thirty-fourth street; thence easterly along said line, distance 12.22 feet, to a line distant 195 feet from and parallel to the westerly line of Lincoln avenue; thence northerly along the last-mentioned line, distance 41.83 feet, to a line distant 75.05 feet from and parallel to the northerly line of One Hundred and Thirty-fourth street; thence easterly along said parallel line, distance 11 feet, to a line distant 184 feet from and parallel to the westerly line of Lincoln avenue; thence northerly, distance 24.81 feet, to a line distant 200 feet from and parallel to the northerly line of One Hundred and Thirty-fourth street; thence westerly, distance 4.29 feet; thence northeasterly, distance 104 feet, to a point on the southerly line of One Hundred and Thirty-fifth street, distant 150.67 feet west of the westerly line of Lincoln avenue; thence westerly along the southerly line of One Hundred and Thirty-fifth street, distance 62.36 feet to the easterly line of Third avenue; thence southwesterly along the easterly line of Third avenue, distance 207.97 feet, to the northerly line of One Hundred and Thirty-fourth street; thence easterly along the northerly line of One Hundred and Thirty-fourth street, distance 62.40 feet, to the point of beginning.

PARCEL F.
Beginning at a point on the northerly line of One Hundred and Thirty-fifth street, distant 145.85 feet west of the westerly line of Lincoln avenue; thence running northeasterly, distance 205.26 feet, to a point on the southerly line of One Hundred and Thirty-sixth street, distant 99.78 feet west of the westerly line of Lincoln avenue; thence westerly along the southerly line of One Hundred and Thirty-sixth street, distance 49.67 feet, to the easterly line of Third avenue; thence southwesterly along the easterly line of Third avenue, distance 207.56 feet, to the northerly line of One Hundred and Thirty-fifth street; thence easterly along the northerly line of One Hundred and Thirty-fifth street, distance 59.17 feet, to the point of beginning.

PARCEL G.
Beginning at a point on the northerly line of One Hundred and Thirty-sixth street, distant 85.04 feet west of the westerly line of Lincoln avenue; thence running northeasterly, distance 205.16 feet, to a point on the southerly line of One Hundred and Thirty-seventh street, distant 39.78 feet west of the westerly line of Lincoln avenue; thence westerly along the southerly line of One Hundred and Thirty-seventh street, distance 20.65 feet, to the easterly line of Third avenue; thence southwesterly along the easterly line of Third avenue, distance 211.87 feet, to the northerly line of One Hundred and Thirty-sixth street; thence easterly along the northerly line of One Hundred and Thirty-sixth street, distance 44.47 feet, to the point of beginning.

PARCEL H.
Beginning at a point made by the intersection of the northerly line of One Hundred and Thirty-seventh street and the westerly line of Lincoln avenue; thence running northerly along the westerly line of Lincoln avenue, distance 98 feet, to the easterly line of Third avenue; thence southwesterly along the easterly line of Third avenue, distance 105.56 feet, to the northerly line of One Hundred and Thirty-seventh street; thence easterly along the northerly line of One Hundred and Thirty-seventh street, distance 39.2 feet to the point of beginning.

All parties and persons interested in the real estate taken, or to be taken, for the aforesaid purpose, 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 Apportionment, at our office, Room No. 177 on the fourth floor of the Stewart Building, No. 280 Broadway, in the City of New York, with such affidavits or other proofs as the owners or claimants may desire, within thirty days after the date of this notice (February 16, 1894).

And we, the said Commissioners, will be in attendance at our said office on the 21st day of March, 1894, at two 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 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 Commonality of the City of New York.

Dated New York, February 16, 1894.
DAVID LEVENTRITT,
PETER BOWE,
ARTHUR INGRAHAM,
Commissioners.

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 TWO HUNDRED AND SEVENTH STREET, between Tenth avenue and the United States Channel Line, Harlem river, 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 pro-

ceeding, 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. 2 Tryon Row (Room 1), in said city, on or before the 3d day of April, 1894, and that we the said Commissioners will hear parties so objecting within the ten days next after the said 3d day of April, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 1 o'clock P. M.

Second—That the abstract of our 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 third day of April, 1894.

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 Two Hundred and Seventh and Two Hundred and Eighth streets, from the easterly side of Tenth avenue to the westerly side of Exterior street; easterly by the westerly side of Exterior street; southerly by the centre line of the block between Two Hundred and Seventh and Two Hundred and Sixth streets, from the easterly side of Tenth avenue to the westerly side of Exterior street; westerly by the easterly side of Tenth avenue; excepting from said area all the land included within the lines of streets, avenues and roads, or portion thereof, heretofore legally opened, as such area is shown upon our benefit maps 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 17th day of April, 1894, 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 13, 1894.
BENJAMIN PATTERSON,
S. SAUNDERS,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND TWENTY-EIGHTH STREET, between Amsterdam avenue and the new avenue known as 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. 2 Tryon Row (Room 1), in said city, on or before the 26th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 26th day of March, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A. 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 26th day of March, 1894.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the block between One Hundred and Twenty-eighth street and One Hundred and Twenty-ninth street, from Amsterdam avenue to Convent avenue; easterly by the westerly line of Convent avenue; southerly by the centre line of the block between One Hundred and Twenty-eighth street and One Hundred and Twenty-seventh street, from Convent avenue to Amsterdam avenue; 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 13th day of April, 1894, 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 12, 1894.
EDWARD L. PARRIS, Chairman,
CHARLES GOELLER,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND FIFTY-SECOND 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 WE, THE undersigned, Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 2 Tryon Row (Room 1), in said city, on the 24th day of February, 1894, at 12 o'clock M., to hear any person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 2 Tryon Row; that it is our intention to present our report for confirmation to the Supreme Court, at a Special Term thereof, to be held at the Chambers thereof, at the County Court-house, in the City of New York, on the 2d day of March, 1894, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 12, 1894.
JOHN H. JUDGE, Chairman,
WILLIAM B. ELLISON,
LEO C. DESSAR,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to TIFFANY STREET (although not yet named by proper authority), from Longwood avenue to the East river, 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 Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Tuesday, the 27th day of February, 1894, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue, known as Tiffany street, from Longwood avenue to the East river, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point distant 1,221 3-100 feet north of the eastern prolongation of the southern line of West One Hundred and Fifty-fifth street, measured at right angles to the same from a point 15,793 6-100 feet east of the eastern line of Tenth avenue.

1st. Thence southerly on a line forming an angle of 40 degrees 18 minutes 50 seconds easterly and to the right from a line drawn southerly from the point of beginning and parallel to Tenth avenue for 2,600 feet.

2d. Thence southerly deflecting 15 degrees 03 minutes 40 seconds to the right for 125 00-100 feet.

3d. Thence southwesterly deflecting 27 degrees 50 minutes 20 seconds to the right for 100 feet.

4th. Thence northwesterly deflecting 90 degrees to the right for 100 feet.

5th. Thence northeasterly deflecting 90 degrees to the right for 100 feet.

6th. Thence northerly deflecting 29 degrees 52 minutes 30 seconds to the left for 115 33-100 feet.

7th. Thence northerly deflecting 13 degrees or minutes 30 seconds to the left for 2,634 52-100 feet.

8th. Thence southeasterly for 122 90-100 feet to the point of beginning.

Said Tiffany street to be 80 feet wide between the lines of Longwood avenue and the East river.

Dated New York, February 12, 1894.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to TWO HUNDRED AND SECOND STREET, between Tenth avenue and the United States channel-line, Harlem river, 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. 2 Tryon Row (Room 3), in said city, on or before the 26th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 26th day of March, 1894, 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 26th day of March, 1894.

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 Two Hundred and Second street and Two Hundred and Third street, from the easterly side of Tenth avenue to the westerly side of Exterior street; easterly by the westerly line of Exterior street; southerly by the centre line of the block between Two Hundred and Second and Two Hundred and First streets, from the westerly line of Tenth avenue to the easterly line of Exterior street; westerly by the easterly line of Tenth 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 11th day of April, 1894, 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, 1894.
MILLARD R. JONES, Chairman,
JOHN H. JUDGE,
THOMAS F. GILROY, JR.,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), to MACOMB'S STREET (although not yet named by proper authority), extending from Broadway to Bailey 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. 2 Tryon Row (Room 1), in said city, on or before the 24th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 24th day of March, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A. 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 23d day of March, 1894.

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 Macomb's street and Parsons street and the prolongations of said centre line for a distance of 175 feet westerly from the easterly line of Broadway, and for a distance of

about 154 feet easterly from the westerly line of Bailey avenue; easterly by a broken line, commencing at a point in the prolongation easterly from Bailey avenue of the centre line of the block between Macomb's street and Parsons street, distant about 92 feet easterly from the easterly line of Bailey avenue; and running thence southerly and always east of the easterly line of Bailey avenue to a point in the prolongation easterly from Bailey avenue of the centre line of the block between Macomb's street and Albany road, distant about 80 feet easterly from the easterly line of Bailey avenue; southerly by the centre line of the block between Macomb's street and Albany road, the prolongation of said last-mentioned centre line, for a distance of about 140 feet easterly from the westerly line of Bailey avenue, the centre line of the block between Macomb's street and Riverdale avenue and the prolongation of said last-mentioned centre line, for a distance of 175 feet westerly from the easterly line of Broadway, and westerly by 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.

The lots, pieces or parcels of land affected by the aforesaid assessment are situated in the north half of Block 3266, south half of Block 3267, portion of Block 3261 and portion of Block 3404.

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 10th day of April, 1894, 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 7, 1894.
WILLIAM B. ELLISON, Chairman,
WILLIAM M. LAURENCE,
GEORGE C. COFFIN,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands required for the opening, widening and extension of COLLEGE PLACE and GREENWICH STREET, extending from Chambers street to Dey street, in the Third Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 2 Tryon Row, Room 2, in said city, on Wednesday, March 7, 1894, at 2 o'clock P. M., to hear any person or persons who may consider themselves aggrieved by our amended estimate or assessment, in opposition to the same; that the abstract of our said amended estimate and assessment may be hereafter inspected at our said office, No. 2 Tryon Row; 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 20th day of March, 1894, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 20, 1894.
EUGENE L. BUSHÉ, Chairman,
JAMES G. LANEWAY,
THOMAS F. HAYES,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to FOREST AVENUE, extending from the southerly side of Home street to the northerly side of East One Hundred and Sixty-eighth 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 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 second supplemental or amended 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. 2 Tryon Row (Room 1), in said city, on or before the 7th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 7th day of March, 1894, 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 second supplemental or amended estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 6th day of March, 1894.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz: Beginning at a point in the easterly side of Boston road, distant 170.58 feet northerly from the northeast corner of Boston road and East One Hundred and Sixty-eighth street; running thence easterly and nearly parallel with, and distant about 158 feet northerly from the northerly line of East One Hundred and Sixty-eighth street to the centre line of the blocks between Tinton and Union avenues; thence southerly along said centre line of the blocks between Tinton and Union avenues to the centre line of the blocks between Home and George streets; thence westerly along the centre line of the blocks between Home and George streets to the centre line of the blocks between Forest and Tinton avenues; thence southerly along the centre line of the blocks between Forest and Tinton avenues to the centre line of the blocks between George and East One Hundred and Sixty-fifth streets; thence westerly along the centre line of the blocks between George and East One Hundred and Sixty-fifth streets to the centre line of the blocks between Forest and Jackson avenues; thence northerly along the centre line of the blocks between Forest and Jackson avenues to the centre line of the block between George and Home streets; thence westerly along the last-mentioned centre line to the centre of Jackson avenue; thence northerly along the centre of Jackson avenue to the easterly side of Boston road to the point or place of beginning; 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 23d day of March, 1894, 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 7, 1894.
JAMES MITCHELL, Chairman,
JOHN H. ROGAN,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to TWO HUNDRED AND THIRD STREET, although not yet named by proper authority, between Tenth avenue and the United States Channel line, Harlem river, 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. 2 Tryon Row (Room 1), in said city, on or before the 15th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 15th day of March, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 1 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 15th day of March, 1894.

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: On the south by the centre line of the block between Two Hundred and Third and Two Hundred and Second streets, on the east by Exterior street, on the north by the centre line of the block between Two Hundred and Third and Two Hundred and Fourth streets, on the west by Tenth avenue.

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 2d day of April, 1894, 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 31, 1894.
FREDERIC J. DIETER, Chairman,
JOHN KELEHER,
WM. C. HOLBROOK,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to TWO HUNDRED AND NINTH STREET, between Tenth avenue and the United States Channel Line, Harlem river, 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 21st day of April, 1893, 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 or avenue, herein designated as Two Hundred and Ninth street, as shown and delineated on certain maps made by the Board of Street Opening and Improvement of the City of New York, under authority of chapter 410 of the Laws of 1882, as amended by chapter 360 of the Laws of 1883, chapter 17 of the Laws of 1884, and chapter 185 of the Laws of 1885, and filed on or about the 28th day of January, 1889, in the office of the Department of Public Parks, in the office of the Counsel to the Corporation, 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 more particularly set forth in the petition of the Board of Street Opening and Improvement filed 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 or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises 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 avenue, 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. 2 Tryon Row, in the City of New York, Room No. 1, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (February 2, 1894).

And we, the said Commissioners, will be in attendance at our said office on the 2d day of March, 1894, 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 Commonality of the City of New York.

Dated New York, February 2, 1894.
J. R. FELLOWS,
SAMUEL SANDERS,
BENJAMIN PATTERSON,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), for the use of the public, to the lands required for the opening and extension of ONE HUNDRED AND EIGHTY-EIGHTH STREET, between Amsterdam and Wadsworth avenues, 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 12th day of October, 1893, 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 or avenue herein designated as One Hundred and Eighty-eighth street, as shown and delineated on certain maps made by the Board of Street Opening and Improvement of the City of New York, under authority of chapter 185 of the Laws of 1885, passed April 30, 1885, and filed in the office of the Commissioner of Public Works and the Counsel to the Corporation of the City of New York, on or about the 12th day of September, 1891, and more particularly set forth in the petition of the Board of Street Opening and Improvement filed 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 or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto 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 avenue, 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. 2 Tryon Row, in the City of New York (Room No. 1); with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (February 1, 1894).

And we, the said Commissioners, will be in attendance at our said office on the 6th day of March, 1894, 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 Commonality of the City of New York.

Dated New York, February 1, 1894.
ROBERT L. WENSLEY, Chairman,
CHARLES D. BURRILL,
JOHN P. O'BRIEN,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to TWO HUNDRED AND EIGHTH STREET, between Tenth avenue and the United States Channel Line, Harlem river, 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 21st day of April, 1893, 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 or avenue, herein designated as Two Hundred and Eighth street, as shown and delineated on certain maps made by the Board of Street Opening and Improvement of the City of New York, under authority of chapter 410 of the Laws of 1882, as amended by chapter 360 of the Laws of 1883, chapter 17 of the Laws of 1884, and chapter 185 of the Laws of 1885, and filed on or about the 28th day of January, 1889, in the office of the Department of Public Parks, in the office of the Counsel to the Corporation, 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 more particularly set forth in the petition of the Board of Street Opening and Improvement, filed 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 or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto 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 avenue, 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. 2 Tryon Row, in the City of New York, Room No. 1, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (February 2, 1894).

And we, the said Commissioners, will be in attendance at our said office on the 2d day of March, 1894, 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 Commonality of the City of New York.

Dated New York, February 2, 1894.
JOHN R. FELLOWS,
BENJAMIN PATTERSON,
DAVID 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 Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND FORTY-NINTH STREET, between Seventh avenue and the bulkhead line, Harlem river, 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, 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. 2 Tryon Row, room 1, in said city, on or before the fifteenth day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said fifteenth day of March, 1894, and for that purpose will be in attendance at our said office on each of the said ten days at eleven o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also 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 15th day of March, 1894.

Third—That the limits of our assessments 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: On the north by the centre line of the block between One Hundred and Forty-ninth and One Hundred and Fiftieth streets; on the east by the westerly line of Lenox avenue; on the south by the centre line of the block between One Hundred and Forty-ninth and One Hundred and Forty-eighth streets, and on the west by the easterly line of Seventh avenue. Also all that piece or parcel of land situate on the east side of Lenox avenue, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets, and bounded and described as follows, namely: westerly by the easterly line of Lenox avenue, southerly by the centre line of the block bounded by One Hundred and Forty-eighth street, Lenox avenue and a certain unnamed street or avenue; and northeasterly by the southwesterly side of said unnamed street or 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 second day of April, 1894, 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 31, 1894.
WILLIAM C. HOLBROOK, Chairman,
JOHN KELEHER,
MILLARD R. JONES,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND FIFTY-FOURTH STREET, between Bradhurst avenue and McComb's Dam road, 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. 2 Tryon Row (Room 1), in said city, on or before the fifteenth day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said fifteenth day of March, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 1:30 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 fifteenth day of March, 1894.

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: On the west by Bradhurst avenue; on the north by the centre line of the block between One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets, on the east by Eighth avenue, and on the south by the centre line of the block between One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets. Also the following: On the west by Eighth avenue on the north by the centre line of the block between One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets, on the east by McComb's Dam road, and on the south by the centre line of the block between One Hundred and Fifty-fourth and One Hundred and Fifty-third streets.

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 second day of April, 1894, 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 31, 1894.
JACOB MARKS, Chairman,
THOMAS C. T. CRAIN,
MATTHEW CHALMERS,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to TWO HUNDRED AND FIRST STREET, although not yet named by proper authority, between Academy Street and the United States Channel Line, Harlem river, 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. 2 Tryon Row (Room 1), in said city, on or before the fifteenth day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said fifteenth day of March, 1894, 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 fifteenth day of March, 1894.

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.: On the south by the centre line of the block between Two Hundred and First and Academy streets; on the west by the easterly side of Academy street; on the north by the centre line of the block between Two Hundred and First and Second streets; and on the east by the westerly side of Exterior street.

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 second day of April, 1894, 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 31, 1894.
MITCHELL LEVY, Chairman,
N. J. O'CONNELL,
EMANUEL M. FRIEND,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND FORTIETH STREET, between Seventh avenue and the Bulkhead-line, Harlem river, 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 8th day of March, 1893, 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 or avenue, herein designated as One Hundred and Fortieth 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, appointed under an act of the Legislature of the State of New York entitled, "An Act relative to improvements touching the laying out of streets and roads in the City of New York, and for other purposes," passed April 3, 1897, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, by and under authority of chapter 667 of the Laws of 1867, and filed in the office of the Street Commissioner of the City of New York, on March 7, 1868, and more particularly set forth in the petition of the Board of Street Opening and Improvement filed 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 or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto 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 avenue, 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. 2 Tryon Row, in the City of New York, Room No. 1, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (January 31, 1894).

And we, the said Commissioners, will be in attendance at our said office on Friday, the 9th day of March, 1894, 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 Commonality of the City of New York.

Dated New York, January 31, 1894.
G. M. SPIER, Jr.,
JAMES F. C. BLACKHURST,
PAUL C. GRENING,
Commissioners.

JOHN P. DUNN, Clerk.

SECOND JUDICIAL DISTRICT, WEST-CHESTER COUNTY.

In the matter of the application and petition of Michael T. Daly, as Commissioner of Public Works of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, under chapter 189 of the Laws of 1893, to acquire certain real estate, as the term "real estate" is defined in said act, for the purpose of providing for the sanitary protection of the sources of the water supply of the City of New York.—Kensico Reservoir.

PUBLIC NOTICE IS HEREBY GIVEN, THAT the First Separate Report of John H. V. Arnold, Hamon Fish, Jr., and Francis Larkin, Jr., who were appointed Commissioners of Appraisal in the above entitled matter by an order of this Court, made at a Special Term thereof, held at the Court-house in White Plains, Westchester County, June 10, 1893, bears date January 12, 1894, and was filed in the Westchester County Clerk's office, January 15, 1894, and that the parcels covered by said report are Parcels Numbers 1, 6, 7, 14, 18, 19, 21, 24, 25 and 26, and that the claims of Christian Lehn, Hally J. Palmer, George Palmer and Emily C. Palmer are included in said report.

Notice is further given that an application will be made to confirm the said report at a Special Term of said Court to be held at the Chambers in the City of Newburgh, Orange County, on the 17th day of March, 1894, at the opening of the court on that day, or as soon thereafter as counsel can be heard.

Dated February 10, 1894.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row,
New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND THIRTY-EIGHTH STREET, between Amsterdam avenue and the new avenue known as 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. 2 Tryon Row (Room 1), in said city, on or before the 7th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 7th day of March, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 10.30 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 6th day of March, 1894.

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-eighth and One Hundred and Thirty-ninth streets; easterly by the westerly side of Convent avenue; southerly by the centre line of the block between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets, and westerly by the easterly side of Amsterdam avenue, excepting from said area, all the land included within the lines of streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown on our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 21st day of March, 1894, 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, 1894.
LOUIS COHEN, Chairman,
OLIVER B. STOUT,
FRANCIS L. DONOHUE,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to HOME STREET (although not yet named by proper authority), extending from Boston road to Intervale avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 2 Tryon Row (Room 1), in said city, on or before the 13th day of March, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 13th day of March, 1894, 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 12th day of March, 1894.

Third—That the limits of our assessment for benefit include all those lots, pieces, or parcels of land situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz: Beginning at a point in the centre line of the blocks between Home street and East One Hundred and Sixty-eighth street prolonged distant 100 feet westerly from the westerly side of Boston road, thence southerly and parallel with the westerly line of Boston road and distant 100 feet westerly therefrom for a distance of about 610 feet; thence easterly along the centre line of the blocks between Home street and George street prolonged to the easterly line of Boston road, thence still easterly and along the centre line of the last-mentioned blocks to the easterly line of Prospect avenue; thence still easterly along said centre line prolonged to the centre line of the blocks between Stebbins avenue and Prospect avenue; thence northerly along said centre line of the block between Stebbins avenue and Prospect avenue, for a distance of about 225 feet; thence easterly along a line drawn at right angles with Stebbins avenue to the westerly line of Stebbins avenue; thence easterly to a point in the easterly line of Stebbins avenue distant 357.99 feet southerly from the southerly line of Home street; thence easterly and at right angles with Stebbins avenue for a distance of 147.09 feet; thence northerly and parallel, or nearly so, with the easterly line of Stebbins avenue for a distance of 100 feet; thence easterly and at right angles, for nearly so, with the preceding course to the westerly line of Intervale avenue; thence easterly to a point in the easterly line of Kelly street, distant 45.29 feet from the northeast corner of Kelly street and Intervale avenue; thence by an irregular broken line having a general northerly direction and being always east of the easterly line of Intervale avenue to a point in the southwesterly line of Fox street, distant 142.19 feet southerly from the southeast corner of Fox street and Intervale avenue; thence northerly along the southwesterly line of Fox street to the southeast corner of Fox street and Intervale avenue; thence westerly to a point in the westerly line of Intervale avenue, distant about 435 feet north of the northerly line of Home street; thence northwesterly and at right angles with the westerly line of Intervale avenue for a distance of 131.31 feet; thence westerly for a distance of 2.75 feet to a point distant 184.84 feet westerly from the westerly line of Intervale avenue; thence southerly and parallel with the westerly line of Intervale avenue to the southerly line of East One Hundred and Sixty-ninth street; thence westerly along the southerly line of East One Hundred and Sixty-ninth street for a distance of 208.99 feet; thence southerly and at right angles with East One Hundred and Sixty-ninth street for a distance of 184.44 feet; thence westerly along a line at right angles or nearly so with Prospect avenue for a distance of about 373 feet; thence southerly and at right angles with the preceding course for a distance of 278 feet; thence westerly along the centre line of the blocks between Home street and East One Hundred and Sixty-eighth street and the centre line of said blocks prolonged to the point or place of beginning, 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 28th day of March, 1894, 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 27, 1894.
JOSEPH C. WOLFF, Chairman,
J. B. MORGAN,
APPLETON L. CLARK,
Commissioners.

JOHN P. DUNN, Clerk.

NEW CROTON DAM—CORNELL SITE.

NOTICE OF APPLICATION FOR APPRAISAL.

PUBLIC NOTICE IS HEREBY GIVEN THAT it is the intention of the Counsel to the Corporation of the City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal, under chapter 490 of the Laws of 1883.

Such application will be made at a Special Term of said Court, to be held in the Second Judicial District, at the Court-house in White Plains, Westchester County, on the 24th day of February, 1894, at 10 o'clock in the forenoon, or as soon thereafter as counsel can be heard. The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York, and the other two of whom shall reside in the county in which the real estate hereinafter described is situated, as Commissioners of Appraisal, to ascertain and appraise the compensation to be made to the owners of and all persons interested in the real estate hereinafter described, as proposed to be taken or affected for the purpose of maintaining, preserving and increasing the water supply of the City of New York.

The real estate sought to be taken or affected, is situated in the Towns of Bedford and Lewisboro, County of Westchester and State of New York, and is laid out, indicated and shown on a certain map signed and certified as required by chapter 490 of the Laws of 1883, and is entitled "Map No. 2, Department of Public Works, City of New York, Michael T. Daly, Commissioner, George W. Birdsall, Chief Engineer, Croton Aqueduct. Property Maps of additional lands required for the construction of the New Croton Reservoir, in the Village of Katonah, Towns of Bedford and Lewisboro, Westchester County, New York, Exhibit No. 6, of 1893." Said map bearing date November 20, 1893, and which said map was filed in the Register's Office of Westchester County, on the second day of January, 1894.

The following is a statement of the boundaries of the real estate to be acquired in this proceeding as part of the land required for the New Croton Dam, all of which is to be acquired in fee:

All those several and various lots, pieces and parcels of land and real estate, as the term "real estate" is defined in said act, situate in the Village of Katonah, County of Westchester, and State of New York, and which, taken together, form a tract included within the following external boundary lines: Beginning at a point where the division line between the Towns of Bedford and Lewisboro, in the County of Westchester and State of New York, intersects the westerly side of property or right of way of the New York and Harlem Railroad; thence running by and along the westerly side of said property of said railroad and along Parcel Number 8, as shown on said map, the following courses and distances: South 25 degrees 45 minutes west 65 feet; thence south 24 degrees 31 minutes west 101.78 feet; thence south 21 degrees 52 minutes 0 seconds west 101.82 feet; thence south 19 degrees 24 minutes west 102 feet; thence south 15 degrees 56 minutes 30 seconds west 101.88 feet; thence south 14 degrees 39 minutes west 102.26 feet to the lake or pond partly within the limits of Parcel Number 8, and partly within the limits of Parcel Number 9, on said map and known as Lovely lake; thence along Lovely lake and the westerly side of such railroad property or right of way, south 11 degrees 18 minutes west 45.93 feet to the northerly corner of Parcel Number 7 on said map; thence along said Parcel Number 7 south 11 degrees 18 minutes west 56 feet; thence south 6 degrees 38 minutes 30 seconds west 89.93 feet to the northerly corner of Parcel Number 6; thence south along Parcel Number 6 6 degrees 36 minutes 30 seconds west 3.36 feet; thence south 4 degrees 02 minutes 30 seconds west 101.80 feet; thence south 1 degree 55 minutes west 102.18 feet; thence south 0 degrees 24 minutes 30 seconds east 103.92 feet; thence south 87 degrees 43 minutes west 26 feet; thence south 2 degrees 17 minutes east 30.13 feet; thence south 2 degrees 17 minutes east 49.47 feet to the point where the southerly side of Main street, in said Village of Katonah intersects or meets the westerly side of the property of the New York and Harlem Railroad north-west of Main street; thence along the southerly side of Main street north 85 degrees 45 minutes west 159.58 feet; thence south 78 degrees 41 minutes west 159.52 feet still along the southerly side of Main street; thence south 80 degrees 4 minutes west 82.70 feet; thence south 16 degrees 32 minutes 30 seconds west 25.80 feet to the point where the northerly side of the highway running along Cross river meets Main street; thence crossing first-mentioned highway which runs along Cross river south 18 degrees 55 minutes 30 seconds west 32.20 feet; thence south 20 degrees 10 minutes 30 seconds west 8 feet to the northerly or northeasterly side or shore of said Cross River; thence along the northerly or northeasterly shore of Cross River about 418 feet, as such river winds and turns and following its windings and courses to the southeasterly corner of Parcel No. 29, as shown on said map; thence still following the shore of such river the following courses and distances: south 84 degrees 43 minutes 30 seconds west 25.53 feet; thence south 80 degrees 9 minutes west 100.32 feet; thence south 77 degrees 18 minutes 30 seconds west 49.10 feet; thence south 74 degrees 24 minutes west 50.06 feet; thence south 61 degrees 58 minutes west 50.80 feet; thence south 45 degrees 58 minutes 30 seconds west 41.75 feet; thence south 58 degrees 49 minutes 30 seconds west 55.31 feet; thence north 37 degrees 23 minutes west 44.09 feet; thence still following said river as it winds and turns, the following courses and distances: north 2 degrees 29 minutes 30 seconds west 42.96 feet; thence north 14 degrees 29 minutes 30 seconds west 52.20 feet; thence north 10 degrees 53 minutes west 50.99 feet; thence north 12 degrees 39 minutes 30 seconds west 50.56 feet; thence north 39 degrees 9 minutes 30 seconds west 50.49 feet; thence north 15 degrees 56 minutes west 32.30 feet; thence north 63 degrees 36 minutes east 22.66 feet; thence south 41 degrees 21 minutes east 30.31 feet; thence south 43 degrees 10 minutes 30 seconds east 50.99 feet; thence south 59 degrees 3 minutes 30 seconds east 50.16 feet; thence south 26 degrees 11 minutes east 14.76 feet; thence south 49 minutes 30 seconds west 47.43 feet; thence south 54 degrees 29 minutes east 12.0 feet; thence north 11 degrees 58 minutes east 42.54 feet; thence north 70 degrees 50 minutes 30 seconds east 60.11 feet; thence north 12 degrees 3 minutes 30 seconds east 24.20 feet; thence north 25 degrees 35 minutes west 37.31 feet; thence north 36 degrees 50 minutes west 50.49 feet; thence north 31 degrees 24 minutes 30 seconds west 51.42 feet; thence north 44 degrees 54 minutes west 50 feet; thence north 73 degrees 29 minutes 30 seconds west 23.42 feet; thence along the easterly shore of said Cross River following its windings and turnings about 340 feet to the point on said map where Parcel Number 30 leaves the said river, and opposite the northwest corner of Parcel Number 28; thence north 72 degrees 45 minutes east 4 feet to the westerly side of the road known as Main street; thence leaving said river and following the westerly side of Parcel Number 30, designated on said map as Main street, north 6 degrees 40 minutes 30 seconds west 215.70 feet; thence still along the westerly side of the street known as Main street, north 8 degrees 25 minutes west 126.40 feet to the southerly line or side of the public highway in the Town of Lewisboro, running in an easterly direction toward the New York and Harlem Railroad, about 150 feet north of and generally parallel with the line which divides the Town of Bedford from the Town of Lewisboro, in said county; thence along the southerly side of the said last-mentioned road or highway the following courses and distances: North 79 degrees 15 minutes 30 seconds east 48.13 feet; thence north 77 degrees 21 minutes east 76.2 feet to the point where the easterly line of the street or avenue in the Village of Katonah, known as Palmer avenue, meets the southerly side of said last-mentioned highway.

way; thence along said highway north 77 degrees 54 minutes east 201.36 feet; thence still along the southerly side of said highway in the Town of Lewisboro north 77 degrees 36 minutes 30 seconds east 111.72 feet; thence north 67 degrees 32 minutes 30 seconds east 121.52 feet; thence north 76 degrees 24 minutes 30 seconds east 140.30 feet; thence south 88 degrees 11 minutes 30 seconds east 211.53 feet; thence south 89 degrees 52 minutes east 36.48 feet; thence north 72 degrees 9 minutes east 85.30 feet; thence north 70 degrees 33 minutes 30 seconds east 104.89 feet to the line of the New York and Harlem Railroad Company; thence along said line of said railroad company south 28 degrees west 49.02 feet; thence south 29 degrees 45 minutes west 36.6 feet to the point or place of beginning. Containing 35.814 acres and intending to include herein all the parcels shown on said map designated by the numbers 1 to 32, both inclusive, all of which are to be acquired in fee. Reference is hereby made to the said map, dated and filed as aforesaid for a more detailed description of the parcels to be acquired by this proceeding. The highways shown upon the said map and included in the above mentioned description are acquired in fee subject to the right of the public to travel over and upon the same until a new highway system is provided by and at the expense of the Mayor, Aldermen and Commonality of the City of New York as contemplated and provided by chapter 196 of the Laws of 1887.

Dated New York City, January 8, 1894.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York.

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 FIFTY-FIRST 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 WE, the undersigned, Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 2 Tryon Row (Room 2), in said city, on Friday, February 23, 1894, at 1 o'clock P. M., to hear any person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 2 Tryon Row; 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 9th day of March, 1894, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 9, 1894.
THOMAS D. HUSTED, Chairman,
THOMAS F. GILROY, Jr.,
ALBERT BACH,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), to CONVENT AVENUE (although not yet named by proper authority), from One Hundred and Fiftieth street to Avenue St. Nicholas, in the Twelfth 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 WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 26th day of January, 1894, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, or of the benefit and advantage, if any, 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 or avenue, herein designated as Convent avenue, and as shown and delineated on a certain map made by the Board of Street Opening and Improvement of the City of New York, under authority of chapter 360 of the Laws of 1883, and filed on or about the 1st day of December, 1893, in the office of the Department of Public Works and in the office of the Counsel to the Corporation, said map being entitled "Map showing the new avenue, to be known as Convent avenue, from the northerly line of One Hundred and Fiftieth street to the westerly line of Avenue St. Nicholas, at One Hundred and Fifty-second street, in the Twelfth Ward of the City of New York, chapter 360, Laws of 1883," and more particularly set forth in the petition of the Board of Street Opening and Improvement filed 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 or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto 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 avenue, 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. 2 Tryon Row, in the City of New York, Room No. 1, fourth floor, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice (February 6, 1894).

And we, the said Commissioners, will be in attendance at our said office on the 22nd day of March, 1894, 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 Commonality of the City of New York.

Dated New York, February 6, 1894.
SIDNEY HARRIS,
SAMUEL W. MILBANK,
MILLARD R. JONES,
Commissioners.

JOHN P. DUNN, Clerk.

THE CITY RECORD.

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W. J. K. KENNY,
Supervisor.