

# THE CITY RECORD.

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### DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1886.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET,  
NEW YORK, October 13, 1886.

Hon. WILLIAM R. GRACE, Mayor :

SIR—In compliance with section 49 of the New York City Consolidation Act of 1882, I have the honor to transmit the following report of the transactions of this Department for the quarter ending September 30, 1886 :

#### SUMMARY OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation.....	\$666,972 27
On account of Local Improvements.....	136,357 93
On account of Funded Debt, for improvement and extension of the water supply.....	57,843 62
On account of Special Fund, for restoring pavements over street openings.....	9,107 56
On account of Revenue Bonds, for furnishing and setting water-meters.....	279 58
Total.....	\$870,560 96

#### EXPENDITURES FOR NINE MONTHS ENDING SEPTEMBER 30, 1886.

Appropriation Account.....	\$1,512,682 15
For Local Improvements.....	388,233 43
Funded Debt, water supply.....	196,416 86
Special Fund, restoring pavements.....	23,452 72
Revenue Bonds, for water-meters.....	7,599 28
Total.....	\$2,128,384 44

#### SUMMARY STATEMENT OF CONTRACTS.

(Contracts entered into during the Quarter.)

14 sewer contracts, estimated cost.....	\$136,761 10
9 regulating and grading contracts, estimated cost.....	106,874 77
8 contracts for pavements payable by assessment, estimated cost.....	396,855 98
5 repaving contracts, estimated cost.....	78,940 11
1 contract for water-mains, estimated cost.....	17,908 00
15 miscellaneous contracts, estimated cost.....	18,589 08
Total.....	\$755,929 04

(Contracts completed during the Quarter.)

6 sewer contracts, cost.....	\$37,938 54
4 regulating and grading contracts, cost.....	143,194 03
1 contract for pavement payable by assessment, cost.....	5,819 02
9 repaving contracts, cost.....	96,025 73
1 contract for water-mains, cost.....	6,897 10
4 miscellaneous contracts, cost.....	57,927 98
Total.....	\$347,802 40

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

##### Sources of Water Supply.

There were only seventeen days during the past three months when the natural flow of the Croton river was sufficient to supply the Aqueduct to its full capacity, and for the remainder of the time it was necessary to draw upon the storage reservoirs and on Lakes Kirk and Gleneida, and on Barrett Pond to supply the deficiency. The total quantity of water drawn from these reservoirs and lakes is 3,300,000,000 gallons. The deficiency in the flow of the Bronx river, as compared with the normal supply required from that source, was even greater, and it was necessary to draw 1,000,000,000 gallons from the Kensico Reservoir and the Rye Ponds Reservoir. An average supply of 15,000,000 gallons per day was received through the Bronx river conduit. The work on the receiving reservoir at Williamsbridge progressed favorably during July and August, but in September the force employed by the contractors was very much decreased and the work delayed.

The rain-fall at the several stations where rain gauges are kept by the Department was as follows :

LOCATION OF RAIN GAUGES.	JULY INCHES.	AUGUST INCHES.	SEPTEMBER INCHES.	TOTAL INCHES.
Boyd's Corners Reservoir.....	4.40	3.21	2.30	9.91
South East Reservoir.....	5.33	2.92	2.69	10.94
Kensico Reservoir.....	4.51	3.36	1.13	9.00
Croton Dam.....	7.55	3.34	1.58	12.47
Central Park Reservoir.....	2.94	0.97	1.78	5.69

##### The Croton Aqueduct.

A large break occurred on the sixth division of the Aqueduct on July 11, 1886, and the water had to be shut off for three days to make the necessary repairs. This occurrence is a very forcible proof of the necessity of continuing as rapidly as possible the work of strengthening the structure where it rests on embankments. This work was carried on during the quarter to the extent that the means appropriated for the maintenance of the Aqueduct would admit.

The following are the principal items of work done :

- 1,440 cubic yards earth excavated.
- 841 cubic yards stone quarried.
- 1,368 cubic yards dry masonry walls built.
- 891 lineal feet of top arch of Aqueduct reinforced by additional courses of brick.
- 5,366 lineal feet fence built.
- 1,634 cubic yards stone masonry built.
- 198 cubic yards brick masonry built.

##### Distribution of Water.

In extending the water service into new streets, 14,242 lineal feet of 12-inch pipe and 33,142 lineal feet of 6-inch pipe were laid in 58 different streets and locations, and 58 stop-cocks and 83 fire-hydrants were placed.

##### Use and Waste of Water.

Notwithstanding the deficiency in the natural flow of the Croton river and the Bronx river, the drafts upon the water in the storage reservoirs and lakes have been sufficient to keep the Croton Aqueduct running at its full capacity, and an average quantity of 15,000,000 gallons per day has been received through the Bronx river conduit, taxing the present means of the City for water supply to their utmost capacity ; but the excess of the consumption of water over the amount received through the conduits has reduced the depth of water in the city reservoirs twenty-four inches since August 15, ultimo, equal to 60,000,000 gallons of water. This excess of consumption of water over the amount received through the two conduits which now supply the city is partly due to excessive use or waste during dry and hot weather, but, aside from that, there is a natural and permanent increase in the consumption of water caused by extending the water service into new streets and districts, by the necessity of connecting new buildings with the water service along the older mains, and by the growth of population and business throughout the city. The decrease in the depth of water in the city reservoirs and the excessive use of water at all points where there is ample pressure in the mains, or where there are mechanical appliances in buildings for pumping and raising the water to the desired elevation, and in the required quantity, has had the effect of diminishing the pressure in the mains at other locations, especially on very high ground, to such an extent that some people have been almost totally deprived of their water supply, and that, even with the use of pumps, the necessary amount of water for domestic and sanitary purposes could be secured only with great difficulty. The buildings erected in this city within the past twenty or thirty years, whether for business purposes or for dwellings, are constructed with respect to their interior arrangements, and the appliances for using water, on the expectation of having an abundant supply and pressure of water, and wherever such supply cannot be furnished, the health of the occupants in the buildings is endangered. Until an additional supply is received through the New Aqueduct, now in course of construction, this Department has to deal with the serious and difficult problem of managing the present means for collecting the city's water supply, of conducting it into the city reservoirs, and of distributing it to consumers in such manner that a sufficient amount of water can be delivered in every house for domestic, business and sanitary purposes. There is but one way in which this problem can be solved—that is, that the Department be granted the necessary means and authority to control the use of water by consumers so as to reduce the average consumption per capita, and that these means and authority, when granted, be used with proper judgment and energy. To this end it is necessary that the water-meter system be extended as rapidly as possible to all buildings which, under the law, are subject to the compulsory use of meters, and that a sufficient force of inspectors be employed to keep the water-meter system in proper working order, and to make house inspections throughout the city to detect and prevent waste of water, caused by leaks through defective plumbing arrangements and by unnecessary or lavish use of the water. This subject has been duly and carefully considered in making up the Departmental Estimate of the amounts required for the ensuing year for the care and management of the city's water supply system, and I take this opportunity of urging upon you again, as the Head of the City Government and the Chairman of the Board of Estimate and Apportionment, the necessity of granting the appropriations asked for these purposes.

During the quarter 130 additional water meters were placed, making a total of 14,330 in use on September 30, 1886.

##### BUREAU OF WATER PURVEYOR.

An average force of 310 pavers, rammers and laborers, 60 carts and 2 teams was employed during the quarter in repairs of the pavements under the care of the Department. The aggregate area of pavements repaired by this force is 81,531 square yards. 28 permits were issued to citizens to repair pavements at their own expense.

Under the appropriation for repaving streets, 46,282 square yards of pavements were laid in place of old, worn-out pavements. In 15 of the streets to be repaved under this year's appropriation the work has been finished, and in 9 of the streets it is not yet completed.

Only 2 contracts for laying pavements on new streets in the upper part of the city, to be paid for by assessment, have been finished, and the total area of pavements so laid is 4,130 square yards. There are 9 contracts for such pavements uncompleted. All the contract work on pavements, both in repaving old streets and in laying pavements in new streets, to be paid for by assessment, has been delayed in consequence of the difficulty which the contractors have experienced in obtaining the necessary number and quality of stone blocks.

The work done by private corporations and individuals in opening, removing and replacing street pavements, under the supervision of the Department, is summarized as follows :

- 4,256 openings made for water, sewer and gas connections, and for repairs of mains.
- 1,341 notices issued to repair pavements which had been imperfectly replaced.
- 1,106 places repaired in compliance with such notices.
- 58,650 lineal feet gas and steam mains laid.
- 2<sup>5</sup>/<sub>10</sub> miles double track street railway constructed.
- 7,534 lineal feet of electric conduits laid.

##### Repaving Fifth Avenue.

By direction of this Department, work was suspended on September 16, a short time after the publication of Colonel George T. Balch's report to the Commissioners of Accounts, alleging certain defects in the mode adopted by the contractor in carrying out his agreement with the City. Work was ordered to be resumed on September 25. The contractor, however, has not resumed work up to this date. In his letter dated October 2, to this Department, he states that he will not resume until payment is made for the work already done, and he accordingly demands of this Department



the proper certificate. The third certificate, which has not been signed, embraces the work done up to the 27th day of August last, for a period of time during which the present Commissioner was not in charge of the Department. In accordance with the recommendation of the Corporation Counsel, the matter in dispute has been left to the decision of two disinterested civil engineers, one appointed by this Department, and the other by the contractor, with authority to call in a third. It is hoped that this arrangement will result in the early resumption of work. The inconvenience to the residents along the avenue has been very great, owing to the large amount of pavement torn up, and the obstruction to the passage of vehicles.

## BUREAU OF SEWERS.

During the three months 10 sewer works under contract with this Department, were completed, and seven sewers were built by property-owners at their own expense on permits from, and under the supervision of, the Department. Work was in progress at the close of the quarter on 13 sewer contracts.

The aggregate quantities of work done under the several contracts, and by property-owners, under permits, are as follows :

- 10,335 lineal feet sewers built.
- 101 lineal feet culverts built.
- 14 receiving-basins built.

The present extent of the sewerage on Manhattan Island is 412 $\frac{7}{10}$  miles of sewers, with 5,054 receiving-basins.

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

- 155 lineal feet sewers rebuilt.
- 380 lineal feet sewers repaired.
- 135 lineal feet culverts rebuilt.
- 106 lineal feet spur-pipe laid.
- 61 receiving-basins repaired.
- 4 new manholes built.
- 157 manholes repaired.
- 29 new basin-heads, 53 basin covers, 34 manhole-heads, and 51 manhole covers furnished and set.
- 1,694 cubic yards of earth excavated and refilled.
- 784 receiving-basins and culverts cleaned.
- 15,995 lineal feet of sewers cleaned.
- 1,936 cart-loads of sewer deposits removed.

In his report to me, hereto annexed, the Engineer in Charge of Sewers says : "There are many of the old sewers which require much needed repairs, but owing to the limited amount of the appropriation available for this purpose, these must be deferred."

I call attention to this for the purpose of urging again, as I have done in my departmental estimate, the necessity of appropriating adequate means for the care of the sewers for the ensuing year.

## BUREAU OF STREET IMPROVEMENTS.

Work has been in progress during the quarter on 20 regulating and grading contracts, of which the following were completed :

- Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninetieth street.
- Washington street, from Twelfth to Fourteenth street.
- William street, from Duane to North William street.
- Ninety-ninth street, from Eleventh avenue to Riverside Drive.

There were also six small contracts without public letting for flagging sidewalks and fencing vacant lots.

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

- 3,783 cubic yards earth excavated.
- 20,181 cubic yards rock excavated.
- 22,311 cubic yards filling placed in embankments.
- 14,948 lineal feet curb-stones set.
- 48,095 square feet flagging laid.

## BUREAU OF STREETS AND ROADS.

This Bureau has under its charge 27 $\frac{3}{4}$  miles of macadam roadways, covering an area of 958,638 square yards, and about 40 miles of unpaved streets and country roadways in the upper part of the city. The macadam roads were nearly all built from ten to fifteen years ago, and were intended principally for suburban pleasure drives, but with the growth of buildings and population in that section of the city, they are now subjected to heavy business traffic as other streets of the city. This causes an unusual amount of wear and tear and of labor and expense to keep them in proper condition. A very large portion of the expense is for sprinkling the roads to prevent excessive dust, and the more the roadways are worn the more sprinkling they require. While the roads are now probably in better condition than they have been for some years past, they are far from being in the condition in which they should be to serve either the purposes of pleasure drives or of ordinary street traffic. Unless more labor and material is used upon them in the future to keep the road surfaces firm and smooth, and free from excessive dust in dry weather, or mud in wet weather, they will, instead of a public convenience, become a nuisance and annoyance to the people who have to travel over them and to those who live in their vicinity.

Extensive repairs have been made on several of the unpaved roads and streets in the northerly end of the island, principally on Kingsbridge road, Inwood street, F street and Fort Washington Depot lane.

## BUREAU OF LAMPS AND GAS.

At the beginning of the quarter there were in use in the streets, avenues, roads, parks, places, docks and bridges of the city 23,732 gas-lamps, 711 electric lights and 114 naphtha lamps ; and during the quarter 198 new gas-lamps and six new naphtha-lamps were erected and lighted ; 62 gas-lamps were relighted and 84 were discontinued, making the total number of public lamps at the close of the quarter, as follows :

- 23,908 gas-lamps.
- 711 electric lights.
- 120 naphtha lamps.

At the photometric stations, operated by the Department in Grand street and in Seventy-ninth street, the tests of the gas furnished by the several gas companies have been continued, and show that the gas is equal to the quality required by the City's contracts.

## BUREAU OF REPAIRS AND SUPPLIES.

The principal items of work done in the repairs and care of public buildings during the quarter are as follows :

*New Court-house.*

Cleaning and painting the walls, ceilings and wood-work in the office of the County Clerk, the Surrogate and the Superior Court ; repairing and improving the heating-apparatus and making necessary repairs to roof and to windows and doors, to place them in proper condition for the ensuing winter season.

*City Hall.*

Fitting-up Room No. 13 as a committee room for the Board of Aldermen, and furnishing a new case of drawers and pigeon-holes for the offices of the Civil Service Board.

*Brown-stone Court-house.*

Placing electric wires and annunciators in the several rooms occupied by the District Attorney and his assistants ; introducing a new system of ventilation under contract with the Stafford Ventilating Company.

*The County Jail.*

General repairs to the cell doors, furnace walls of the boiler, the window frames and sashes and the flooring in the warden's room.

*Public Markets.*

The alterations and extensions on the Washington street side of Washington Market have been completed, and improvements have been made on the sky-lights and roof. Considerable repairs were made on Centre Market building. Fulton, Washington and Centre Markets have been supplied with fire-hose.

*Seventh Regiment Armory.*

The repairs to the roof and other parts of this building, under the special appropriation made for that purpose, have been vigorously progressed and will soon be completed.

*The Public Baths.*

The attendance at the eleven public baths for the three months was as follows :

LOCATION OF BATHS.	MALES.	FEMALES.	TOTAL.
Gouverneur street, East river.....	270,405	127,648	398,053
Fifth street, East river.....	300,213	103,161	403,374
Nineteenth street, East river.....	250,410	124,931	375,341
Thirty-seventh street, East river.....	205,250	101,078	306,328
One Hundred and Twelfth street, Harlem river.....	118,487	40,118	158,605
Port Morris, East river.....	22,932	8,489	31,421
Battery, North river.....	263,375	110,741	374,116
Duane street, North river.....	43,210	22,825	66,035
Horatio street, North river.....	215,615	34,483	250,098
Twenty-seventh street, North river.....	127,767	43,786	171,553
Fifty-first street, North river.....	124,843	56,237	181,080
Total.....	1,942,007	773,497	2,715,504

## BUREAU OF INCUMBRANCES.

The following is a summary of the work done by this Bureau during the quarter :

- 138 complaints of obstructions received and attended to.
- 370 seizures and removals of obstructions made.
- 37 cart-loads of stone and other refuse material removed from streets.
- 95 decayed and dangerous shade trees removed.
- 1,836 permits issued to place building material on streets.
- 11 permits issued to cut down shade trees.
- 154 miscellaneous permits issued.

## BUREAU OF WATER REGISTER.

The following is the amount of revenue collected from the water service during the three months :

For water rents.....	\$1,027,849 07
For penalties on water rents.....	2,826 05
For permits to tap water pipes.....	4,476 50
Total.....	\$1,035,151 62

*Miscellaneous Revenue.*

The Department also collected and paid into the City Treasury the following amounts from various sources :

For vault permits.....	\$30,849 05
For sewer permits.....	10,812 84
For restoration of pavements over excavations.....	9,863 00
For furnishing and setting water meters.....	5,274 75
For rent of sprinkling wagons.....	39 00
For redemption and sale of articles removed as obstructions.....	710 19
For work done and materials furnished to citizens.....	68 36
For articles sold at public auction.....	170 83
On account of old water meters.....	68 84
Total.....	\$57,856 86

The following documents, appended to this report, contain further details of the operations of this Department :

- Document A—Statement of appropriations and expenditures.
- Document B—Detailed statement of expenditures.
- Document C—Statement of contracts made and contracts completed.
- Document D—Report of Chief Engineer of the Croton Aqueduct.
- Document E—Report of the Water Purveyor.
- Document F—Report of the Engineer in Charge of Sewers.
- Document G—Report of the Superintendent of Street Improvements.
- Document H—Report of Superintendent of Streets and Roads.
- 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 Water Register.

Very respectfully,

JOHN NEWTON, Commissioner of Public Works.



## Document "A."

Showing Titles of Appropriations; Balances of 1885 on July 1, 1886; Requisitions on 1885 in Third Quarter of 1886; Balances of 1885 on October 1, 1886; Appropriations of 1886; Requisitions, First Six Months of 1886; Requisitions, Third Quarter, 1886; Balances on October 1, 1886; the Titles and Expenditures on Trust and Special Accounts, and Receipts for the first Six Months of 1886; and those for the Third Quarter of 1886.

TITLES OF APPROPRIATIONS.	Balances of 1885 on July 1, 1886.	Requisitions on 1885 in Third Quarter, 1886.	Balance of 1885 on October 1, 1886.	Appropriations for 1886.	Requisitions, First Six Months, 1886.	Requisitions, Third Quarter, 1886.	Balances on October 1, 1886.
Aqueduct—Repairs, Maintenance and Strengthening.....	\$445 38	.....	\$445 38	\$225,000 00	\$67,906 18	\$53,415 39	\$103,678 43
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	10	.....	10	25,000 00	12,031 81	4,245 75	8,122 44
Boring Examinations for Grading and Sewer Contracts.....	.....	.....	.....	10,000 00	369 12	1,337 00	8,293 88
Boulevards, Roads and Avenues, Maintenance of.....	892 81	.....	892 81	80,000 00	31,568 53	21,282 19	27,149 28
Boulevards, Roads and Avenues, Maintenance of—Salaries.....	5 00	.....	5 00	.....	.....	.....	.....
Bronx River Works—Maintenance and Repairs.....	216 54	.....	216 54	17,990 00	6,817 00	2,606 80	8,566 20
Bronx River Works—Maintenance and Repairs—Salaries.....	100 00	.....	100 00	3,650 00	1,650 00	550 00	1,450 00
Contingencies—Department of Public Works.....	224 14	\$8 45	215 69	4,000 00	792 72	1,137 52	2,059 76
Flagging Sidewalks and Fencing Vacant Lots, etc.....	3 12	.....	3 12	1,000 00	113 62	.....	880 38
For an Iron Awning around Jefferson Market Building.....	43 00	.....	43 00	.....	.....	.....	.....
For Additions to the Brown-stone Building.....	.....	.....	.....	35,000 00	425 00	.....	34,575 00
For Repairs and Alterations on Essex Market Court-house.....	159 07	.....	159 07	.....	.....	.....	.....
For Repairs to Seventh Regiment Armory Building.....	.....	.....	.....	3,000 00	.....	1,254 83	1,745 17
For Repairs on Essex Market Building.....	86 64	.....	86 64	.....	.....	.....	.....
For Street Signs on Buildings and Public Lamps.....	.....	.....	.....	5,000 00	570 00	475 00	3,955 00
Free Floating Baths.....	1 58	.....	1 58	15,000 00	2,548 18	9,405 21	3,046 61
Free Floating Baths—Salaries.....	1 00	.....	1 00	20,000 00	1,722 00	10,476 00	7,802 00
Lamps and Gas and Electric Lighting.....	28 79	.....	28 79	718,800 00	297,536 71	119,419 82	301,843 47
Lamps and Gas and Electric Lighting—Salaries.....	316 72	.....	316 72	5,400 00	2,649 97	866 66	1,883 37
Laying Croton Pipes.....	26,483 74	18,377 51	8,106 23	186,000 00	22,727 97	55,541 61	107,730 42
Laying Croton Pipes—Salaries.....	2 84	.....	2 84	14,000 00	7,657 98	2,793 49	3,548 53
Public Buildings—Construction and Repairs.....	168 32	.....	168 32	57,000 00	26,405 56	18,867 97	11,726 47
Public Drinking-hydrants.....	792 20	735 00	57 20	5,000 00	516 15	1,437 87	3,045 98
Public Drinking-hydrants—Salaries.....	.....	.....	.....	1,000 00	465 03	166 66	368 31
Removing Obstructions in Streets and Avenues.....	.....	.....	.....	6,884 00	1,338 67	1,076 10	4,469 23
Removing Obstructions in Streets and Avenues—Salaries.....	08	.....	08	3,116 00	1,333 33	450 76	1,331 91
Repairing and Renewal of Pipes, Stop-cocks, etc.....	77 02	.....	77 02	131,500 00	64,841 18	33,549 96	33,108 86
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	4 40	.....	4 40	43,500 00	21,650 40	6,578 54	15,271 06
Repairs and Renewal of Pavements and Regrading.....	82 25	.....	82 25	238,000 00	22,632 87	68,115 70	147,251 43
Repairs and Renewal of Pavements and Regrading—Salaries.....	113 01	.....	113 01	12,000 00	4,427 50	1,612 00	5,960 50
Repaving Fifth Avenue.....	150,000 00	.....	150,000 00	294,000 00	17,844 73	54,308 80	221,846 47
Repaving Streets and Avenues.....	5,397 14	4,077 77	1,319 37	200,000 00	1,618 55	89,146 00	109,235 45
Repaving Streets and Avenues—Salaries.....	2,010 00	.....	2,010 00	8,000 00	126 00	1,182 00	6,692 00
Roads, Streets and Avenues Unpaved, Maintenance and Sprinkling.....	68 39	.....	68 39	25,000 00	7,741 96	9,887 05	7,370 99
Salaries—Department of Public Works.....	26 56	.....	26 56	85,000 00	41,001 50	20,025 65	23,972 85
Sewers—Repairing and Cleaning.....	13 54	.....	13 54	110,000 00	46,875 67	22,394 16	20,730 17
Sewers—Repairing and Cleaning—Salaries.....	1 52	.....	1 52	9,000 00	4,310 00	1,254 00	3,435 00
Sewerage System—Salaries.....	46	.....	46	15,000 00	6,518 12	1,993 50	6,488 32
Street Improvements—For Surveying, Monumenting, etc.....	910 00	.....	910 00	3,000 00	545 60	616 00	1,818 40
Supplies for and Cleaning Public Offices.....	1,230 44	.....	1,230 44	100,000 00	50,687 44	12,331 75	36,680 81
Supplies for and Cleaning Public Offices—Salaries.....	19 58	.....	19 58	25,000 00	12,755 97	3,562 79	8,681 24
Surveys, Maps, etc., for Street Openings and New Streets.....	06	.....	06	15,000 00	4,271 06	750 00	9,978 94
Supplying Water to Shipping, etc.—Salaries.....	50	.....	50	9,000 00	3,895 48	1,639 98	3,464 54
Water Supply for the Twenty-fourth Ward.....	663 92	.....	663 92	5,000 00	1,732 08	1,158 98	2,108 94
Water Supply for the Twenty-fourth Ward—Salaries.....	.....	.....	.....	1,000 00	459 00	156 00	385 00
Wells and Pumps—Repairing and Cleaning.....	224 25	.....	224 25	250 00	.....	.....	250 00
Totals.....	\$190,814 11	\$23,198 73	\$167,615 38	\$2,771,090 00	\$801,686 64	\$637,069 55	\$1,339,333 81

Amount drawn on Laying Croton Pipes, of 1884, \$1,554 67; on Iron Bridge over Fourth avenue, at Ninety-eighth street, of 1884, \$5,149 32. Total, \$6,703 99.

TITLES OF TRUST ACCOUNTS.	Balances from 1885, and Receipts, First and Second Quarters, 1886.	Receipts, Third Quarter, 1886.	Requisitions, First Quarter, 1886.	Requisitions, Second Quarter, 1886.	Requisitions, Third Quarter, 1886.	Balances, October 1, 1886.
Croton Water Fund.....	.....	.....	\$58,438 23	\$80,135 01	\$57,843 62	.....
Fund for Local Improvements.....	.....	.....	72,465 00	179,410 50	136,357 93	.....
Restoring and Repaving—Special Fund—Department of Public Works.....	\$25,114 86	\$9,863 00	4,064 30	10,280 86	9,107 56	\$11,525 14
Water Meter Fund, No. 2.....	27,682 45	5,274 75	5,265 49	2,054 21	279 58	25,357 92

Statement of General Bookkeeper, Department of Public Works, showing all Revenues of the City received through the Department during the First Three Quarters, 1886.

SOURCE OF REVENUE.	FIRST AND SECOND QUARTERS.	THIRD QUARTER.	TOTALS.	SOURCE OF REVENUE.	FIRST AND SECOND QUARTERS.	THIRD QUARTER.	TOTALS.
Water rents.....	\$985,060 00	\$1,027,849 07	\$2,012,909 07	Sales at public auction.....	\$359 11	\$170 83	\$529 94
Water penalties.....	4,955 50	2,826 05	7,781 55	Total.....	\$1,038,868 30	\$1,077,801 89	\$2,116,670 19
Pipe tapping.....	5,752 00	4,476 50	10,228 50	MEM.—Receipts from Old Account.	.....	.....	.....
Sewer permits.....	15,414 33	10,812 84	26,227 17	Water Meter Fund, No. 1.....	.....	.....	\$68 84
Vault permits.....	26,361 82	30,840 05	57,201 87				
Redemption and sale of street obstructions.....	593 76	710 19	1,303 95				
Use of sprinkling wagons.....	68 00	39 00	107 00				
Use of steam rollers and derricks.....	177 75	.....	177 75				
Work done and material furnished citizens.....	120 03	68 36	188 39				

C. T. MCCLLENACHAN, 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, 1886.

## APPROPRIATIONS.

Aqueduct—Repairs, Maintenance, etc.—	
Blacksmithing.....	\$310 41
Brick, cement, etc.....	2,261 25
Coal.....	1,181 46
Horse feed.....	57 49
Lumber.....	655 00
Oil.....	305 25
Paint.....	229 69
Painting.....	525 00
Pay-rolls.....	44,189 72
Repairing plumbing.....	83 66
“ roofs.....	1,016 24
“ tools.....	389 93
Rent of offices.....	106 25
Seed, shrubs, etc.....	106 50
Stone and sand.....	1,095 00
Taxes.....	22 83
Tools and supplies.....	681 97
Traveling expenses.....	197 74
Total.....	\$53,415 39
Boring Examinations for Grading and Sewer Contracts—	
Pay-rolls.....	\$1,337 00
Boulevards, Roads, etc., Maintenance of—	
Coal.....	\$10 00
Horse-hire.....	90 00
Lumber.....	50 57
Pay-rolls.....	19,770 48
Removing rollers.....	10 00
Repairing sprinklers.....	41 20
Screenings and gravel.....	763 51
Supplies.....	135 03
Stone.....	295 00
Trucking stone.....	116 40
Total.....	\$21,282 19

Bronx River Works—Maintenance and Repairing—	
Paint.....	\$195 00
Pay-rolls.....	2,334 00
Tools.....	39 15
Range.....	38 65
Total.....	\$2,606 80
Contingencies—Department of Public Works—	
Horse-hire.....	\$225 00
Incidental expenses.....	291 55
Postage stamps.....	201 00
Traveling expenses.....	419 97
Total.....	\$1,137 52
Contingencies—Department of Public Works, 1885—	
Incidental expenses.....	\$8 45
Free Floating Baths—	
Altering hand-rail.....	\$14 90
Building platform.....	39 28
Duck caps and badges.....	49 50
Gas-fitting, etc.....	619 76
Horse-hire.....	239 96
Mooring baths.....	139 75
Painting baths.....	2,035 00
Repairing baths.....	2,015 48
“ gangways.....	73 66
“ gas-pipes.....	17 64
“ pumps.....	8 53
“ tanks.....	2,256 65
Sign-boards.....	18 60
Storing baths.....	931 50
Towing and placing baths.....	525 00
Wharfage.....	420 00
Total.....	\$9,405 21



## For Repairs to Seventh Regiment Armory Building—

Repairing roof.....	\$165 97
Repairing rifle-range.....	503 86
Painting.....	585 00
Total.....	\$1,254 83

## For Street Signs on Buildings and Public Lamps—

Glass street signs.....	\$475 00
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## Lamps and Gas and Electric Lighting—

Brass frames.....	\$18 00
Gas examinations.....	236 00
Lamps.....	1,261 50
Lamp-globes.....	650 00
Lamp-irons.....	228 00
Lamp-posts.....	1,540 00
Office rent.....	240 00
Pay-rolls.....	359 00
Traveling expenses.....	96 80
Lighting Armory, First Battery.....	19 46
“ “ Second Battery.....	51 66
“ “ Seventh Regiment.....	184 95
“ “ Eighth “.....	140 55
“ “ Ninth “.....	153 30
“ “ Eleventh “.....	62 30
“ “ Twelfth “.....	74 76
“ “ Twenty-second Regiment.....	290 50
“ “ Sixty-ninth “.....	126 14
“ “ Seventy-first “.....	98 00
“ Brown-stone Building.....	70 35
“ City Hall.....	335 40
“ CITY RECORD Bindery.....	75
“ County Jail.....	225 12
“ Court, Civil, First District.....	30
“ “ Second “.....	18 90
“ “ Fourth “.....	9 66
“ “ Fifth “.....	25 06
“ “ Sixth “.....	4 20
“ “ Eighth “.....	8 85
“ “ Ninth “.....	10 35
“ “ Tenth “.....	2 33
“ Court, Police, First “.....	244 35
“ “ Second “.....	53 06
“ “ Third “.....	28 28
“ “ Fourth “.....	83 72
“ “ Fifth “.....	2 85
“ Court, Special Sessions.....	45
“ Court-house, Third District (clock).....	142 24
“ “ New.....	1,023 30
“ Department of Public Works.....	213 30
“ “ Taxes and Assessments.....	4 95
“ Engine-house, High Bridge.....	68 55
“ “ Ninety-eighth street.....	126 45
“ Market, Catharine.....	40 05
“ “ Centre.....	22 50
“ “ Clinton.....	136 20
“ “ Essex.....	21 56
“ “ Fulton.....	803 10
“ “ Jefferson.....	123 20
“ “ Tompkins.....	117 46
“ “ Union.....	4 80
“ “ Washington.....	633 45
“ Office Corporation Attorney.....	53 40
“ “ Corporation Counsel.....	1 95
“ “ Photometer.....	14 87
“ “ Receiver of Taxes.....	203 85
“ Repair Shop, Thirtieth street.....	7 65
“ “ Eighty-third street.....	4 05
“ “ One Hundred and Twenty-ninth street.....	10 35
“ Rivington Street Yard.....	45
“ South Gate-house.....	73 65
“ Bath, Battery.....	18 60
“ “ Duane street.....	11 25
“ “ Gouverneur Slip.....	14 10
“ “ Horatio street.....	21 30
“ “ Fifth street.....	19 65
“ “ Nineteenth street.....	19 35
“ “ Twenty-seventh street.....	25 05
“ “ Thirty-seventh street.....	20 55
“ “ Fifty-first street.....	18 15
“ “ One Hundred and Twelfth street.....	14 25
“ Streets, Central Gas-light Co.....	10,955 98
“ “ Consolidated “.....	52,377 45
“ “ Equitable “.....	3,417 47
“ “ New York Mutual Gas-light Co.....	609 66
“ “ New York and New Jersey Globe Gas-light Co.....	448 27
“ “ Northern Gas-light Co.....	8,649 91
“ “ Yonkers.....	1,685 00
“ “ Brush Electric Illuminating Co.....	14,824 60
“ “ United States Illuminating Co.....	15,463 00
Total.....	\$119,419 82

## Laying Croton Pipes—

Cast-iron pipe.....	\$26,221 49
Horse-hire.....	387 00
Pay-rolls.....	3,294 75
Hydrant-boxes, etc.....	353 50
Stop-cocks and hydrants.....	5,753 80
Traveling expenses.....	60 69
Relaying gas-pipes.....	852 08
Laying pipe, One Hundred and Fifteenth street, between Avenue A and two hundred and fifty feet east.....	158 75
Laying pipe, Lexington avenue, between One Hundred and Nineteenth and One Hundred and Twentieth streets.....	213 90
Laying pipe, Ninth and Eighth streets, St. Nicholas and Madison avenues.....	6,552 20
Laying pipe, One Hundred and Nineteenth street, between Fifth and Madison avenues.....	394 55
Laying pipe, One Hundred and Nineteenth street, between Sixth and Seventh avenues.....	334 25
Laying pipe, Broadway, between One Hundred and Twenty-ninth and Manhattan streets.....	162 45
Laying pipe, Fairmount and Columbia avenues, etc.....	4,416 07
“ Eighty-fifth street, between Eighth and Ninth avenues.....	506 75
“ Tenth avenue, between Ninety-fourth and Ninety-fifth streets.....	140 85
“ Tenth avenue, between Seventy-ninth and Eightieth streets.....	215 45
Laying pipe, One Hundred and Thirty-sixth street, between Eighth and St. Nicholas avenues.....	268 90
Laying pipe, West End avenue, between One Hundred and First and One Hundred and Second streets.....	149 80
Laying pipe, Ninety-eighth street, between Ninth and Tenth avenues.....	468 45
“ Eightieth street, between Ninth and Tenth avenues.....	486 55
Laying pipe, One Hundred and Fifty-third street, between Tenth avenue and Boulevard.....	432 25
Laying pipe, Ninety-fifth and One Hundred and Eighty-third streets, Sixth and Eleventh avenues, etc.....	
Total.....	\$55,541 61

## Laying Croton Pipes, 1885—

Cast-iron pipe.....	\$13,912 79
Laying pipe, Eleventh avenue, between Seventy-eighth and Seventy-ninth streets.....	170 05
Laying pipe, One Hundred and Thirty-fourth, Ninety-fourth and Seventy-second streets, etc.....	4,294 67
Total.....	\$18,377 51

## Laying Croton Pipes, 1884—

Laying pipe, Marion, Railroad and Eighth avenues, etc.....	1,154 00
Laying pipe, One Hundred and Forty-sixth street, Bridge, and One Hundred and Fortieth street, etc.....	400 67
Total.....	\$1,554 67

## Public Buildings—Construction and Repairs—

Armory, Sixty-ninth Regiment.....	\$248 37
Brown-stone Building.....	4,295 25
Bureau Repairs and Supplies.....	543 31
City Hall.....	243 36
County Jail.....	858 08
Court, Civil, First District.....	40 86
“ “ Eighth “.....	165 55
“ “ Police, Third District.....	6 00
Court-house, Third District.....	645 53
“ “ Seventh “.....	60 15
“ “ New.....	2,184 87
Hall of Records.....	48 14
Market, Centre.....	224 40
“ “ Essex.....	286 25
“ “ Fulton.....	623 24
“ “ Washington.....	1,268 52
Twenty-fourth Street Yard.....	4,815 30
No. 2 Tryon Row.....	898 50
No. 31 Chambers street.....	1,067 54
Pay-rolls.....	344 75
Total.....	\$18,867 97

## Public Drinking-hydrants—

Repairing hydrants.....	\$1,437 87
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## Public Drinking-hydrants, 1885—

Hydrants.....	\$735 00
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## Removing Obstructions in Streets and Avenues—

Removing obstructions.....	\$547 45
“ trees.....	416 50
Traveling expenses.....	112 15
Total.....	\$1,076 10

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

Boxing main over Bridge.....	\$309 07
Cement.....	25 50
Chairs.....	9 00
Coke, wood, etc.....	101 25
Hydrant boxes, etc.....	1,010 00
Lead.....	491 42
Lumber.....	393 06
Meters.....	807 00
Paint.....	73 55
Pay-rolls.....	24,716 06
Placing water-closets.....	50 06
Relaying pipe.....	383 00
“ gas-pipe.....	94 52
Repairing hydrants.....	1,219 26
Replacing boiler.....	35 00
Stop-cocks, etc.....	2,500 42
Stop-cock boxes and covers.....	625 00
Tapping cocks.....	225 00
Telephone service.....	227 45
Traveling expenses.....	71 22
Supplies.....	183 12
Total.....	\$33,549 96

## Repairs and Renewal of Pavements and Regrading—

Bridge-stone.....	\$1,687 42
Horse-keeping.....	121 75
Oil.....	39 60
Redressing granite blocks.....	105 30
Repairing pavement.....	691 51
“ tools.....	323 45
“ wagon.....	114 48
Traveling expenses.....	83 25
Pay-rolls.....	64,948 94
Total.....	\$68,115 70

## Repaving Fifth avenue—

Pay-rolls.....	\$546 00
Contract work.....	53,762 80
Total.....	\$54,308 80

## Repaving Streets and Avenues—

Avenue B, between Fourteenth and Nineteenth streets.....	\$9,750 45
Cannon and Jackson streets.....	6,405 00
Cornelia and Downing streets.....	5,399 40
Grand street and Washington place.....	14,128 74
Greene street, between Canal and Bleecker streets.....	18,459 70
Jones and Leroy streets.....	6,625 94
Monroe street, between Clinton and Gouverneur streets.....	6,100 85
Ridge street, between Division and Stanton streets.....	8,301 07
Sheriff street and Centre Market place.....	5,553 65
Suffolk street, between Division and Rivington streets.....	8,421 20
Total.....	\$89,146 00

## Repaving Streets and Avenues, 1885—

Essex street, between Houston and Division streets.....	\$755 10
Monroe street, between Catharine and Clinton streets.....	768 17
Fourth street, between Bowery and Avenue B.....	848 80
Fifth street, between Bowery and Lewis street.....	1,433 20
Forty-seventh street, between Tenth and Eleventh avenues.....	272 50
Total.....	\$4,077 77

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

Filling.....	\$872 80
Horse-hire.....	90 00
Pay-rolls.....	8,030 75
Screenings.....	893 50
Total.....	\$9,887 05



## Sewers—Repairing and Cleaning—

Basin covers	\$62 50
Basin-heads	790 00
Brass moulds	37 20
Brick, cement, etc.	352 50
Horse-keeping	270 00
Manhole heads and covers	500 28
Moving house	135 00
Lettering and tin	26 82
Pay-rolls	12,696 62
Repairing and cleaning sewers	7,324 72
“ tools	20 70
“ instruments	12 10
Rod and target	12 80
Supplies	152 92

Total ..... \$22,394 16

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

Pay-rolls	\$156 00
Setting monuments	460 00

Total ..... \$616 00

## Supplies for and Cleaning Public Offices—

Board of Aldermen	\$78 72
Brown-stone Building	16 50
Bureau Repairs and Supplies	691 91
City Hall	290 71
Court, Common Pleas	24 00
“ Civil, Fifth District	497 32
Court-house, New	105 47
Department of Finance	22 50
“ Public Works	298 10
“ Taxes and Assessments	6 00
Office Corporation Counsel	61 50
“ County Clerk	388 95
“ District Attorney	40 00
“ Commissioner of Jurors	3 00
“ Surrogate	17 50
Market, Essex	1 50
Pay-rolls	9,784 57
Twenty-fourth Street Yard	3 50

Total ..... \$12,331 75

## Surveys, Maps, etc., for Street Openings—

Pay-rolls	\$750 00
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## Water Supply for the Twenty-fourth Ward—

Supply of water	\$1,158 98
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## Iron Bridge—Over Fourth Avenue at Ninety-eighth Street, 1884—

Inspecting	\$312 00
Building bridge	4,837 32

Total ..... \$5,149 32

## RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening	\$53,415 39
Aqueduct—Repairs, Maintenance and Strengthening—Salaries	4,245 75
Boring Examinations for Grading and Sewer Contracts	1,337 00
Boulevards, Roads and Avenues, Maintenance of	21,282 19
Bronx River Works—Maintenance and Repairs	2,606 80
Bronx River Works—Maintenance and Repairs—Salaries	550 00
Contingencies—Department of Public Works	1,137 52
Contingencies—Department of Public Works, 1885	8 45
Free Floating Baths	9,405 21
Free Floating Baths—Salaries	10,476 00
For Repairs to Seventh Regiment Armory Building	1,254 83
For Street Signs on Buildings and Public Lamps	475 00
For an Iron Bridge over Fourth Avenue at Ninety-eighth Street, 1884	5,149 32
Lamps and Gas and Electric Lighting	119,419 82
Lamps and Gas and Electric Lighting—Salaries	866 66
Laying Croton Pipes	55,541 61
Laying Croton Pipes, 1885	18,377 51
Laying Croton Pipes, 1884	1,154 67
Laying Croton Pipes—Salaries	2,793 49
Public Buildings—Construction and Repairs	18,867 97
Public Drinking-hydrants	1,437 87
Public Drinking-hydrants, 1885	735 00
Public Drinking-hydrants—Salaries	166 66
Removing Obstructions in Streets and Avenues	1,076 10
Removing Obstructions in Streets and Avenues—Salaries	450 76
Repairing and Renewal of Pipes, Stop-cocks, etc.	33,549 96
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries	6,578 54
Repairs and Renewal of Pavements and Regrading	68,115 70
Repairs and Renewal of Pavements and Regrading—Salaries	1,612 00
Repaving Fifth Avenue	54,308 80
Repaving Streets and Avenues	59,146 00
Repaving Streets and Avenues, 1885	4,077 77
Repaving Streets and Avenues—Salaries	1,182 00
Roads, Streets and Avenues, Unpaved—Maintenance, etc.	9,887 05
Salaries—Department of Public Works	20,025 65
Sewers—Repairing and Cleaning	22,394 16
Sewers—Repairing and Cleaning—Salaries	1,254 00
Sewerage System—Salaries	1,993 56
Street Improvements—For Surveying, Monumenting, etc.	616 00
Supplies for and Cleaning Public Offices	12,331 75
Supplies for and Cleaning Public Offices—Salaries	3,562 79
Surveys, Maps, etc., for Street Openings, etc.	750 00
Supplying Water to Shipping, etc.—Salaries	1,639 98
Water Supply for the Twenty-fourth Ward	1,158 98
Water Supply for the Twenty-fourth Ward—Salaries	156 00

Total ..... \$666,972 27

## TRUST ACCOUNTS.

## CROTON WATER FUND.

Building Reservoir at Williamsbridge	\$37,071 00
Clerical services	456 05
Drawing materials	165 98
Horse-keeping, etc.	478 50
Land	1,626 00
Pay-rolls	16,537 11
Rent of office	240 00
Rent of mill seat	300 00
Repairing, etc., buggy	45 55
Repairing instruments	10 60
Traveling expenses	912 85

Total ..... \$57,843 64

## FUND FOR LOCAL IMPROVEMENTS.

Paving—	
Eighty-second street, between Avenues A and B	\$4,362 40
One Hundred and Thirty-third street, between Seventh and Eighth avenues	5,245 53

\$9,607 93

## Regulating, grading, etc.—

One Hundred and Fifty-fifth street, between Eighth avenue and McComb's Dam road	\$2,205 00
Washington street, between Thirteenth and Fourteenth streets	3,383 25
One Hundred and Thirty-third street, between Eighth and St. Nicholas avenues	1,006 36
One Hundred and Fifty-fifth street, between Eighth and first new avenue west of Eighth avenue	1,260 00

7,854 61

## Sewers—

One Hundred and Fourteenth street, between Fourth and Sixth avenues	\$5,085 77
One Hundred and Sixth street, between summits east and west of Tenth avenue	3,753 93
Ninety-fifth street, between Ninth and Tenth avenues	3,026 10
One Hundred and Sixth street, between Boulevard and summit east	1,633 27
Eighty-seventh street, between Tenth avenue and Riverside Drive	3,809 05
Attorney street, between Stanton and Rivington streets	1,885 50
Ninety-seventh street, between Boulevard and Riverside Drive	2,794 03
Ninety-fourth street, between Eighth and Ninth avenues	3,328 50
Forsyth street, between Stanton and Houston streets	1,390 37
One Hundred and Seventeenth street, between Fifth and Sixth avenues, etc.	1,854 30
Sixty-seventh, Sixty-eighth and Sixty-ninth streets, between West End avenue and N. Y. C. R. R.	1,750 18
Lexington avenue, between Eighty-third and Eighty-fifth streets	2,231 25
Removing and relaying gas-pipe	34 87

32,577 12

## Pay-rolls—

Paving—Inspectors	\$220 50
Regulating, Grading, etc.—Inspectors	969 00
Sewers—Engineers	5,102 65

6,292 15

\$56,744 31

## LOCAL IMPROVEMENT FUND.

Paving—	
First avenue, between Ninety-second and One Hundred and Ninth streets	\$2,855 20

## Regulating, Grading, etc.—

Ninety-third street, between West End avenue and Riverside Drive	\$4,683 00
Kingsbridge road, between One Hundred and Fifty-fifth and One Hundred and Ninetieth streets	27,947 16
One Hundred and Sixty-second street, between Tenth avenue and Kingsbridge road	139 13
Fort Washington Ridge road	7,647 50
West End avenue, between Seventy-second street and Boulevard	11,326 00
Seventy-fourth street, between Eighth avenue and Riverside Drive	573 29
Ninety-fourth street, between Boulevard and Riverside Drive	5,542 00
One Hundred and Eighteenth street, between Fourth and Sixth avenues	7,174 22
One Hundred and First street, between Third and Fourth avenues	228 75
One Hundred and Sixth street, between Tenth avenue and Boulevard	203 38
Sixty-second street, between Tenth and Eleventh avenues	200 00

63,664 43

## Sewer—

Tenth avenue, east side, between One Hundred and Sixty-second and One Hundred and Seventieth streets, etc.	\$2,344 30
Lexington avenue, between Ninety-fifth and Ninety-seventh streets	2,047 18
Macdougall street, between West Fourth street and West Washington place	44 25
Fifteenth street, between Irving place and Fourth avenue	15 25
Fifty-second street, between Third and Lexington avenues	3 10
Eighty-fourth street, between Tenth avenue and Riverside Drive	337 50
Eighty-eighth, Eighty-ninth and Ninetieth streets, between Ninth and Tenth avenues	634 20
Removing and relaying gas-pipe	108 80

6,134 58

## Surveyor's fees

3,233 62

## Pay-rolls—

Regulating, grading, etc.—Inspectors	\$1,128 00
Sewers—Engineers	403 68

1,531 68

\$77,419 51

## STREET IMPROVEMENT FUND.

Pay-rolls—Paving	\$21 00
Regulating grading, etc.	99 00
Sewers	195 36

\$315 36

## Surveyor's fees

1,878 75

Total ..... \$2,194 11

## RESTORING AND REPAVING—SPECIAL FUND.

Pay-rolls	\$1,073 75
Restoring pavements	7,700 00
Sand	234 56
Traveling expenses	99 25

Total ..... \$9,107 56

## WATER-METER FUND, NO. 2.

Setting meters	\$279 58
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## RECAPITULATION OF TRUSTS.

Croton Water Fund	\$57,843 62
Fund for Local Improvements	56,744 31
Local Improvement Fund	77,419 51
Street Improvement Fund	2,194 11
Restoring and Repaving—Special Fund	9,107 56
Water-meter Fund, No. 2	279 58

Total ..... \$203,588 69

## GENERAL SUMMARY.

Appropriations	\$666,972 27
Trust Accounts	203,588 69

Total Requisitions during quarter.. \$870,560 96



## Document "C."

Contracts Made during the Three Months ending September 30, 1886.

Date of Contract.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.	Date of Contract.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
1886.					1886.				
Sept. 1					Sept. 1	Paving with granite-block pavement, One Hundred and Third street, from First to Second avenue.....	William A. Cumming, 5 Dey street.....	Julius A. Candee, Foot East 26th street James Sinclair, Foot East 29th street	\$6,621 c6
									\$396,855 98
Aug. 25	Sewer in Ninety-second street, between Ninth avenue and Boulevard, and in Tenth avenue, east and west sides, between Ninety-second and Ninety-third streets..	William Mansfield, 3033 Third avenue..	L. A. Fullgraff, 1012 Delmonico pl. Adolph G. Hupfel, 163d st. near 3d ave.	\$13,491 00	July 17	Paving with granite-block pavement, Greene street, from Canal to Bleeker street.....	John G. Smith, 329 West 48th street,	James Baird, 310 East 57th street. John F. Moore, 514 West 105th street	\$20,651 75
" 25	Sewer in Seventy-sixth street, between Avenue A and East river..	Patrick Reilly, 185 East 80th street.	Thomas Gearty, 135 East 83d street.. Patrick Sheehy, 1601 Madison avenue.	9,351 80	" 17	Paving with granite-block pavement, Fifteenth street, from First to Second avenue; Nineteenth street, from First to Second avenue, and Twenty-fifth street, from First avenue to East river.....	John G. Smith, 329 West 48th street.	James Baird, 310 East 57th street.. John F. Moore, 514 West 105th street	16,971 40
" 25	Receiving-basins on the northwest and southwest corners of One Hundred and First street and Third avenue, and on the northeast, northwest, southeast and southwest corners of One Hundred and Sixth street and Fourth avenue.....	Patrick Reilly, 185 East 80th street.	Thomas Gearty, 135 East 83d street.. Thomas Regan, 719 Lexington avenue	1,915 00	" 17	Paving with granite-block pavement, Eighteenth street, from First avenue to East river.....	John G. Smith, 329 West 48th street.	James Baird, 310 East 57th street.. John F. Moore, 514 West 105th street	17,361 30
" 21	Sewer in One Hundred and Fifth street, between First avenue and Harlem river.....	Terence A. Smith, 218 East 36th street..	Joseph C. Biglin, 157 East 37th street.. Thomas Bartley, 546 Third avenue.... Patrick Reilly, 39 Sutton place.....	3,179 00	" 17	Paving with granite-block pavement, Eighteenth street, from First avenue to East river.....	John G. Smith, 329 West 48th street.	James Baird, 310 East 57th street.. John F. Moore, 514 West 105th street	13,719 66
" 23	Sewer in Sixty-second street, Tenth and Eleventh avenues.....	Lawrence Rock, 459 West 40th street.	Henry Quinn, 442 West 42d street..	8,048 20	Sept. 23	Paving with Trinidad asphalt pavement Chambers street, from Broadway to Centre street.....	The Barber Asphalt Paving Company of West Virginia .....	James D. Leary, 73 William street.. James M. Cummings, St. Nicholas place, opp. 151st street..	10,236 00
" 23	Alterations and improvements to receiving-basins on the southeast corners of Seventy-ninth and Eightieth streets, on the northeast and southeast corners of Eighty-first street, on the northeast corner of Eighty-second street, and on the northeast and northwest corners of Eighty-third, Eighty-fourth, Eighty-sixth, Eighty-seventh and Eighty-eighth streets and West End avenue.....	Thomas O'Maley, 162 st. and 10th ave.	Patrick Larney, 325 East 38th street.. Robert B. Saul, 162d st. and 10th ave.	1,657 50					\$78,940 11
" 26	Extension of sewer at foot of Ninety-sixth street, Hudson river.....	Joseph Walsh, 715 De Kalb avenue, Brooklyn.....	Thomas Walsh, 1131 Madison avenue Augustin Walsh, 427 Mott avenue....	3,036 00	July 2	Laying water-mains in Ninety-fifth and One Hundred and Eighty-third streets, and in Sixth, Eleventh, Lexington, Sedgwick, Vanderbilt, Creston and Morris avenues, and in the Boulevard, High Bridge road and Southern Boulevard .....	John Cornwell, Jr., 529 East 161st street.	Solomon Jacobs, 195 East Broadway.. Morris Rosendorff, 52 Eldridge street...	\$17,908 00
Sept. 8	Sewer in One Hundred and Forty-third street, between Boulevard and (Diagonal avenue) Hamilton place, with branches in Hamilton place (Diagonal avenue), between One Hundred and Forty-second and One Hundred and Forty-fourth streets.....	Cornelius O'Grady, 1062 Forrest avenue.	James Slattery, 218 West 57th street. Patrick Larney, 325 East 38th street.	9,624 00					
" 9	Sewer in One Hundred and First street, between Second and Third avenues.....	Bernard Mahon, 2261 Seventh avenue.	Patrick Larney, 325 East 38th street.. Thomas O'Maley, 162d st. and 10th ave. Michael Casey, 833 East 170th street.	2,760 00	July 14	Furnishing and delivering stop-cocks, stop-cock boxes and covers and hydrants .....	James M. Motley, 2 Liberty street....	James J. Coogan, 41 West 52d street.. James D. Leary, 73 William street...	\$13,894 00
" 13	Sewer in One Hundred and Fifteenth street, between Seventh and Eighth avenues.....	John J. Montgomery, 722 East 143d street.	Robert Montgomery, 722 East 143d street.	2,919 00					
" 15	Sewer in One Hundred and Third street, between Ninth and Tenth avenues.....	John Slattery, 788 Fourth avenue....	John Davidson, 788 Park avenue.... Dennis McGrath, 35 East 104th street.	6,057 50	Aug. 20	Receiving-basin on southeast corner of One Hundred and Ninth street and Fourth avenue.....	Bernard Mahon, 2261 Seventh avenue	William Kelly, 609 West 47th street.	343 00
" 22	Sewer in Eighth avenue, between One Hundred and Fifth and One Hundred and Fourteenth streets, with connection to existing sewer in One Hundred and Tenth street, east of Eighth avenue .....	Virgilio del Genovese, 268 Bowery.....	Alfredo del Genovese, 9 Bowery..... Solomon Jacobs, 195 East Broadway.	45,625 35	" 20	Receiving-basin on northwest corner of One Hundred and Seventh street and First avenue.....	Bernard Mahon, 2261 Seventh avenue	William Kelly, 609 West 47th street.	262 00
" 22	Sewer in West End avenue, between Sixty-fourth and Sixty-fifth streets, and in Sixty-fourth street, between Tenth and West End avenues .....	Virgilio del Genovese, 268 Bowery.....	Alfredo del Genovese, 9 Bowery..... Solomon Jacobs, 195 East Broadway. John Davidson, 788 Park avenue....	20,290 75	" 20	Receiving-basin on northeast corner of One Hundred and Seventh street and First avenue .....	Bernard Mahon, 2261 Seventh avenue	William Kelly, 609 West 47th street.	300 00
" 15	Sewer in Seventy-fourth street, between Ninth and Tenth avenues.	John Slattery, 788 Fourth avenue..	P. H. Slattery, 681 East 135th street.	8,805 00	" 20	Receiving-basin on southeast corner of Eighty-first street and Avenue A.....	Bernard Mahon, 2261 Seventh avenue	William Kelly, 609 West 47th street.	320 50
				\$136,761 10	" 20	Receiving-basin on northwest corner of One Hundred and Twenty-first street and Fourth avenue.....	Bernard Mahon, 2261 Seventh avenue	William Kelly, 609 West 47th street.	512 00
	Regulating and Grading Contracts.				" 20	Receiving-basins on north side of One Hundred and Twenty-ninth street, at junction of Manhattan street, and south side and east and west corners of Manhattan street.....	Bernard Mahon, 2261 Seventh avenue	William Kelly, 609 West 47th street.	820 50
Aug. 2	Regulating and grading One Hundred and Seventh street, from Boulevard to Tenth avenue.....	John Slattery, 788 Fourth avenue....	Andrew J. Kerwin, 1 River-side Terrace. John F. McDonald, 225 East 62d street..	\$2,843 51	" 19	Sewer in Hudson street, between Christopher and Grove streets.....	John McKim, 326 East 58th street..	Bernard Mahon, 2261 Seventh avenue.	962 50
" 14	Regulating and grading One Hundred and Fourteenth street, from Tenth avenue to Riverside Drive	George E. Clark, 379 West 125th street	William E. Dean, 68 West 127th street. Jacob Ebling, 76 East 128th street.	16,202 60	" 23	Alteration and improvement to receiving-basins on northeast and northwest corners of Seventy-second, Seventy-third and Seventy-fourth streets and West End avenues.....	Thomas O'Maley, 162d st. and 10th ave.	Robert B. Saul, 162d st. and 10th ave.	448 40
" 16	Regulating and grading Ninety-first street, from Tenth avenue to Riverside Drive.....	J. W. Phelan, 205 West 124th street	Theodore F. Tone, 130th street, N. R.. Thomas P. Fowler, 267 West 125th street.	14,363 75	" 9	Flagging four feet wide on southwest corner of Lexington avenue and One Hundred and Twenty-third street.....	Patrick Larney, 325 East 38th street...		135 20
" 17	Regulating and grading Fort George avenue, from Tenth to Eleventh avenue.....	James H. Sullivan, 2145 Sixth avenue...	John S. Brown, 234 West 124th street. Antonio Cuneo, 203 Grand street....	23,119 40	" 9	Fencing vacant lots on northwest corner of Seventh avenue and One Hundred and Twenty-sixth street.....	Patrick Larney, 325 East 38th street...		108 00
Sept. 1	Regulating and grading Eighty-ninth street, from Boulevard to Riverside Drive.....	F. C. Hopkins, 218 West 57th street.	John G. Smith, 329 West 48th street. James Slattery, 218 West 57th street.	10,379 20	" 9	Fencing vacant lots on north side of Fifty-seventh street, commencing 100 feet east of Broadway and running east about 100 feet.....	Patrick Larney, 325 East 38th street...		23 04
" 1	Regulating and grading Eighty-second street, from Boulevard to Riverside Drive .....	F. C. Hopkins, 218 West 57th street.	John G. Smith, 329 West 48th street. James Slattery, 218 West 57th street.	8,034 36	" 9	Fencing vacant lots on the block bounded by First and Second avenues, Eighty-second and Eighty-third streets.....	Patrick Larney, 325 East 38th street...		349 44
" 1	Regulating and grading One Hundred and Forty-ninth street, from Seventh to Eighth avenue.....	Michael Fay, 308 East 52d street..	Michael Kane, 126 East 77th street. Thomas Roche, 330 East 47th street.	8,732 64	" 9	Fencing vacant lots on the block bounded by Lexington and Third avenues, One Hundred and Twenty-second and One Hundred and Twenty-third streets.....	Patrick Larney, 325 East 38th street...		74 40
" 1	Regulating and grading Claremont avenue, from One Hundred and Sixteenth to One Hundred and Twenty-second street.....	John Cox & Co., 229 Broadway.....	John Devlin, 1076 Fulton street, Brooklyn..... William A. Sweeney, 224 West 59th street.	17,128 95	" 27	Fencing vacant lots on the northeast corner of Fourth avenue and One Hundred and Twenty-seventh street .....	Patrick Larney, 325 East 38th street...		36 10
" 13	Laying an additional course of flagging four feet wide on the sidewalks of Seventh avenue, from One Hundred and Twenty-eighth to One Hundred and Forty-fifth street.....	D. W. Moran, 349 East 72d street...	John McQuade, 1338 Lexington ave.. Michael McGrath, 64 East 106th street.	6,070 36					\$4,695 08
				\$106,874 77					
	Paving Contracts.								
Aug. 2	Paving with trap-block pavement, Sixty-fourth street, from First to Second avenue.....	Thomas Gearty, 135 East 83d street..	P. H. McCullagh, 240 East 32d street.. Timothy Dwyer, 404 East 66th street..	\$6,807 70	1886.				
" 17	Paving One Hundred and Seventh street, from Third to Lexington avenue, with trap-block pavement	William A. Cumming, Stamford, Conn.....	James Sinclair, Foot 29th street, E.R. Julius A. Candee, Foot 26th street, E.R.	3,339 25	July 1	Regulating and grading Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninetieth street.....			\$106,093 40
" 27	Paving with granite-block pavement, Tenth avenue, from Seventy-fourth to One Hundred and Tenth street.....	John Cox & Co., 229 Broadway.....	W. C. Andrews, 2 East 67th street.... John J. Kiernan, 21 Wall street.....	188,392 00	" 6	Sewers in Lexington avenue, between Ninety-fifth and Ninety-seventh streets, and in Ninety-fifth and Ninety-sixth streets, between Lexington and Fourth avenues, etc.....			14,131 73
" 27	Paving with granite-block pavement, One Hundred and Second street, from Lexington to Fifth avenue..	John Cox & Co., 229 Broadway.....	W. C. Andrews, 2 East 67th street.... John J. Kiernan, 21 Wall street.....	15,166 66	" 20	Paving with granite-block pavement One Hundred and Thirty-third street, from Seventh to Eighth avenue.....			5,819 02
" 27	Paving with granite-block pavement, Eighty-eighth street, from First to Second avenue.....	John Cox & Co., 229 Broadway.....	W. C. Andrews, 2 East 67th street.... John J. Kiernan, 21 Wall street.....	6,181 80	" 29	Sewer in One Hundred and Sixth street, between Boulevard and summit, east.....			3,685 56
" 27	Paving with granite-block pavement, Eighty-third street, from Boulevard to Riverside Drive.....	John Cox & Co., 229 Broadway.....	W. C. Andrews, 2 East 67th street.... John J. Kiernan, 21 Wall street.....	8,618 74	Aug. 6	Regulating and grading Washington street, from Twelfth to Fourteenth street.....			3,801 09
" 27	Paving with granite-block pavement, Ninth avenue, from Seventy-seventh to One Hundred and Tenth street .....	John Cox & Co., 229 Broadway.....	W. C. Andrews, 2 East 67th street.... John Devlin, 1076 Fulton street, Brooklyn.....	161,728 77	" 6	Regulating and grading One Hundred and Eighteenth street, from Fourth to Sixth avenue..			31,895 70
					" 16	Regulating and grading One Hundred and Thirty-third street, from Eighth avenue to Avenue St. Nicholas .....			1,342 84
					" 16	Sewers in Ninety-seventh street, between Boulevard and Riverside avenue.....			5,899 08
					" 24	Sewer in Forsyth street, between Stanton and Houston streets, etc.....			1,732 86
					Sept. 3	Sewer in One Hundred and Sixth street, between summits east and west of Tenth avenue..			6,176 14
					" 3	Sewer in One Hundred and Fourteenth street, between Fourth and Sixth avenues.....			6,313 17
					July 15	Painting eleven free floating baths .....			2,035 00
					Aug. 16	Paving Monroe street, from Clinton to Gouverneur street, with granite-block pavement.....			6,355 95
					" 16	Furnishing materials and performing work in the erection of a one-story brick office and store-rooms in the Pipe Yard foot of Twenty-fourth street, East river.....			4,586 00
					" 4	Furnishing cast-iron water pipes, branch pipes and special castings.....			44,499 23
					" 18	Furnishing and delivering stop-cocks, stop-cock boxes, and covers and hydrants.....			6,867 75
					" 30	Paving Ridge street, from Stanton to Division street, with trap-block pavement.....			8,758 17
					Sept. 9	Paving Suffolk street, from Livingston to Division street, with trap-block pavement.....			8,879 10
					" 9	Laying water-mains in One Hundred and Fifty-first, Ninety-third, One Hundred and Sixty-fourth, One Hundred and Sixty-fifth, One Hundred and Fifty-sixth, Worth, Ash, Clinton and Gray streets, and in Eleventh, Anthony, Monroe and Sheridan avenues .....			6,897 10

## RECAPITULATION.

14 Sewer Contracts.....	\$136,761 10
9 Regulating and Grading Contracts.....	106,874 77
8 Paving Contracts.....	396,855 98
5 Paving Contracts (under chapter 476, Laws of 1875).....	78,940 11
1 Laying Water-main Contract.....	17,908 00
1 Miscellaneous Contract.....	13,894 00
14 Special Contracts.....	4,695 08
52 Contracts.....	\$755,929 04

Contracts Completed during the Three Months ending September 30, 1886.

DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.
1886.		
July 1	Regulating and grading Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninetieth street.....	\$106,093 40
" 6	Sewers in Lexington avenue, between Ninety-fifth and Ninety-seventh streets, and in Ninety-fifth and Ninety-sixth streets, between Lexington and Fourth avenues, etc.....	14,131 73
" 20	Paving with granite-block pavement One Hundred and Thirty-third street, from Seventh to Eighth avenue.....	5,819 02
" 29	Sewer in One Hundred and Sixth street, between Boulevard and summit, east.....	3,685 56
Aug. 6	Regulating and grading Washington street, from Twelfth to Fourteenth street.....	3,801 09
" 6	Regulating and grading One Hundred and Eighteenth street, from Fourth to Sixth avenue..	31,895 70
" 16	Regulating and grading One Hundred and Thirty-third street, from Eighth avenue to Avenue St. Nicholas .....	1,342 84
" 16	Sewers in Ninety-seventh street, between Boulevard and Riverside avenue.....	5,899 08
" 24	Sewer in Forsyth street, between Stanton and Houston streets, etc.....	1,732 86
Sept. 3	Sewer in One Hundred and Sixth street, between summits east and west of Tenth avenue..	6,176 14
" 3	Sewer in One Hundred and Fourteenth street, between Fourth and Sixth avenues.....	6,313 17
July 15	Painting eleven free floating baths .....	2,035 00
Aug. 16	Paving Monroe street, from Clinton to Gouverneur street, with granite-block pavement.....	6,355 95
" 16	Furnishing materials and performing work in the erection of a one-story brick office and store-rooms in the Pipe Yard foot of Twenty-fourth street, East river.....	4,586 00
" 4	Furnishing cast-iron water pipes, branch pipes and special castings.....	44,499 23
" 18	Furnishing and delivering stop-cocks, stop-cock boxes, and covers and hydrants.....	6,867 75
" 30	Paving Ridge street, from Stanton to Division street, with trap-block pavement.....	8,758 17
Sept. 9	Paving Suffolk street, from Livingston to Division street, with trap-block pavement.....	8,879 10
" 9	Laying water-mains in One Hundred and Fifty-first, Ninety-third, One Hundred and Sixty-fourth, One Hundred and Sixty-fifth, One Hundred and Fifty-sixth, Worth, Ash, Clinton and Gray streets, and in Eleventh, Anthony, Monroe and Sheridan avenues .....	6,897 10



DATE.	NATURE AND LOCATION OF WORK.	ESTIMATED COST.
1886.		
Sept. 17	Paving Grand street, from Broadway to Varick street, and Washington street, from Macdougall street to Sixth avenue, with granite-block pavement.....	\$14,695 04
" 23	Paving Jones street, from Fourth to Bleeker street, and Leroy street, from Hudson to Washington street, with trap-block pavement.....	6,954 94
" 23	Paving Greene street, from Canal to Bleeker street, with granite-block pavement.....	19,197 70
" 24	Paving Cornelia street, from Fourth to Bleeker street, and Downing street, from Bleeker to Varick street, with trap-block pavement.....	5,707 70
" 24	Paving Cannon street, from Houston to Grand street, and Jackson street, from Water to Grand street, with trap-block pavement.....	15,316 68
" 24	Paving Avenue B, from Fourteenth to Nineteenth street, with granite-block pavement.....	10,159 25
		\$347,802 40

## RECAPITULATION.

6 Sewer Contracts .....	\$37,938 54
4 Regulating and Grading Contracts.....	143,194 03
1 Paving Contract.....	5,819 02
9 Repaving Contracts, under chapter 476, Laws of 1875.....	96,025 73
4 Miscellaneous Contracts.....	57,927 98
1 Laying Water-main Contract.....	6,897 10
25 Contracts.....	\$347,802 40

## Document "D."

DEPARTMENT OF PUBLIC WORKS,  
OFFICE OF CHIEF ENGINEER, NO. 31 CHAMBERS STREET, ROOM 10,  
NEW YORK, October 6, 1886.

GEN. JOHN NEWTON, *Commissioner of Public Works* :

SIR—In compliance with your letter of October 6, I herewith submit the following report for the quarter ending September 30, 1886 :

## EXPENDITURES.

Aqueduct—Repairs, Maintenance and Strengthening .....	\$67,630 50
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	6,178 04
Bronx River Works—Maintenance and Repairs.....	3,761 80
Bronx River Works—Maintenance and Repairs—Salaries.....	825 00
Croton Water Fund.....	63,277 24
Contingencies—Department Public Works .....	105 00
Iron Bridge over Fourth avenue, at Ninety-eighth street.....	5,429 32
Laying Croton Pipes.....	76,080 74
Laying Croton Pipes—Salaries.....	4,203 65
Repairing and Renewal of Pipes, Stop-cocks, etc.....	8,606 45
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	6,790 85
Shipping and Building—Salaries.....	2,447 97
Water Supply, Twenty-fourth Ward .....	1,158 98
Water Supply, Twenty-fourth Ward—Salaries.....	234 00
Water Meter Fund, No. 2 .....	279 58
Total .....	\$247,009 12

## STORAGE RESERVOIRS.

The Croton river furnished a full supply to the Aqueduct for seventeen (17) days only.  
Storage has been drawn as follows :

	Gallons.
Boyd's Corners Reservoir.....	1,180,000,000
Southeast Reservoir.....	1,350,000,000
Kirk Lake.....	510,000,000
Lake Gleneida.....	90,000,000
Barrett Pond.....	170,000,000
Kensico Reservoir.....	500,000,000
Rye Ponds Reservoir.....	500,000,000
Total drawn.....	4,300,000,000

## Rain-fall—Inches.

	JULY.	AUGUST.	SEPTEMBER.	TOTAL FOR QUARTER.
Boyd's Corners Reservoir.....	4.40	3.21	2.30	9.91
South East Reservoir.....	5.33	2.92	2.69	10.94
Kensico Reservoir.....	4.51	3.36	1.13	9.00
Croton Dam .....	7.55	3.34	1.58	12.47
Central Park Reservoirs.....	2.94	0.97	1.78	5.69

## BRONX RIVER SUPPLY.

The commissioners appointed to appraise damages on the Bronx river, from White Plains to Bronxville, are still hearing testimony from the owners affected.

The work on the reservoir at Williamsbridge progressed favorably for July and August, but during September, on account of the increased prices paid on other work for teams, masons, etc., the work has been delayed for want of same.

The conduit has furnished an average supply of 15,000,000 gallons per day during the quarter.

The roads and embankments and ditches have been kept in order, and at Scarsdale and Woodlawn the roads over the conduit have been widened. The clearing-up around the Kensico Reservoir has been continued.

## AQUEDUCT REPAIRS, MAINTENANCE AND STRENGTHENING.

## Amount of Work Done during the Quarter.

DIVISION.	Earth Excavation.	Stone Quarried.	Dry Masonry.	FENCE.		Arching Aqueduct.	Filling, Grading, etc.	Stone Masonry.	Cut-stone Masonry.	Brick Masonry.	Paving.
				Repaired.	Built.						
	Cu. yds.	Cu. yds.	Cu. yds.	Lin. feet.	Lin. feet.	Lin. feet.	Cu. yds.	Cu. yds.	Cu. feet.	Cu. yds.	Sq. yds.
First.....	...	...	...	...	...	...	...	...	...	...	...
Second.....	125	...	544	...	260	...	...	...	...	...	...
Third.....	...	...	354	1,771	3,851	...	...	...	...	...	...
Fourth.....	660	...	107	1,100	50	283	...	157	...	63	...
Fifth.....	300	...	9	...	...	...	150	313	...	602	...
Sixth.....	325	841	354	...	...	608	758	337	...	135	...
Seventh.....	30	...	...	...	200	...	...	27	800	...	...
Eighth.....	...	...	...	820	1,005	...	...	...	...	...	...
Total .....	1,440	841	1,368	3,691	5,366	891	908	834	800	198	602

The regular work on each division has been : The watching and treating of leaks ; care of gate-houses, waste weirs, cutting grass, cleaning up surface of Aqueduct, repairing and building fences, and the regular repairs for the proper maintenance of the Aqueduct, the lake, dam, etc.

The particular work has been as follows :

First Division—Care of lake, dam, gate-house, and general repairs.

Second Division—Building high retaining wall at Quaker Bridge.

Third Division—Rebuilding walls and culverts at Morrell's and Butman's banks.

Fourth Division—Arching at Jaffrey's bank ; grading and extending culverts at same place ; building wall at Minturn's.

Fifth Division—Building walls and paving in the Glen at Yonkers.

Sixth Division—Arching and building walls and culverts in "Long" and "Widow" lots. A bad break occurred July 11, 1886, on the "Long" lot bank. It was promptly repaired and the water going as usual July 14.

Seventh Division—Continuation of work on steps at High Bridge ; completion of work on dock ; general repairs and maintenance of High Bridge, reservoir, pumping machinery, etc.

Eighth Division—Care of High Service Works at Ninety-eighth street ; of Central Park and Forty-second Street Reservoirs ; cleaning and repairing water-mains.

## LAYING CROTON PIPES.

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

Eleventh avenue, from Sixty-fourth to Sixty-seventh street.

Worth street, from Broadway to Baxter street.

Ninety-fourth street, from Eighth to Tenth avenue.

Seventy-second street, from Eighth to Ninth avenue.

Eighty-first street, from Eighth to Ninth avenue.

Ninety-third street, from Ninth to Tenth avenue.

Anthony avenue, from Waverley to Ash street.

Ash street, from Anthony avenue to 500 feet west.

Monroe avenue, from Waverley to Gray street.

Gray street, from Monroe avenue to Clinton street.

Clinton street, from Gray to Spring street.

One Hundred and First street, from First to Second avenue.

One Hundred and Sixty-fourth street, from Morris to Sheridan avenue.

Sheridan avenue, from One Hundred and Sixty-fourth to One Hundred and Sixty-fifth street.

One Hundred and Sixty-fifth street, from Sheridan to Gerard avenue.

One Hundred and Fifty-sixth street, from Courtland to Elton avenue.

One Hundred and Thirty-fourth street, from Seventh to Eighth avenue.

Ninth avenue, from Sixty-fifth to Sixty-eighth street.

Ninth avenue, from Seventy-third to Seventy-seventh street.

Ninth avenue, from Eighty-seventh to One Hundredth street.

Eighth avenue, from Sixty-sixth to Eighty-first street.

Seventieth street, from Boulevard to Eleventh avenue.

St. Nicholas avenue, from One Hundred and Twenty-seventh to One Hundred and Forty-fifth street.

Madison avenue, from One Hundred and Fifteenth to One Hundred and Sixteenth street.

New avenue, from One Hundred and Sixteenth to One Hundred and Twenty-fifth street.

One Hundred and Sixteenth street, from Fourth to Madison avenue.

Eighty-seventh street, from Eighth to Ninth avenue.

One Hundred and Forty-fifth street, from Eighth to St. Nicholas avenue.

Ninety-seventh street, from Ninth to Tenth avenue.

Seventy-second street, from Boulevard to Eleventh avenue.

Tremont avenue, from Third to Boston avenue.

Riverdale avenue, from Ackerman street to Kingsbridge road.

Fairmount avenue, from Third avenue to Vineyard place.

Columbia avenue, from Kingsbridge road to Monroe avenue.

Prospect avenue, from One Hundred and Seventy-fifth street to Tremont avenue.

Kingsbridge road, from Riverdale avenue to Foundry at Spuyten Duyvil.

One Hundred and Nineteenth street, from Fifth to Madison avenue.

One Hundred and Nineteenth street, from Sixth to Seventh avenue.

Broadway, from Manhattan to One Hundred and Twenty-ninth street.

Eightieth street, from Ninth to Tenth avenue.

Tenth avenue, from Seventy-ninth to Eightieth street.

Eleventh avenue, from Seventy-eighth to Seventy-ninth street.

Eighty-fifth street, from Eighth to Ninth avenue.

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

Ninety-eighth street, from Ninth to Tenth avenue.

Tenth avenue, from Ninety-fourth to Ninety-fifth street.

Eleventh avenue, from One Hundred and First to One Hundred and Second street.

One Hundred and Thirty-sixth street, from Eighth to St. Nicholas avenue.

Eleventh avenue, from Seventy-fifth to Seventy-seventh street.

Eleventh avenue, from Seventy-seventh to Seventy-eighth street.

Eleventh avenue, from Seventy-second to Seventy-third street.

Sixty-fifth street, from Boulevard to Tenth avenue.

One Hundred and Twentieth street, from Fifth to Sixth avenue.

One Hundred and Thirty-seventh street, from Willis avenue to Brown place.

Fifty-fifth street, from Avenue A, east.

Eleventh avenue, from Seventieth to Seventy-second street.

Bailey avenue, from Riverdale avenue to Montgomery place.

Albany avenue, from Riverdale avenue to Montgomery place.

## Amount of Pipe Laid during the Quarter.

12-inch pipe.....	14,242 lineal feet.
6-inch pipe.....	33,142 "
Total.....	47,384 "

58 stop-cocks set.  
83 hydrants placed.

## METERS.

Number of meters placed during the quarter.....	130
Number of meters in use June 30, 1886.....	14,200
Total number in use September 30, 1886.....	14,330

## SUPPLYING WATER TO SHIPPING AND BUILDING.

202 permits for shipping, amounting to .....	\$6,933 98
384 permits for building purposes.....	13,776 31
27 permits for engines on wharves, etc.....	558 30
For water measured by meter.....	15,148 37
Total.....	36,416 96

## IMPROVEMENT OF FOURTH AVENUE AT NINETY-EIGHTH STREET.

Work has progressed slowly during the quarter.

On account of bad filling, the excavations for foundations of the retaining walls have been from three to five feet deeper than contemplated, increasing the amount of excavation and also the amount of masonry necessary in the retaining walls.

## WASTE AND USE OF WATER.

All of the Inspectors of Waste have been employed serving notices as to meters, and making examinations of complaints of want and waste of water received from other departments and from citizens, the appropriation not being sufficient to employ the number requisite for regular inspection of buildings.

The drought did not commence this year until August, but has continued to this date, and on Mondays and very hot days the use of water has been so large that every one, especially those on high ground, have suffered a diminution of pressure some days of at least one story.

With a full supply from the Aqueduct and fifteen million gallons a day from the Bronx river the reservoirs in the city have lost 24 inches since August 15th, equal to sixty million gallons of water.

With the large number of new buildings now being erected in the city and the number of old buildings supplied by the extension of the mains in the new district it becomes impracticable to furnish the water at the same pressures as formerly and a gradual reduction of pressure, or height, to which water will rise will be the result until the completion of the New Aqueduct, and this will be more appreciable during the hot and dry weather of summer and fall and the extreme cold weather of winter when the largest use of water takes place.

Yours respectfully,

G. W. BIRDSALL, Chief Engineer Croton Aqueduct.



## Document "E."

DEPARTMENT OF PUBLIC WORKS,  
WATER PURVEYOR'S OFFICE, NO. 31 CHAMBERS STREET, ROOM 1,  
NEW YORK, October 8, 1886.

Gen. JOHN NEWTON, Commissioner of Public Works:

SIR—I beg to submit the following report of the transactions of this Bureau during the quarter ending September 30, 1886:

## REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The average force employed on repairs to pavements during the quarter was as follows:  
In July, 310 men, 60 carts and 2 teams.  
In August, 312 men, 60 carts and 2 teams.  
In September, 310 men, 60 carts and 2 teams.  
This force has been steadily employed in making general repairs throughout the city, and has repaired 81,531 square yards of pavements during the quarter.  
The asphalt pavements have been frequently examined, and when found in need of repair, orders have been issued to the Contractor to do the work.  
254 square yards of asphalt pavement have been repaired.  
28 permits were issued to citizens to repair pavement at their own expense.

## REPAVING STREETS AND AVENUES (CHAPTER 476, LAWS OF 1875).

Contracts for repaving the following named streets were completed during the quarter, viz.:

Monroe street, from Clinton to Gouverneur street.  
Cannon street, from Houston to Grand street.  
Jackson street, from Water to Grand street.  
Sheriff street, from Delancey to Stanton street.  
Centre Market place, from Grand to Broome street.  
Ridge street, from Stanton to Division street.  
Grand street, from Broadway to Varick street.  
Washington place, from Macdougall street to Sixth avenue.  
Suffolk street, from Rivington to Division street.  
Avenue B, from Fourteenth to Nineteenth street.  
Greene street, from Canal to Bleecker street.  
Cornelia street, from Fourth to Bleecker street.  
Downing street, from Bleecker to Varick street.  
Jones street, from Fourth to Bleecker street.  
Leroy street, from Hudson to Washington street.

46,282 square yards were repaved.

Contracts for repaving the following named streets are in progress, viz.:

Eighteenth street, from First avenue to the East river.  
Eighteenth street, from Eighth to Tenth avenue.  
Fifteenth street, from First to Second avenue.  
Nineteenth street, from First to Second avenue.  
Twenty-fifth street, from First avenue to the East river.  
Pine street, from William to Pearl street.  
Ninth street, from Third to Fourth avenue.  
Eighth street, from Fourth avenue to Broadway.  
Eighteenth street, from Fourth avenue to Broadway.

## NEW PAVEMENTS UNDER ASSESSMENTS.

Contracts for new pavements in the following-named streets were completed during the quarter, viz.:

One Hundred and Thirty-third street, from Seventh to Eighth avenue.  
One Hundred and Seventh street, from Third to Lexington avenue.  
4,130 square yards of new pavement were laid.  
Contracts are in progress for new pavements in the following named streets, viz.:

Sixty-fourth street, from First to Second avenue.  
One Hundred and Third street, from First to Second avenue.  
Eighty-third street, from Boulevard to Riverside avenue.  
Eighty-eighth street, from First to Second avenue.  
One Hundred and Second street, from Lexington to Fifth avenue.  
Ninth avenue, from Seventy-seventh to One Hundred and Tenth street.  
Tenth avenue, from Seventy-fourth to One Hundred and Tenth street.

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

The average force employed on repairs to pipes, stop-cocks and fire-hydrants, under the direction of this Bureau, during the quarter was as follows:

In July, 85 men and 10 carts.  
In August, 84 men and 10 carts.  
In September, 85 men and 10 carts.  
411 defects in pipes and stop-cocks were repaired.  
102 taps were shut off on account of leaks in service pipes.  
898 repairs were made to fire-hydrants.  
158 new fire-hydrants were substituted for old ones.  
9 new fire-hydrants were erected.  
374 defects in pavements were repaired.

## PUBLIC DRINKING HYDRANTS.

64 drinking-hydrants were repaired.  
4 new drinking hydrants were erected.

## VAULTS.

75 permits were issued to construct vaults.  
The amount received for the same is \$30,849.67.  
32 permits were issued to repair vaults.

## STREET OPENINGS.

The following is a summary of the work done under the supervision and inspection of this office during the quarter:

4,256 openings to repair mains, and for gas, sewer and water connections.  
1,341 notices sent to companies and others to repair bad pavements over their openings.  
1,106 places repaired in compliance with notices.  
58,650 feet of gas and steam mains laid.  
2 $\frac{1}{2}$  miles of double track railway constructed.  
5,194 feet of electrical conduits laid underground by the Commercial Cable Co. on Second avenue in place of old cables.  
2,340 feet of electrical conduits constructed by the Subway Commission in Sixth avenue, from Twenty-fourth to Thirty-third street.  
The Third Avenue Railroad Company has just completed laying the tracks of their cable road on One Hundred and Twenty-fifth street, from Eighth avenue to the Harlem river. They are now working on the Fourth avenue bridge and on the terminal pulley vaults at the Harlem and Hudson rivers, and in a few days will commence to permanently repave the street between Eighth avenue and the Harlem river.  
The Chambers Street and Grand Street Ferry Railroad Company has just completed a branch of their road on Madison, Jackson and Cherry streets. They are now working on side tracks and curves on East street at their stables.

## EXPENDITURES.

118 vouchers were transmitted during the quarter, and charged to the following accounts:

Public Drinking-hydrants, 1885.....	\$735 00
Public Drinking hydrants, 1886.....	1,437 87
Public Drinking hydrants, Salaries.....	249 99
Repairs and Renewal of Pavements, etc.....	67,459 91
Repairs and Renewal of Pavements, etc., Salaries.....	2,361 00
Repaving Streets and Avenues, 1885.....	3,309 60
Repaving Streets and Avenues, 1886.....	89,146 00
Repaving Streets and Avenues, Salaries.....	1,425 00
Repairing and Renewal of Pipes, Stop-cocks, etc.....	19,021 01
Repaving Fifth Avenue.....	54,126 80
Fund for Local Improvements.....	9,738 82
Street Improvement Fund.....	1,633 71
Restoring and Repaving—Special Fund—Department of Public Works.....	9,101 81
<b>Total.....</b>	<b>\$259,746 52</b>

Yours respectfully,

A. CULVER, Water Purveyor.

## Document "F."

DEPARTMENT OF PUBLIC WORKS,  
OFFICE OF ENGINEER IN CHARGE OF SEWERS,  
NO. 31 CHAMBERS STREET, ROOM 9,  
NEW YORK, October 6, 1886.

Gen. JOHN NEWTON, Commissioner of Public Works:

SIR—In compliance with your instructions, I hand you herewith my report of the transactions of this office for the quarter ending September 30, 1886, showing the present total length of sewerage in the city, including 3,996 lineal feet of sewer and 3 receiving-basins, built by property-owners, to be 2,180,067 lineal feet (412 $\frac{7}{16}$  miles), with 5,054 receiving-basins.

Sewers in Tenth avenue, east side, between One Hundred and Sixty-second and One Hundred and Seventieth streets, etc., contracted for in 1884, were completed in the month of August last.

During the past quarter seven sewers built by property-owners, under the direction of this office, have been completed, viz.:

One in One Hundred and Thirty-sixth street, between Eighth and new avenue west of Eighth avenue.

One in One Hundred and Fiftieth street, between Avenue St. Nicholas and Tenth avenue.

One in One Hundred and Fifth street, between Tenth avenue and a point 250 feet east.

One in Avenue St. Nicholas, between One Hundred and Forty-seventh and One Hundred and Forty-eighth streets.

One in Eighty-eighth street, between Boulevard and Tenth avenue.

One in Ninety-seventh street, between Ninth and Tenth avenues.

One in Edgcomb road, between One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets.

Also nine sewers contracted for in 1885 and 1886.

One in Ninety-seventh street, between Boulevard and Riverside avenue.

One in One Hundred and Sixth street, between summits east and west of Tenth avenue.

One in One Hundred and Sixth street, between Boulevard and summit east.

One in Lexington avenue, between Eighty-third and Eighty-fifth streets.

One in Forsyth street, between Stanton and Houston streets, etc.

One in One Hundred and Fourteenth street, between Fourth and Sixth avenues.

One in Hudson street, between Christopher and Grove streets.

One in Ninety-fourth street, between Eighth and Ninth avenues.

One extension of sewer at foot of Ninety-sixth street, Hudson river.

Thirteen sewers are now in progress of construction, as follows:

In Ninety-fifth street, between Ninth and Tenth avenues.

In Eighty-seventh street, between Tenth and Riverside avenues.

In Sixty-seventh, Sixty-eighth and Sixty-ninth streets, between West End avenue and land of the New York Central and Hudson River Railroad Co.

In One Hundred and Seventeenth street, between Fifth and Sixth avenues, etc.

In Eighth avenue, between One Hundred and Fifth and One Hundred and Fourteenth streets, etc.

In West End avenue, between Sixty-fourth and Sixty-fifth streets, etc.

In Sixty-second street, between Tenth and Eleventh avenues.

In Ninety-second street, between Ninth avenue and Boulevard, etc.

In One Hundred and Third street, between Ninth and Tenth avenues.

In One Hundred and Fifth street, between First avenue and Harlem river.

In One Hundred and Forty-third street, between Boulevard and Diagonal avenue, etc.

In One Hundred and Fifteenth street, between Seventh and Eighth avenues.

In Seventy-sixth street, between Avenue A and East river.

On page 4 of my report, herewith inclosed, will be found a detailed statement of the work done by the laborers and mechanics in the matter of repairing and cleaning sewers.

There are many of the old sewers which require much needed repairs, but owing to the limited amount of the appropriation available for this purpose these must be deferred.

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, 1886.

## Credit to General Fund—

Amount received for 442 permits for sewer connections..... \$10,813 64

## Engineers' Fees—

Amount of Engineers' fees assessed on property benefited, charged on assessment lists and credited as follows:

Local Improvement Fund.....	\$5,327 18
Fund for Local Improvements.....	2,454 89
Street Improvement Fund.....	32 26
<b>Total.....</b>	<b>\$7,814 33</b>

## Sewers—Repairing and Cleaning—

Balance on hand June 30, 1886..... \$58,735 01

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls of Laborers, etc.....	\$12,649 87
Special repairs, etc.....	7,324 72
Sundries, materials, etc.....	2,161 00
Balance on hand September 30, 1886.....	36,599 42
<b>Total.....</b>	<b>58,735 01</b>

## Salaries—Sewers—Repairing and Cleaning—

Balance on hand June 30, 1886..... \$4,690 00

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls of Inspectors, etc.....	\$1,841 00
Balance on hand September 30, 1886.....	2,849 00
<b>Total.....</b>	<b>4,690 00</b>

## Salaries—Sewerage System—

Balance on hand June 30, 1886..... \$8,481 88

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls of Engineers, etc.....	\$2,896 67
Balance on hand September 30, 1886.....	5,585 21
<b>Total.....</b>	<b>8,481 88</b>

## Surveys, Maps, etc., for Street Openings, etc.—

Balance on hand June 30, 1886..... \$10,728 94

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls of Draughtsmen, etc.....	\$1,075 00
Balance on hand September 30, 1886.....	9,653 94
<b>Total.....</b>	<b>10,728 94</b>

## Boring Examinations for Grading and Sewer Contracts—

Voucher transmitted to the Commissioner of Public Works—

Pay-rolls of Engineers, etc..... \$1,275 00

## Contingencies—Department of Public Works—

Voucher transmitted to the Commissioner of Public Works—

Transportation expenses of Assistant Engineers, etc..... \$244 97

## Restoring and Repaving—Special Fund—

Amount received for 552 permits for street openings..... \$6,752 00

Vouchers transmitted to the Commissioner of Public Works.....

**\$44,958 94**

## Fund for Local Improvements—

Pay-rolls of Engineers, etc..... \$4,005 12

On contracts for sewers, etc..... 32,577 12

## Local Improvement Fund—

Pay-rolls of Engineers, etc..... \$243 68

On contracts for sewers, etc..... 6,134 58

## Street Improvement Fund—

Pay-rolls of Engineers, etc..... 1,998 44

**\$44,958 94**



## Work done by Laborers and Mechanics—

784 receiving-basins and culverts cleaned.  
 15,995 lineal feet of sewer cleaned.  
 155 lineal feet of sewer rebuilt.  
 380 lineal feet of sewer repaired.  
 135 lineal feet of culvert rebuilt.  
 106 lineal feet of spur-pipe laid.  
 46 lineal feet of new curb set.  
 190 lineal feet of new box sewer.  
 61 receiving-basins repaired.  
 29 new basin-heads and covers put on.  
 9 basin-heads reset.  
 24 new basin-covers put on.  
 4 new manholes built.  
 157 manholes repaired.  
 34 new manhole-heads and covers put on.  
 120 manhole-heads reset.  
 17 new manhole-covers put on.  
 544 square feet of flagging relaid.  
 12 square feet of crosswalk relaid.  
 507 square yards of pavement relaid.  
 1,694 cubic yards of earth excavated and refilled.  
 11 cart-loads of earth filled in.  
 1,936 cart-loads of dirt removed.  
 Work done by contract—  
 6,339 lineal feet of sewer built.  
 101 lineal feet of culvert built, and  
 11 receiving-basins.  
 There has also been built by property-owners—  
 3,996 lineal feet of sewer, and  
 3 receiving-basins.  
 Making the present total length of sewerage in the city 2,180,067 lineal feet (412 $\frac{7}{10}$  miles),  
 with 5,054 receiving-basins.

## Document "G."

DEPARTMENT OF PUBLIC WORKS,  
 BUREAU OF STREET IMPROVEMENTS, ROOM 5, NO. 31 CHAMBERS STREET,  
 NEW YORK, October 5, 1886.

Hon. JOHN NEWTON, Commissioner of Public Works:

SIR—In compliance with your instructions I beg to hand you herewith a report of the transactions of this Bureau for the quarter ending September 30, 1886.

Respectfully,

W. M. DEAN, Superintendent of Street Improvements.

STATEMENT SHOWING THE AMOUNT OF WORK DONE ON CONTRACTS DURING THE QUARTER  
 ENDING SEPTEMBER 30, 1886.

Earth excavated, cubic yards.....	3,783
Rock excavated, cubic yards.....	20,181
Filling furnished, cubic yards.....	22,311
Curb-stones set, linear feet.....	14,948 $\frac{38}{100}$
Flagging laid, square feet.....	48,095 $\frac{01}{12}$

## WORK DONE ON ACCOUNT OF THE CITY.

22 Monument-stones set and reset on Tenth avenue, north of One Hundred and Fifty-fifth street.  
 1 Monument-stone reset corner Seventh avenue and One Hundred and Twenty-eighth street.  
 23 Monument-stones.

## APPROPRIATIONS.

Contingencies of Department of Public Works—

Amount of vouchers drawn during the quarter..... \$225 00

Street Improvements—For Surveying, Monumenting and Numbering of Streets..... \$3,000 00

Amount of vouchers drawn during first quarter.....	\$259 60
Amount of vouchers drawn during second quarter.....	286 00
Amount of vouchers drawn during third quarter.....	604 00
Outstanding liabilities, estimated.....	928 00
Balance, estimated.....	832 40
	<u>3,000 00</u>

Flagging Sidewalks and Fencing Vacant Lots in front of City Property..... \$1,000 00

Amount of vouchers drawn during first quarter.....	\$112 22
Amount of vouchers drawn during second quarter.....	7 40
Outstanding liabilities, estimated.....	620 00
Balance, estimated.....	260 38
	<u>1,000 00</u>

## WORKS COMPLETED.

Regulating, Grading, etc.:

Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninety-fifth street.....	\$106,093 40
Washington street, from Twelfth to Fourteenth street.....	3,801 09
One Hundred and Eighteenth street, from Fourth to Eighth avenue.....	31,896 70
One Hundred and Thirty-third street, from Eighth to St. Nicholas avenue.....	1,342 84
Total.....	<u>\$143,194 03</u>

## AMOUNT OF VOUCHERS DRAWN.

On account of—

Fund for Local Improvements.....	\$9,499 20
Local Improvement Fund.....	65,325 67
Street Improvement Fund.....	1,988 81
Street Improvements—For Surveying, Monumenting, etc.....	694 00
Contingencies of Department of Public Works.....	225 00
Total.....	<u>\$77,732 68</u>

Permits issued for regulating, grading, etc..... 4

Notices issued to property-owners to repair sidewalks..... 446

## Statement showing Works under Contract in Bureau of Street Improvements on the 30th day of September, 1886.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.	
Regulating, Grading Curb and Flagging.										
On account of Fund for Local Improvements—										
William street, Duane to North William street.....	John Kearney .....	R. L. Waters....	.....	18 days.	\$3,227 20	.....	.....	.....	{ Work completed, but not yet accepted.	
One Hundred and Fourteenth street, Fourth to Eighth avenue .....	James Slattery....	J. McIntyre Smith.....	Mark Neary.....	350 "	23,443 44	.....	.....	.....		
One Hundred and Fifty-fifth street, Eighth to New avenue.....	Charles Trainer....	R. L. Waters....	Matthew Stripp....	175 "	8,789 30	\$1,800 00	\$540 00	\$1,260 00		
One Hundred and Fifty-fifth street, Eighth avenue to McComb's Dam lane.....	Charles Trainer....	R. L. Waters....	Nathan Frank.....	300 "	12,064 70	8,400 00	2,520 00	5,880 00		
On account of Local Improvement Fund—										
Fort Washington Ridge road.....	Allen & O'Maley...	J. McIntyre Smith.....	James R. Mount...	400 "	130,161 70	112,894 00	33,868 20	79,025 80	{ Work suspended.	
West End avenue, Seventy-second street to Boulevard.....	Thomas O'Maley...	J. McIntyre Smith.....	Edward T. Bennett...	200 "	98,782 38	96,898 00	29,069 40	67,828 60		
Fourth avenue, Ninety-seventh to One Hundred and Second street.....	Michael Egan.....	J. McIntyre Smith.....	.....	30 "	3,354 50	.....	.....	.....		
Ninety-fourth street, Boulevard to Riverside Drive.....	Thomas O'Maley...	R. L. Waters....	Edward C. Brady...	150 "	33,311 60	21,401 00	6,420 30	14,980 70		
Ninety-ninth street, Eleventh avenue to Riverside Drive.....	V. Del Genovese...	H. K. Viele.....	.....	1 0 "	8,964 90	8,967 00	2,690 10	6,276 90	{ Work completed, but not yet accepted.	
One Hundred and Thirty-second street, Tenth avenue to Broadway.....	F. Thilemann, Jr...	R. L. Waters....	Isaac Smith.....	.....	.....	.....	.....	.....		
On account of Street Improvement Fund—										
Claremont avenue, One Hundred and Sixteenth to One Hundred and Twenty-second street.....	John Cox & Co....	J. McIntyre Smith.....	Benjamin V. Fraser.....	200 days.	17,128 95	.....	.....	.....	{ Work completed, but not yet accepted.	
Seventh avenue, One Hundred and Twenty-eighth to One Hundred and Forty-fifth street.....	D. W. Moran .....	J. McIntyre Smith.....	John Lawrence....	20 "	6,070 36	.....	.....	.....		
Fort George avenue, Tenth to Eleventh avenue.....	J. H. Sullivan.....	J. McIntyre Smith.....	John W. Keogh....	350 "	23,119 40	.....	.....	.....		
Eighty-second street, Boulevard to Riverside Drive.....	F. C. Hopkins.....	J. McIntyre Smith.....	Morgan L. Ogden....	80 "	8,034 36	.....	.....	.....		
Eighty-ninth street, Boulevard to Riverside Drive.....	F. C. Hopkins.....	J. McIntyre Smith.....	Joseph M. Gowan....	100 "	10,379 20	.....	.....	.....		
Ninety-first street, Tenth avenue to Riverside Drive.....	J. W. Phelan.....	J. McIntyre Smith.....	David Simmons....	200 "	14,393 75	.....	.....	.....		
One Hundred and Seventh street, Boulevard to Tenth avenue.....	John Slattery.....	J. McIntyre Smith.....	Benjamin V. Crane....	30 "	2,843 51	.....	.....	.....		
One Hundred and Fourteenth street, Tenth avenue to Riverside Drive...	George E. Clark....	J. McIntyre Smith.....	William F. Gannon....	150 "	16,202 60	.....	.....	.....		
One Hundred and Forty-ninth street, Seventh to Eighth avenue .....	Michael Fay.....	J. McIntyre Smith.....	Theophilus Pratt...	200 "	8,732 64	.....	.....	.....		
Special Contracts (under \$1,000).										
On account of Street Improvement Fund—										
Flagging—										
Southeast corner Lexington avenue and One Hundred and Twenty-third street .....	Patrick Larney ...	R. J. Dodge.....	.....	20 "	135 20	.....	.....	.....	{ Work completed, but not yet accepted.	
Fencing vacant lots—										
Block bounded by First and Second avenues, Eighty-second and Eighty-third streets.....	Patrick Larney....	R. L. Waters....	.....	20 "	349 44	.....	.....	.....		
Block bounded by Lexington and Third avenues, One Hundred and Twenty-second and One Hundred and Twenty-third streets.....	Patrick Larney....	R. L. Waters....	.....	20 "	74 40	.....	.....	.....		
Northeast corner Seventh avenue and One Hundred and Twenty-sixth street.....	Patrick Larney....	R. L. Waters....	.....	20 "	108 00	.....	.....	.....		
Northeast corner Fourth avenue and One Hundred and Twenty-seventh street .....	Patrick Larney....	R. L. Waters....	.....	20 "	45 60	.....	.....	.....		
North side Fifty-seventh street, commencing 100 feet east of Broadway and running east about 150 feet.....	Patrick Larney....	R. L. Waters....	.....	20 "	23 04	.....	.....	.....		
					Total ...	\$429,710 17	\$250,360 00	\$75,108 00	\$175,252 00	

## Document "H."

DEPARTMENT OF PUBLIC WORKS,  
 BUREAU OF STREETS AND ROADS, NO. 31 CHAMBERS STREET,  
 NEW YORK, October 8, 1886.

General JOHN NEWTON, Commissioner of Public Works:

SIR—In compliance with your instructions, I have the honor to submit the following report of work done and material used; also the amounts expended from the various appropriations under the charge of this Bureau, for the quarter ending September 30, 1886. During the quarter the roads under the charge of the Bureau have received very careful attention, several extensive repairs to macadam streets have been completed. One Hundred and Twenty-fourth street, between Second and Lexington avenues, has been entirely resurfaced. The old roadway was picked up, new stone added to bring the crown to the proper grade and then rolled, the blocks between Second and Third avenues with horse roller, and that between Third and Lexington avenues with steam roller. The pavement at these places is now in as good condition as when originally laid. The Western Boulevard has been resurfaced from One Hundred and Eighteenth to One Hundred and Twenty-third street on the east side, and is in fine condition; other repairs have been made, a more detailed account of which will be found in the report.

Respectfully,

GEO. E. BABCOCK, Superintendent of Streets.

The following macadam streets have been cleaned and repaired during the quarter ending September 30, 1886:

St. Nicholas avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.  
 Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets.  
 Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-sixth streets.  
 Fifth avenue, between One Hundred and Tenth and One Hundred and Twentieth streets, and One Hundred and Twenty-fourth and One Hundred and Thirtieth streets.  
 Pleasant avenue, between One Hundred and Nineteenth and One Hundred and Twenty-fourth streets.  
 Mt. Morris avenue, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets.  
 One Hundred and Tenth street, First avenue to Riverside Drive.  
 One Hundred and Sixteenth street, Seventh to Pleasant avenue.  
 One Hundred and Twenty-third street, Eighth to Mt. Morris avenue.  
 One Hundred and Twenty-fourth street, Pleasant to Fifth avenue, and Sixth to Seventh avenue.  
 One Hundred and Twentieth street, Fifth to Mt. Morris avenue.  
 First avenue, One Hundred and Ninth to One Hundred and Sixteenth street.  
 Avenue A, Fifty-seventh to Eighty-sixth street.  
 Seventy-second street, Avenue A to Fifth avenue.  
 Seventy-second street and Ninth avenue to Riverside Drive.



St. Nicholas place, at One Hundred and Fiftieth street.  
 Western Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets.  
 Tenth avenue, One Hundred and Fifty-first and One Hundred and Sixty-second streets.  
 Morningside avenue, east, and Ninth avenue, One Hundred and Tenth to One Hundred and Twenty-sixth street.

Manhattan street, St. Nicholas avenue to One Hundred and Twenty-fifth street.  
 One Hundred and Twenty-second street, Tenth avenue to Riverside Drive.  
 One Hundred and Forty-fifth street, Eighth avenue to Boulevard.  
 One Hundred and Fifty-second street, between St. Nicholas avenue and Boulevard.  
 One Hundred and Fifty-fifth street, between St. Nicholas avenue and Boulevard.

The following amount of material was used in repairing the above streets :

1,239 team-loads broken stone.  
 147½ team-loads trap-rock screenings.  
 71 team-loads lime-stone screenings.  
 185 team-loads sand.  
 228 team-loads gravel bank screenings.  
 555 team-loads Roa Hook gravel.  
 6 team-loads gutter stuff.  
 5 team-loads sweepings.  
 8 team-loads Telford.  
 5 team-loads dirt.  
 11 team-loads paving blocks hauled.  
 11,640 paving blocks used.

The following amount of material was removed :

651 team-loads broken stone.  
 117 team-loads Telford.  
 9 team-loads building stone.  
 1,484 team-loads dirt.  
 14 team-loads sand.  
 31 team-loads curb.  
 13 team-loads flagging.  
 26 team-loads dirt from basins.

Removed 42 team-loads lumber from old shops to new yard.

#### Miscellaneous Maintenance.

Trimming trees on Sixth and Seventh avenues, between One Hundred and Tenth and One Hundred and Fifty-fourth streets.

Cleaning crosswalks on Seventh avenue at One Hundred and Twenty-sixth, One Hundred and Twenty-seventh and One Hundred and Twenty-eighth streets.

Cleaned around basins at One Hundred and Twenty-fourth, One Hundred and Twenty-fifth and One Hundred and Twenty-sixth streets.

Built pipe-drain, connecting closets at new yard with sewer in One Hundred and Twentieth street, about 220 feet in length.

Hauled 11,640 paving blocks from dock at Manhattanville at North river to One Hundred and Twenty-second street, between Boulevard and Riverside Drive.

Picked up and redistributed clay on Seventh avenue, between One Hundred and Twenty-eighth and One Hundred and Thirty-fifth streets.

The following basins have been cleaned :

Southwest corner of One Hundred and Sixteenth street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-fourth street and Seventh avenue.  
 Northwest corner of One Hundred and Twenty-fifth street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-seventh street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-seventh street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-fifth street and Seventh avenue.  
 Northwest corner of Manhattan avenue and One Hundred and Twenty-fifth street.  
 Northwest corner of Morningside avenue, east, and One Hundred and Twenty-fifth street.  
 Southwest corner of Morningside avenue and One Hundred and Tenth street.  
 Northwest corner of Morningside avenue and One Hundred and Tenth street.  
 Southeast corner of Ninth avenue and One Hundred and Tenth street.  
 Northeast corner of One Hundred and Tenth street and Ninth avenue.  
 Northeast corner of One Hundred and Fortieth street and Boulevard.  
 West side of St. Nicholas avenue at One Hundred and Twenty-ninth, One Hundred and Thirtieth, One Hundred and Thirty-third, One Hundred and Thirty-fourth, One Hundred and Thirty-fifth, One Hundred and Thirty-sixth, One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets, and at northwest corner of One Hundred and Fortieth street.  
 Southeast corner of One Hundred and Twenty-sixth street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-sixth street and Seventh avenue.  
 Northeast corner of One Hundred and Twenty-sixth street and Seventh avenue.  
 Northwest corner of One Hundred and Twenty-sixth street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-fifth street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-fifth street and Seventh avenue.  
 Northeast corner of One Hundred and Twenty-fifth street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-fifth street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-fourth street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-fourth street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-third street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-third street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-second street and Seventh avenue.  
 Southeast corner of One Hundred and Twenty-second street and Seventh avenue.  
 Southwest corner of One Hundred and Twenty-first street and Seventh avenue.  
 Southwest corner of One Hundred and Nineteenth street and Seventh avenue.  
 Southwest corner of One Hundred and Eighteenth street and Seventh avenue.  
 26 team loads of dirt removed from basins.

The following sewer and water connections have been repaired :

Water-tap repair, No. 226 East One Hundred and Twenty-fourth street.  
 Sewer connection, One Hundred and Twenty-fourth street, 100 feet east of Third avenue.  
 Sewer connection, north side of One Hundred and Twenty-fourth street, 100 feet west of Second avenue.  
 Sewer connection, west side of Fifth avenue, 50 feet north of One Hundred and Twenty-seventh street.  
 Sewer connection, north side of One Hundred and Twenty-third street, 325 feet west of Sixth avenue.  
 Sewer connection, west side of Avenue A, 50 feet north of Seventy-fourth street.  
 Sewer connection, south side of Seventy-second street, 150 feet west of Avenue A.  
 Water-tap repair, southwest corner of One Hundred and Twenty-fourth street and Lexington avenue.  
 Sewer connection, No. 59 East One Hundred and Twenty-fourth street.  
 Water-tap repair, No. 182 East One Hundred and Twenty-fourth street.  
 Sewer connection, north side of One Hundred and Twenty-fourth street, 85 feet west of Second avenue.  
 Sewer connection, southeast corner of One Hundred and Twenty-third street and Eighth avenue.  
 Water connection repair, southeast corner of One Hundred and Twenty-third street and Eighth avenue.  
 Water-tap repair, No. 178 East One Hundred and Twenty-fourth street.  
 Water-tap repair, No. 158 East One Hundred and Twenty-fourth street.  
 Sewer connection, north side of One Hundred and Twenty-third street, 270 feet east of Seventh avenue.  
 Sewer connection, 3 openings northeast corner of One Hundred and Twenty-eighth street and Fifth avenue.  
 Water-tap repair, Grand Boulevard, between One Hundred and Twenty-fourth and One Hundred and Twenty-fifth streets.  
 Sewer connection, east side of Tenth avenue, 75 feet south of One Hundred and Fifty-fourth street.

Water-tap repair, north side of One Hundred and Fifty-fifth street, 175 feet east of Boulevard.

Sewer connection, east side of Avenue A, 100 feet north of Seventy-first street.

The following is the amount of material used in repairing these connections :

1 team-load of gravel used.  
 29½ team-loads of broken-stone used.  
 3½ team-loads of trap-rock screenings.  
 41 team-loads of Telford used.  
 ½ team-load of sand used.  
 7½ team-loads of dirt removed.  
 60 team loads of paving-blocks used.

The following streets have been sprinkled :

Western Boulevard, between Fifty-ninth and Eighty-sixth streets, and Manhattan and One Hundred and Forty-fifth streets.

One Hundred and Twenty-second street, between Boulevard and Riverside Drive.

One Hundred and Fifty-second street, between Avenue St. Nicholas and summit west of Boulevard.

One Hundred and Forty-fifth street, between Eighth and Tenth avenues.  
 St. Nicholas avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.  
 Sixth avenue, between One Hundred and Tenth and One Hundred and Thirty-seventh streets.  
 Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets.  
 One Hundred and Twenty-fourth street, between Sixth and Seventh and Fifth and Pleasant avenues.

One Hundred and Twenty-third street, between Eighth and Mt. Morris avenues.

Fifth avenue, between One Hundred and Tenth and One Hundred and Twentieth and One Hundred and Twenty-fourth and One Hundred and Thirtieth streets.

One Hundred and Twentieth street, between Fifth and Mt. Morris avenues.

Mt. Morris avenue, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets.

One Hundred and Sixteenth street, between Seventh and Pleasant avenues.

Pleasant avenue, between One Hundred and Nineteenth and One Hundred and Twentieth streets.

One Hundred and Tenth street, between Sixth and First avenues.

Avenue A, between Fifty seventh and Eighty-sixth streets.

Seventy-second street, between Fifth avenue and Avenue A.

There has been used in sprinkling the above streets and avenues 29,633 barrels, equivalent to 18,106,854 gallons of water.

The following is an account of repairs made to monitors, sprinklers, hand-carts, etc. ; also tools sharpened and repaired ; also the amounts of material used :

Tool-cart No. 4—Painted and lettered.

Tool-cart No. 6—Completely built and painted.

Hand-cart No. 12—Painted and lettered.

Tool-cart No. 5—Painted, new axles, 4 new bolts.

Sprinkler No. 32—Lashed sprinkler to frame.

Sprinkler No. 27—Painted outside.

Sprinkler No. 31—Lashed sprinkler to frame.

Sprinkler No. 23—Fitted new hose to connect the barrel with the sprinkler.

Sprinkler No. 24—Repaired top, new frame, new valves and blocks, 10 new bolts used.

Sprinkler No. 26—Setting and bolting sprinkler frame, lashed sprinkler to same, 9 new bolts used.

Sprinkler No. 19—Two new trusses, new axle bed.

Sprinkler No. 26—Calked, painted inside and outside.

Sprinkler No. 31—General overhauling to iron work.

Sprinkler No. 25—Overhauling and bolts tightened.

Monitor No. 18—Lashed sprinkler to frame.

Monitor No. 4—General overhauling to iron and wood work, repaired irons, new valves and valve blocks, 1 new whiffletree.

Monitor No. 2—Repaired whiffletree.

Monitor No. 17—Painted.

Monitor No. 15—Repaired springs.

Monitor No. 9—Lashed sprinkler to frame, new valves, 1 new valve block, 8 new bolts, 1 new whiffletree.

Monitor No. 7—Painted.

Monitor No. 5—Lashed sprinkler to frame.

Monitor No. 8—New irons on whiffletree.

Monitor No. 11—One iron valve block, 3 bolts, 1 iron valve rod, new valves, lashed sprinkler to frame, new rubber valve beds.

Monitor No. 16—Lashed sprinkler to frame, repaired valve blocks.

Monitor No. 3—Whole new frame under barrel, 6 new cross-bars, 1 new foot board, spliced barrel staves two places.

Horse roller—Made new frame complete and painted same.

#### Miscellaneous Shop Work.

Built new work benches in carpenter, blacksmith and paint shops, repaired 12 hose and crooks, set up blacksmith forge complete, fitted up office for Superintendent, erected partition and painted same, new locks on doors, oiled and varnished floor to same, fitted and placed iron railing partition, lettered large gates to yard "No Admittance," repaired road scrapers, repaired and sharpened 4 sounding bars (sewers), fastened iron bars on windows of shops, built 1 new tool box, put handles in paving hammer, built store-room for supplies, made 1 document chest complete, painted and lettered the same, repaired wagon used by Foreman Mooney on the work, set tires, 1 set of rims and painted same 1 coat, fitted and placed shelves in paint shop, made 1 new maul, ironed 2 sets of new whiffletrees, made 2 new hydrant wrenches, repaired windlass for Bureau of Sewers, made 1 new road scraper complete, fitted 12 lengths of hose to crooks, made irons for 3 sets of whiffletrees, made 18 new whiffletrees, made 4 sway bars, painted tool box, made 2 straight-edges, repaired 2 tool boxes, made 4 paving templates, rebored large gates to yard, put handles in 3 paving hammers, repaired tool cart, 2 iron straps and 5 bolts used, made 4 new hand wedges, and put handles in 4 sledges, set anvil block in blacksmith's shop, sharpened cross-cut saw, put handles in 2 hammers, put 4 new locks on tables and 2 on chests, put new iron straps on hose and crooks, repaired wrenches for Sewer Bureau, welded fifth wheel brace on wagon used by Superintendent ; also made and fitted new washers on 4 wheels, made small report chest and desk for Foremen Dixon and McGowan, made 2 wood benches for carpenter shop, repaired 2 sets of whiffletrees, sharpened 4 grubs, sharpened 14 crowbars, sharpened 8 stone wedges, made 1 stone wedge, made 1 new paving hammer, sharpened 41 hand drills, sharpened and laid 113 picks, sharpened 622 picks.

The following material was used in the above work :

828 pounds of iron, 131 pounds of steel, 103 bolts, 57 feet of rubber hose, 2 pounds of blue paint, 2 pounds of patent dryer, 1 pint of shellac, 34 pounds of putty, 1¼ gallons of varnish, 8¼ gallons of turpentine, 0½ gallons raw oil, ¾ gallons boiled oil, 7 pounds black paint, 46 pounds red lead, 123 pounds of white lead, 3½ gross screws, 55 pounds nails, 40 feet white wood, 411 feet oak, 181 feet of pine, 980 feet of old boards and timber, 2 hubs, 28 spokes.

Unpaved streets repaired with sweepings from macadam roadways :

One Hundred and Fourth street, between Boulevard and Riverside Drive.  
 One Hundred and Ninth street, between Boulevard and Riverside Drive.  
 One Hundred and Eleventh street, between Boulevard and Riverside Drive.  
 One Hundred and Fifteenth street, between Boulevard and Riverside Drive.  
 Tenth avenue, between One Hundred and Ninth and One Hundred and Twenty-third streets, and One Hundred and Forty-third and One Hundred and Fifty-first streets.  
 Eighty-sixth street, between Boulevard and Eleventh avenue.  
 Eleventh avenue, between Sixty-fourth and Sixty-eighth streets.  
 Ninth avenue, between One Hundred and Ninth and One Hundred and Tenth streets.  
 Seventy-seventh street, between Ninth and Tenth avenues.  
 One Hundred and Twenty-fifth street, between Tenth avenue and Boulevard.  
 One Hundred and Thirty-ninth street, west of Boulevard.  
 One Hundred and Fifty-first street, west of Boulevard.  
 One Hundred and Fifty-fifth street, between St. Nicholas avenue and St. Nicholas place.  
 Tenth avenue, between Seventieth and Seventy-eighth streets.  
 Eightieth street, west of Tenth avenue.  
 One Hundred and Thirty-fifth street, west of Eighth avenue.  
 Ninety-third street, east of Boulevard.  
 Ninety-sixth street, east of Boulevard.  
 Eighty-eighth street, west of Boulevard.  
 Ninety-ninth street, east of Boulevard.  
 One Hundred and Fifty-first street, west of Tenth avenue.  
 One Hundred and Fifty-seventh street, west of Tenth avenue.  
 625 team-loads dirt used.

The following are the macadamized roads, streets and avenues that have been cleaned or repaired, with the area of work done in square feet, with an account of basins cleaned and other work done :

	Area.
Seventh avenue—	
Gutters cleaned from One Hundred and Tenth to One Hundred and Fifty-fourth street .....	92,818.80 square feet.
Gravel bank screenings spread .....	63,367 "
Sixth avenue—	
Gutters cleaned from One Hundred and Tenth to One Hundred and Forty-first street .....	76,152 "
Fifth avenue—	
Gutters cleaned from One Hundred and Twenty-fourth to One Hundred and Thirtieth street .....	12,528 "
Pleasant avenue—	
Gutters cleaned from One Hundred and Nineteenth to One Hundred and Twenty-fourth street .....	10,553.20 "
Gravel bank screenings spread .....	79,149 "
St. Nicholas avenue—	
Gutters cleaned from One Hundred and Tenth to One Hundred and Twenty-fifth street .....	32,000 "
Resurfaced with Roa Hook gravel .....	165,077 "
Mt. Morris avenue—	
Gutters cleaned from One Hundred and Twentieth to One Hundred and Twenty-fourth street .....	8,386.5 "



One Hundred and Tenth street—		
Gutters cleaned from Eighth to Fifth avenue.	82,920	square feet.
Roadway and gutters cleaned from Fifth to First avenue.	50,301	"
One Hundred and Sixteenth street—		
Gutters cleaned between Seventh and Pleasant avenues.	45,812	"
Macadam repaired.	7,196	"
One Hundred and Twenty-third street—		
Roadway and gutters cleaned from Eighth to Mt. Morris avenue.	65,100	"
Macadam repaired.	832	"
One Hundred and Twenty-fourth street—		
Roadway and gutters cleaned.	115,770	"
Macadam repaired.	28,500	"
First avenue—		
Roadway and gutters cleaned from One Hundred and Ninth to One Hundred and Sixteenth street.	92,412	"
Macadam repaired.	15,688	"
One Hundred and Twentieth street—		
Roadway and gutters cleaned from Fifth to Mt. Morris avenue.	12,900	"
Avenue A—		
Roadway and gutters cleaned from Fifty-seventh to Eighty-sixth street.	448,204	"
Lime-stone screenings spread from Fifty-eighth to Sixtieth street.	21,666.40	"
Repairs to macadam.	4,202	"
Blue-stone bridge set at Seventy-fifth street.	233	lineal feet.
Bridge-stone reset.	100	"
Granite paving blocks used.	59	"
East Seventy-second street—		
Roadway and gutters cleaned from Avenue A to Fifth avenue.	153,160	square feet.
Repairs to macadam.	10,365	"
Intersection of Seventy-second street and Fourth avenue entirely resurfaced.	5,482.5	"
Fifth avenue—		
Gutters cleaned from One Hundred and Tenth to One Hundred and Twentieth street.	21,266	"
St. Nicholas avenue—		
Gutters cleaned from One Hundred and Twenty-fifth to One Hundred and Fifty-fifth street.	65,197.60	"
Roadway resurfaced with Roa Hook gravel.	217,024	"
Basins cleaned.	9	"
St. Nicholas place—		
Repairs to block pavement gutters at One Hundred and Fiftieth street.	311.5	"
Macadam repaired.	444	"
Western Boulevard—		
Gutters cleaned from Fifty-ninth to One Hundred and Fifty-fifth street.	204,144	"
Repairs to macadam.	233,905	"
Basins cleaned.	1	"
Tenth avenue—		
Roadway and gutters cleaned from One Hundred and Fifty-first to One Hundred and Sixty-second street.	82,333.60	"
Morningside avenue, east, and Ninth avenue—		
Cleaned gutters from One Hundred and Tenth to One Hundred and Twenty-sixth street.	34,454	"
Basins cleaned.	6	"
Manhattan street—		
Cleaned gutters from St. Nicholas avenue to One Hundred and Twenty-fifth street.	3,512	"
Seventy-second street, West—		
Cleaned gutters from Ninth avenue to Riverside Drive.	21,408	"
One Hundred and Tenth street, West—		
Cleaned gutters from Eighth avenue to Riverside Drive.	24,344	"
Repaired macadam.	21,860	"
Basins cleaned (6).		
One Hundred and Twenty-second street—		
Spread gravel bank screenings Tenth avenue to Riverside Drive.	54,306	"
Repaired macadam.	7,360	"
Paved gutters from Boulevard to Riverside Drive.	4,160	"
Cleaned roadway and gutters.	54,366	"
One Hundred and Forty-fifth street—		
Spread gravel bank screenings, Tenth avenue and Boulevard.	48,840	"
Repaired macadam.	7,451	"
One Hundred and Fifty-second street—		
Cleaned gutters from St. Nicholas avenue to Boulevard.	11,656	"
Repaired macadam.	10,400	"
Spread gravel bank screenings between Avenue St. Nicholas and summit west of Boulevard.	51,266.40	"
One Hundred and Fifty-fifth street—		
Cleaned gutters from Avenue St. Nicholas to Boulevard.	10,000	"
Spread gravel bank screenings from Avenue St. Nicholas to Boulevard.	78,450	"
Placed 3 catch-stones in front of basins.		
Repaired macadam.	22,554	"
Recapitulation of work done on appropriation for Boulevards, Roads and Avenues—Maintenance of—		
Roadway and gutters cleaned.	1,074,486.60	square feet.
Gutters cleaned.	757,152.10	"
Gravel bank screenings spread.	375,378.40	"
Macadam pavement repaired.	376,299.50	"
Lime-stone screenings spread.	21,666.40	"
Roadway resurfaced with Roa Hook gravel.	382,101	"
New bridge-stone laid.	233	lineal feet.
Old bridge-stone relaid.	100	"
Gutters paved with block pavement.	4,160	square feet.
Block pavement repaired.	311.50	"
Paving-blocks used.	11,640	"
Basins cleaned.	40	"
Catch-stones set in front of basins.	3	"
The following is a list of unpaved streets that have been repaired:		
Eighty-third street, between Avenue B and First avenue. Gutters cleaned.		
Eighty-seventh street, between Avenue B and First avenue. Gutters cleaned.		
Avenue B, Eighty-second to Eighty-sixth street. Gutters cleaned.		
One Hundred and Thirteenth street, Boulevard and Morningside avenue. Gutters cleaned.		
One Hundred and Fifty-eighth street and Eleventh avenue. Gutters cleaned.		
Boulevard extension, north of One Hundred and Fifty-eighth street (French Boulevard). Gutters opened and road regraded.		
Kingsbridge road, between One Hundred and Seventy-fifth and One Hundred and Seventy-eighth streets. Stone broken for macadamizing.		
Inwood lane, between Kingsbridge road and Hudson River Railroad. Macadamized and gutters opened.		
Ninety-fifth street, Lexington and Fifth avenues. Opened gutters and shaped roadway.		
Macomb's Dam road, between Eighth avenue and Central Bridge. Repaired roadway.		
One Hundred and Thirty-fifth street, Madison and Seventh avenues. Regraded roadway and opened gutters.		
Eighty-eighth street, between First and Lexington avenues. Shaped roadway and opened gutters.		
Eighth avenue, between One Hundred and Forty-fifth and One Hundred and Fifty-fifth streets. Cleaned gutters, shaped roadway and mowed grass on sidewalks, and repaired hole at One Hundred and Forty-seventh street.		
Fort Washington Depot lane, between Kingsbridge road and Hudson river. Spread gravel bank screenings and cleaned gutters.		
One Hundred and Fifty-second street, between summit west of Boulevard and Hudson River Railroad. Regulated roadway.		
Ninety-fifth street, between Second and Third avenues. Cleaned gutters and shaped roadway.		
Ninety-sixth street, Second to Third avenue. Cleaned gutters and shaped roadway.		
Ninety-sixth street, Lexington to Fifth avenue. Cleaned gutters and shaped roadway.		
Ninety-ninth street, between First and Third avenues. Cleaned gutters and shaped roadway.		
Ninety-third street, between Fourth and Fifth avenues. Regulated roadway.		
Madison avenue, between One Hundred and Thirty-second street and bridge. Regulated roadway.		
Ninety-fourth street, between Fourth and Fifth avenues. Opened gutters and shaped roadway.		
Ninety-seventh street, between Lexington and Fifth avenues. Cleaned gutters and repaired roadway.		
One Hundred and Thirty-sixth street, Madison to Pleasant avenue. Opened gutters and shaped roadway.		

Sixty-seventh street, between First and Second avenues. Cleaned gutters and repaired roadway. Eightieth street, Eighth avenue to Riverside Drive. Mowed weed from sidewalks. Eighty-first street, Eighth avenue to Riverside Drive. Mowed weed from sidewalks. Eighty-sixth street, Eighth avenue to Riverside Drive. Mowed weed from sidewalks. Seventy-third street, Eighth avenue to Riverside Drive. Mowed weed from sidewalks. Seventy-seventh street, Eighth avenue to Riverside Drive. Mowed weed from sidewalks. Seventh-sixth street, Eighth avenue to Riverside Drive. Mowed weed from sidewalks. Repaired Seventh avenue, from One Hundred and Eleventh to One Hundred and Twelfth street.

Repaired around fire-hydrants at One Hundred and Twelfth, One Hundred and Fifteenth, One Hundred and Sixteenth, One Hundred and Seventeenth and One Hundred and Nineteenth streets. Repaired around fire-hydrants at One Hundred and Thirty-fourth, One Hundred and Fifty-second and One Hundred and Eighteenth streets.

Repaired One Hundred and Sixteenth street, Seventh to Eighth avenue. Repaired One Hundred and Seventeenth street, Seventh to Eighth avenue. Repaired One Hundred and Eleventh street, Seventh to Eighth avenue. Repaired One Hundred and Eighteenth street, Seventh to Eighth avenue. Flagging relaid—316 square feet on Eighth avenue, between One Hundred and Eleventh and One Hundred and Twelfth streets, and One Hundred and Fifteenth street, near Madison avenue.

The following amount of material was used on the above work:

2,151 team-loads dirt.  
207 team-loads stone.  
150 team-loads lime-stone screenings.

Material delivered by contract on the work is not allowed as material hauled.

The following unpaved streets and roads have been sprinkled during the quarter:

Kingsbridge road, from One Hundred and Ninetieth street to Kingsbridge.  
Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Seventy-fifth street.  
One Hundred and Seventy-fifth street, Tenth avenue to Kingsbridge road.  
One Hundred and Thirty-fifth street, Avenue St. Nicholas to Eighth avenue, and Seventh to Madison avenue.

Madison avenue, from One Hundred and Thirty-fifth street to the bridge. Repaired roadway. One Hundred and Thirty-sixth street, from Seventh to Madison avenue. Pleasant avenue, One Hundred and Sixteenth and One Hundred and Nineteenth streets. Amount of water used on unpaved streets not recorded.

The following macadam work was done on unpaved roads and streets:

Inwood street, from Kingsbridge road to Hudson River Railroad. Macadamized with broken stone of gneiss rock, sand and lime-stone screenings. Area, 27,420 square feet.  
F street, from Inwood street to Bolton road. Covered with lime-stone screenings. Area, 8,305 square feet.  
Kingsbridge road, between One Hundred and Seventy-fifth and One Hundred and Seventy-ninth streets. Stone of gneiss rock, broken to proper size by employees of the Bureau, placed, but not covered. Area, 2,050 square feet.  
Fort Washington Depot lane, from Kingsbridge road to Hudson River Railroad. Covered with lime-stone screenings. Area, 35,035 square feet.

## RECAPITULATION.

Roadway repaired with broken stone of gneiss rock, sand and lime-stone screenings. Area, 27,420 square feet.	
Repaired roadway with lime-stone screenings. Area, 43,440 square feet.	
Repaired roadway with gneiss stone (not covered). Area, 20,050.	
The following is a statement of the various appropriations and expenditures on roads, streets and avenues unpaved—Maintenance of, 1886:	
Amount appropriated for 1886.	\$25,000 00
Amount transmitted during the first quarter, 1886.	1,724 25
Balance, April 1, 1886.	\$23,275 75
Amount transmitted during the second quarter, ending June 30, 1886.	6,017 71
Balance, June 30, 1886.	\$17,258 04
Amount transmitted during the third quarter, ending September 30, 1886, is as follows:	
Pay-roll, Laborers, etc., for June 30, 1886.	\$1,385 00
" " " July 15, "	1,383 50
" " " 30, "	1,485 75
" " " Aug. 15, "	1,176 00
" " " 31, "	1,339 50
" " " Sept. 15, "	1,261 00
Filling.	872 80
Lime-stone screenings.	893 50
Horse-keep.	180 00
	9,977 05
Balance, October 1, 1886.	\$7,280 99

The following is the amount received during the third quarter, ending September 30, 1886, for use of sprinklers, and deposited to the credit of the General Fund . . . \$39 00

The following is a statement of the appropriations and expenditures on boulevards, roads and avenues—Maintenance of, 1886:

Amount appropriated for 1886. . . \$80,000 00

Amount transmitted during the first quarter, 1886. . . 6,769 87

Balance, April 1, 1886.	\$73,230 13
Amount transmitted during the second quarter, ending June 30, 1886.	24,798 66
Balance, June 30, 1886.	\$48,431 47
Amount transmitted during the third quarter, ending September 30, 1886, is as follows:	
Pay-roll, Laborers, etc., for June 30, 1886.	\$3,473 50
" " " July 15, "	3,511 62
" " " 31, "	3,298 50
" " " Aug. 15, "	2,825 99
" " " 31, "	3,443 62
" " " Sept. 15, "	3,217 25
Repairs to sprinklers.	41 20
Lumber.	50 57
Horse-keep.	90 00
Moving steam-roller.	10 00
Coal.	10 00
Roa Hook gravel.	702 26
Trap-rock and screenings.	356 25
Paving blocks.	116 40
Hardware, etc.	161 25
Gravel screenings.	848 06
Trap-rock stone.	845 83
Sand.	107 64
	23,109 94
Balance, October 1, 1886.	\$25,321 53

## Document "I."

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF LAMPS AND GAS, ROOM 11, NO. 31 CHAMBERS STREET,  
NEW YORK, October 9, 1886.

Gen. JOHN NEWTON, *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, 1886.

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.

In Exhibit "B" is a summary of the appropriation for "Lamps and Gas and Electric Lighting," showing an expenditure during the quarter of one hundred and seventy-four thousand eight hundred and fifty-two dollars and twenty-seven cents (\$174,852.27), and for the nine months of four hundred and seventy-five thousand four hundred and seventy-three dollars and twenty-six cents (\$475,473.26), with liabilities amounting to fifty-five thousand nine hundred and seven dollars and thirty-six cents (\$55,907.36), leaving an available balance of one hundred and eighty-seven thousand four hundred and nineteen dollars and thirty-eight cents (\$187,419.38).



Exhibit "C" is a summary of the appropriation for "Salaries—Lamps and Gas and Electric Lighting," and this shows an expenditure during the quarter of twelve hundred and sixty-eight dollars and eighty-eight cents (\$1,268.88), and for the nine months of thirty-nine hundred and eighteen dollars and eighty-five cents (\$3,918.85), with an available balance of eighteen hundred and forty-one dollars and fifteen cents (\$1,841.15).

Exhibit "D" is a summary of the appropriation for "Street Signs on Buildings and Public Lamps." No vouchers have been drawn against this appropriation during the last quarter, but the expenditures for the nine months amounted to one thousand and forty-five dollars (\$1,045), with liabilities of six hundred and seventy-five dollars (\$675), leaving an available balance of thirty-two hundred and eighty dollars (\$3,280).

Exhibit "E" is a summary of the "Lamp Account," showing the number of new lamps lighted, old lamps relighted and lamps discontinued during the quarter, a total of one hundred and ninety-eight (198) new gas-lamps and six (6) new naphtha-lamps having been fitted up and lighted, sixty-two (62) old lamps relighted, and eighty-four (84) gas-lamps discontinued. The net increase of the public lamps during the quarter was one hundred and eighty-two (182), and the total number of public lamps of all kinds burning September 30, was twenty-four thousand seven hundred and thirty-nine (24,739).

Exhibit "F" is a statement showing the lowest, highest and average illuminating power of the gases supplied to the City by the several gas companies having mains on the lines of our two photometric stations.

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

OF WHAT COMPANY.	SULPHUR. (Grs. in 100 cu. ft.)	AMMONIA. (Grs. in 100 cu. ft.)	SULPHURETTED HYDROGEN.
Consolidated Gas Co.—			
New York Branch .....	3.26	0.23	None.
Manhattan Branch .....	5.12	2.59	"
Municipal Branch .....	2.85	0.14	"
Metropolitan Branch .....	29.45	4.96	"
Knickerbocker Branch .....	7.30	0.89	"
New York Mutual Gas-light Co. ....	5.17	0.14	Traces.
Equitable Gas-light Co. ....	3.45	0.13	None.

The following shows the specific gravity of the gases:

Consolidated Gas Co.—	
New York Branch, specific gravity .....	.623
Manhattan Branch, " .....	.515
Metropolitan Branch, " .....	.538
Municipal Branch, " .....	.656
Knickerbocker Branch, " .....	.619
N. Y. Mutual Gas-light Co., " .....	.720
Equitable Gas-light Co., " .....	.636

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

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
	Inches.	Inches.		Miles.
Consolidated Gas Co.—				
New York Branch .....	1.41	1.34	Cor. of Grand street and Bowery	1.75
Manhattan Branch .....	2.14	1.36	" " "	1.75
Metropolitan Branch .....	1.39	0.83	(Seventy-ninth street, between Second and Third avenues.)	3.25
Municipal Branch .....	2.23	1.44	Cor. of Grand street and Bowery	3.25
Knickerbocker Branch .....	2.98	1.35	(Seventy-ninth street, between Second and Third avenues.)	1.75
New York Mutual Gas-light Co. ....	2.22	1.85	Cor. of Grand street and Bowery	1.75
Equitable Gas-light Co. ....	2.44	1.59	" " "	2.75

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, Repairing and Lighting the Public Lamps, etc., for the Quarter ending September 30, 1886.

Washington Market .....	\$634 65
Catharine Country Market .....	16 50
Catharine Meat Market .....	21 45
Fulton Meat Market .....	331 80
Fulton Country Market .....	492 30
Essex Market .....	20 16
Centre Market .....	17 10
Clinton Market .....	145 80
Union Market .....	5 10
Tompkins Market .....	119 28
Jefferson Market .....	111 58
First District Police Court .....	217 20
Second District Police Court .....	44 66
Third District Police Court .....	25 34
Fourth District Police Court .....	88 62
Fifth District Police Court .....	6 00
First District Civil Court .....	15
Second District Civil Court .....	17 85
Fourth District Civil Court .....	9 52
Fifth District Civil Court .....	24 50
Sixth District Civil Court .....	4 76
Eighth District Civil Court .....	8 70
Ninth District Civil Court .....	7 50
Tenth District Civil Court .....	13
Court-room, Brown-stone Building .....	69 60
New Court-house .....	921 30
City Hall .....	321 15
Corporation Counsel's Office .....	1 80
Corporation Attorney's Office .....	52 80
Receiver of Taxes' Office .....	177 45
Department of Public Works .....	190 20
Department of Taxes .....	6 00
Court of Special Sessions .....	45
CITY RECORD Bookbindery .....	90
County Jail .....	217 70
Pipe Yard, Rivington street .....	45
Water Purveyor's Repair Shop, Thirtieth street .....	6 00
Water Purveyor's Repair Shop, Eighty-third street .....	4 35
Water Purveyor's Repair Shop, One Hundred and Twenty-ninth street .....	11 85
South Gate-house .....	70 65
Engine-house, High-water Service, High Bridge .....	69 90
Engine-house, High-water Service, Ninety-eighth street .....	130 20
Clock-tower, Third District Court-house .....	135 10
Photometrical Rooms, Grand street .....	5 08
Photometrical Rooms, Seventy-ninth street .....	1 05
Seventh Regiment Armory .....	169 95
Eighth Regiment Armory .....	120 45

Ninth Regiment Armory .....	\$129 30
Eleventh Regiment Armory .....	55 02
Twelfth Regiment Armory .....	86 66
Twenty-second Regiment Armory .....	290 50
Sixty-ninth Regiment Armory .....	112 14
Seventy-first Regiment Armory .....	91 56
First Battery Armory .....	21 84
Second Battery Armory .....	47 60
Public Bath, Battery, North river .....	28 20
Public Bath, Gouverneur Slip, East river .....	25 05
Public Bath, Duane Street, North river .....	14 40
Public Bath, Fifth Street, East river .....	27 30
Public Bath, Horatio Street, North river .....	28 50
Public Bath, Nineteenth Street, East river .....	25 80
Public Bath, Twenty-seventh Street, North river .....	39 75
Public Bath, Thirty-seventh Street, East river .....	33 30
Public Bath, Fifty-first Street, North river .....	24 30
Public Bath, One Hundred and Twelfth Street, East river .....	24 30
Public Bath, One Hundred and Thirty-eighth Street, East river .....	15 87
Gas examinations .....	356 00
Lighting public markets (Pay-rolls) .....	522 00
Cleaning Photometrical Rooms (Pay-rolls) .....	15 00
New lamp-stands .....	1,540 00
New street-lamps .....	1,334 00
New boulevard lamps .....	1,050 00
New lamp-irons .....	228 00
Street signs .....	18 00
Repairing and reglazing lamps .....	75 00
Photometrical Rooms, Grand street—Rent .....	150 00
Photometrical Rooms, Seventy-ninth street—Rent .....	90 00
Fitting-up new lamps .....	680 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards .....	552 00
Resetting and repairing lamp-posts .....	1,458 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards .....	695 50
Lighting public lamps .....	82,989 23
Lighting public lamps, Twenty-third and Twenty-fourth Wards .....	30,831 11
Lighting electric-lamps .....	45,401 30
Lighting naphtha-lamps .....	690 21
Total .....	\$174,852 27

#### RECAPITULATION.

Gas to public offices, etc. ....	\$6,176 42
Supplies to public lamps, etc. ....	5,378 00
Fitting-up new lamps .....	680 00
Fitting-up new lamps, Twenty-third and Twenty-fourth Wards .....	552 00
Resetting and repairing lamp-posts .....	1,458 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards .....	695 50
Lighting public lamps .....	82,989 23
Lighting public lamps, Twenty-third and Twenty-fourth Wards .....	30,831 11
Lighting electric-lamps .....	45,401 30
Lighting naphtha-lamps .....	690 21
Total .....	\$174,852 27

#### EXHIBIT "B."

Summary of the Appropriation for Lamps and Gas and Electric Lighting, showing the Amount Expended during the Quarter ending September 30, 1886, and the Amount standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting" for 1886 .....	\$718,800 00
Amount expended during the six months ending June 30, 1886 .....	\$300,620 99
Amount expended during the quarter ending September 30, 1886 .....	174,852 27
Balance against which no vouchers have been drawn .....	\$243,326 74

#### LIABILITIES.

Consolidated Gas Co., lighting public lamps, month of September .....	\$26,769 27
Equitable Gas-light Co., " .....	1,746 63
New York Mutual Gas-light Co., " .....	393 33
Central Gas-light Co., " .....	5,409 63
Northern Gas-light Co., " .....	4,265 00
Yonkers Gas-light Co., " .....	850 50
N. Y. & N. J. Globe Gas-light Co., " .....	250 00
Brush Electric Illuminating Co., " .....	7,308 00
United States Illuminating Co., " .....	7,623 00
C. H. Delamater & Co., 40 boulevard lamp-posts .....	612 00
Hotchkiss, Field & Co., 100 lamp-posts .....	770 00
Total .....	\$55,907 36
Balance available September 30, 1886 .....	\$187,419 38

#### EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting—Salaries," showing the Amount Expended during the Quarter ending September 30, 1886, with the Balance standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting—Salaries," 1886 .....	\$5,400 00
Amount expended during the six months ending June 30, 1886 .....	\$2,649 97
Amount expended during the quarter ending September 30, 1886 .....	1,268 88
Balance available September 30, 1886 .....	\$1,841 15

#### EXHIBIT "D."

Summary of the Appropriation for "Street-signs on Buildings and Public Lamps," showing the Amount Expended during the Quarter ending September 30, 1886, with the Balance standing to the Credit of the Appropriation.

Amount appropriated for "Street-signs on Buildings and Public Lamps" .....	\$5,000 00
Amount expended during the six months ending June 30, 1886 .....	1,045 00
Amount expended during the quarter ending September 30, 1886 .....	1,045 00
Balance against which no vouchers have been drawn .....	\$3,955 00

#### LIABILITIES.

E. P. Gleason, 3,300 glass street signs .....	675 00
Balance available September 30, 1886 .....	\$3,280 00

#### EXHIBIT "E."

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, 1886.

CONSOLIDATED GAS COMPANY, NEW YORK BRANCH (NO. 1).			
Number of lamps lighted June 30, 1886 .....	3,843		
Number of new lamps lighted during the quarter .....	7		
Number of old lamps relighted during the quarter .....	1		
Less lamps discontinued during the quarter .....		3,851	
Number of lamps lighted September 30, 1886 .....			3,838



CONSOLIDATED GAS COMPANY, MANHATTAN BRANCH (NO. 2).				NORTHERN GAS-LIGHT COMPANY.			
Number of lamps lighted June 30, 1886.....	3,618			Number of lamps lighted June 30, 1886.....	1,668		
Number of new lamps lighted during the quarter.....	5			Number of new lamps lighted during the quarter.....	40		
Number of old lamps relighted during the quarter.....	5			Number of old lamps relighted during the quarter.....	0		
		3,628				1,708	
Less lamps discontinued during the quarter.....	3			Less lamps discontinued during the quarter.....	.....	2	
Less lamps transferred to Branch No. 3.....	440						
Less lamps transferred to Branch No. 4.....	530			Number of lamps lighted September 30, 1886.....	.....		1,706
		973					
Number of lamps lighted September 30, 1886.....	.....		2,655				
CONSOLIDATED GAS COMPANY, MUNICIPAL BRANCH (NO. 3).				YONKERS GAS-LIGHT COMPANY.			
Number of lamps lighted June 30, 1886.....	0			Number of lamps lighted June 30, 1886.....	337		
Number of new lamps lighted during the quarter.....	5			Number of new lamps lighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	20			Number of old lamps relighted during the quarter.....	0		
Number of lamps transferred from Branch No. 2.....	440			Less lamps discontinued during the quarter.....	.....	337	
Number of lamps transferred from Branch No. 4.....	2,232					0	
		2,697		Number of lamps lighted September 30, 1886.....	.....		337
Less lamps discontinued during the quarter.....	.....	7		Total number of gas-lamps lighted September 30, 1886.....	.....		23,908
			2,690				
Number of lamps lighted September 30, 1886.....	.....						
CONSOLIDATED GAS COMPANY, METROPOLITAN BRANCH (NO. 4).				NAPHTHA LAMPS.			
Number of lamps lighted June 30, 1886.....	4,074			NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.			
Number of new lamps lighted during the quarter.....	29			Number of lamps lighted June 30, 1886.....	114		
Number of old lamps relighted during the quarter.....	5			Number of new lamps lighted during the quarter.....	6		
Number of lamps transferred from Branch No. 2.....	530			Number of old lamps relighted during the quarter.....	0		
Number of lamps transferred from Branch No. 6.....	734			Less lamps discontinued during the quarter.....	.....	120	
		5,372				0	
Less lamps discontinued during the quarter.....	9			Total number of naphtha-lamps lighted September 30, 1886.....	.....		120
Less lamps transferred to Branch No. 3.....	2,232						
		2,241					
Number of lamps lighted September 30, 1886.....	.....		3,131				
CONSOLIDATED GAS COMPANY, HARLEM BRANCH (NO. 6).				ELECTRIC-LAMPS.			
Number of lamps lighted June 30, 1886.....	6,075			BRUSH ELECTRIC ILLUMINATING COMPANY.			
Number of new lamps lighted during the quarter.....	80			Number of lamps lighted June 30, 1886.....	348		
Number of old lamps relighted during the quarter.....	18			Number of new lamps lighted during the quarter.....	0		
		6,173		Number of old lamps relighted during the quarter.....	0		
Less lamps discontinued during the quarter.....	14			Less lamps discontinued during the quarter.....	.....	348	
Less lamps transferred to Branch No. 4.....	734					0	
		748		Number of lamps lighted September 30, 1886.....	.....		348
Number of lamps lighted September 30, 1886.....	.....		5,425				
Total number of lamps lighted by Consolidated Gas Company, September 30, 1886.....	.....		17,739				
NEW YORK MUTUAL GAS-LIGHT COMPANY.				UNITED STATES ILLUMINATING COMPANY.			
Number of lamps lighted June 30, 1886.....	208			Number of lamps lighted June 30, 1886.....	363		
Number of new lamps lighted during the quarter.....	0			Number of new lamps lighted during the quarter.....	0		
Number of old lamps relighted during the quarter.....	0			Number of old lamps relighted during the quarter.....	0		
		208		Less lamps discontinued during the quarter.....	.....	363	
Less lamps discontinued during the quarter.....	.....	0				0	
Number of lamps lighted September 30, 1886.....	.....		208	Number of lamps lighted September 30, 1886.....	.....		363
EQUITABLE GAS-LIGHT COMPANY.				Total number of electric-lamps lighted September 30, 1886..	.....		711
Number of lamps lighted June 30, 1886.....	1,666						
Number of new lamps lighted during the quarter.....	6						
Number of old lamps relighted during the quarter.....	2						
		1,674					
Less lamps discontinued during the quarter.....	.....	1					
Number of lamps lighted September 30, 1886.....	.....		1,673				
CENTRAL GAS-LIGHT COMPANY.				RECAPITULATION.			
Number of lamps lighted June 30, 1886.....	2,243			Number of gas-lamps lighted June 30, 1886.....	23,732		
Number of new lamps lighted during the quarter.....	26			Number of naphtha-lamps lighted June 30, 1886.....	114		
Number of old lamps relighted during the quarter.....	11			Number of electric-lamps lighted June 30, 1886.....	711		
		2,280				24,557	
Less lamps discontinued during the quarter.....	35			Number of new gas-lamps lighted during the quarter.....	198		
				Number of new naphtha-lamps lighted during the quarter.....	6		
Number of lamps lighted September 30, 1886.....	.....		2,245	Number of new electric-lamps lighted during the quarter.....	0		
						204	
				Number of gas-lamps relighted during the quarter.....	62		
				Number of naphtha-lamps relighted during the quarter.....	0		
				Number of electric-lamps relighted during the quarter.....	0		
						62	
				Less gas-lamps discontinued during the quarter.....	.....	84	
				Less naphtha-lamps discontinued during the quarter.....	.....	0	
				Less electric-lamps discontinued during the quarter.....	.....	0	
							84
				Total number of lamps lighted September 30, 1886.....	.....		24,739

EXHIBIT "F."

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, 1886, as shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	CONSOLIDATED GAS CO. NEW YORK BRANCH.			CONSOLIDATED GAS CO. MANHATTAN BRANCH.			CONSOLIDATED GAS CO. METROPOLITAN BRANCH.			CONSOLIDATED GAS CO. MUNICIPAL BRANCH.			CONSOLIDATED GAS CO. KNICKERBOCKER BRANCH.			N. Y. MUTUAL GAS-LIGHT CO.			EQUITABLE GAS-LIGHT CO.		
	ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.		
Week Ending—	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July 3.....	26.11	27.40	26.85	22.21	22.83	22.47	20.74	22.59	21.64	29.40	30.28	29.84	21.83	23.19	22.76	26.88	31.23	29.70	29.53	33.26	31.46
" 10.....	26.64	28.48	27.45	22.95	20.73	22.32	20.48	21.80	21.24	30.23	31.50	30.98	21.81	22.85	22.42	27.15	31.44	28.94	31.01	33.37	32.07
" 17.....	26.40	27.80	27.06	21.15	22.14	21.75	20.03	21.55	20.83	29.91	30.76	30.34	22.32	23.38	22.65	27.06	30.92	29.67	32.60	33.53	32.96
" 24.....	25.88	27.56	26.51	21.39	23.05	22.17	20.88	21.84	21.42	29.08	30.54	29.80	20.94	22.30	21.69	29.54	31.75	30.66	29.49	31.63	30.26
" 31.....	26.19	27.95	26.86	21.06	23.39	22.23	21.01	21.72	21.32	29.55	30.89	30.23	20.72	21.92	21.42	30.30	33.71	31.90	29.50	32.56	31.10
Aug. 7.....	24.73	26.21	25.32	21.00	21.87	21.33	20.34	20.92	20.64	27.33	28.38	27.94	20.17	20.99	20.62	29.23	31.77	30.61	27.63	29.91	29.12
" 14.....	24.63	27.69	26.72	20.96	23.07	22.01	20.59	21.61	21.07	27.11	29.01	28.37	21.14	23.60	22.56	29.41	33.00	30.84	29.70	33.07	31.44
" 21.....	25.14	27.20	25.82	20.67	21.80	21.10	20.34	21.78	21.00	26.58	28.74	27.33	20.08	22.31	21.16	28.57	31.58	30.24	28.63	31.98	30.62
" 28.....	23.06	26.64	25.27	19.92	22.37	21.17	20.48	21.95	21.32	25.48	29.83	27.73	21.94	23.02	22.30	29.14	32.19	30.84	28.62	32.40	31.28
Sept. 4.....	23.86	24.90	24.48	20.41	21.36	20.68	20.91	23.11	22.04	26.53	29.64	27.84	20.56	22.14	21.43	30.12	33.63	31.22	31.46	32.21	31.93
" 11.....	25.17	27.00	26.01	20.33	22.67	20.98	21.77	23.77	22.56	25.36	27.10	26.67	21.25	23.11	22.43	29.16	32.70	30.38	30.41	32.86	31.96
" 18.....	22.82	26.22	24.88	18.97	21.88	20.60	21.96	22.94	22.52	25.83	31.20	28.81	22.24	23.68	22.83	28.74	31.58	30.48	31.22	32.76	32.25
" 25.....	25.29	26.19	25.87	20.93	22.08	21.67	21.92	23.04	22.48	29.80	30.89	30.33	22.22	23.43	22.86	30.32	31.46	30.85	31.61	32.42	32.09
Distance from Gas-works.....	1.86 Miles			1.68 Miles			3.88 Miles			3.84 Miles			1.5 Miles			1.81 Miles			2.79 Miles		
Testing burner.....	Bray's Slit Union No. 7....			Empire, 5 feet.....			Bray's Slit Union No. 6....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7....			Bray's Slit Union No. 7....		



## Document "K."

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 4, 1886.

General JOHN NEWTON, *Commissioner of Public Works* :

SIR—In compliance with your instructions, I have the honor to submit the following report of the transactions of this Bureau for the three months ending September 30, 1886.

Among the principal items of work were the following :

## THE NEW COURT-HOUSE.

County Clerk's Office—The walls, ceilings and wood-work in the main office and ante-room, the searchers' old room, the lis pendens room, and the entrance lobby have been washed off, plastering repaired, ceilings painted and calcimined, walls and trim painted, hard-wood work cleaned and varnished, and ornamental paper borders put up. The panels in the doors of the lis pendens room have been taken out and hinged sash put in. The window sashes in all the rooms have been rehung, the shelving and document cases altered and repaired, the safes and office furniture removed from the old to the new searchers' room, some iron wire railing put up, and a new door with iron wire transom put in. A standing double desk, rotary high chairs, office chairs and tables and document boxes have been furnished.

The Superior Court—In the Special Term room the walls and ceiling have been washed off, the plastering repaired, ceiling painted and calcimined, cornice tinted, walls and trim painted, hard-wood cleaned and varnished, and the carpet cleaned and relaid.

In the Clerk's office the floor was given an oil finish and new desk-signs put up.

Surrogate's Court—A new carpet has been laid on the Judge's bench, and a closet put up in the private room.

The Boiler Room—A new steam-box and piston-rod were put in one of the steam-feed pumps, the valves packed, new springs put in, and the pump put in complete order. Fifty feet of spiral steam hose, with pipe and couplings, and three galvanized iron hoisting buckets, were furnished.

The Roof—New caps were placed on three of the ventilating pipes, and repairs made to the roof and gutters, and copper tubes put in to connect with the water-leaders.

## THE CITY HALL.

Room No. 13 has been fitted up as a Committee room for the Board of Aldermen; the walls and ceiling washed off, the plastering repaired, the ceiling painted and calcimined, walls and wood-work painted, the grained work touched-up and varnished, and a new sign-board hung at the entrance; new carpet and linoleum have been laid and the desks repaired and varnished.

The Civil Service Commission—A case of drawers and pigeon-holes was put up in the private office.

## THE BROWN-STONE BUILDING.

General Sessions Court—Two stands (double-faced), 8 feet long, 10 feet high and 30 inches wide, containing about 400 feet of shelving, have been put up in the Document room.

In Part II. a new carpet has been laid inside the railing and linoleum on the outside, and new chairs have been furnished for Parts I. and II.

The District Attorney's Office—Electric connections have been made from the District Attorney's office to eight other offices in the building, and annunciators put up in each.

The contract entered into with the Stafford Ventilating Company for the introduction of their system of ventilation has been completed, and the system is now in operation in the building.

The steam-pipes in the Engine room have been covered with hair-felt and canvas, and the hot-air furnaces repaired.

## THE HALL OF RECORDS.

The gratings over the areas on the west side of the building have been covered with galvanized-iron wire cloth, and the hot-air furnaces and pipes repaired.

## NO. 31 CHAMBERS STREET.

The steam-pump in the boiler-room was repaired, a new piston-rod and plunger, valves and springs put in, and the pump put in complete order.

An iron wire door, with spring-lock, was put in the vault used by the Engineer's Bureau, and a ventilator placed in the ceiling.

The partition in Room No. 12 has been painted, the new work touched up, and the desks varnished.

The skylight shades in the Water Register's office have been repaired and one new one put up. A new black walnut desk has been furnished for the Commissioner's room.

## STAATS ZEITUNG BUILDING.

Corporation Counsel's Office—One black walnut desk has been furnished.

## THE COURTS (POLICE AND CIVIL.)

First District Police—Repairs were made to the plastering of the ceiling in this Court.

Temporary repairs were made to the Bridge connecting the Court of Special Sessions with the Prison. The Bridge should be thoroughly repaired, but the condition of the appropriation for this year will not permit it to be done.

The Fifth District Civil Court—The cellar has been made broom clean and all the rubbish removed.

## THE COUNTY JAIL.

Repairs have been made to the hanging bars, locks and staples, on the cell doors. Some new cast-iron staple blocks put in and new steel keys furnished for keepers. The furnace-walls of the boiler have been rebuilt, a new set of grate-bars put in, and some fire tools furnished. Repairs have been made to the window-frames and sash, the inside blinds repaired, new sash put in cells Nos. 66 and 78, cords, pulleys and fixtures put up to raise and lower the upper sash on the main floor, and the flooring in the Warden's room and office repaired. The force-pump on the main floor was taken out and repaired, and extensive repairs made to the plumbing in general.

## THE MARKETS.

Washington Market—The alterations and extensions on the Washington street side of the market have been completed. Twenty-four stationary sky-lights have been altered so as to slide on tracks and be opened and closed with cords and pulleys. A stationary ladder and platform have been put up to give easy access to the roof, and a reel and 100 feet of fire hose furnished.

Centre Market—Repairs were made to the doors, and a pair of new sash doors put up on the Grand street entrance. The stairway on Centre street side has been repaired, the steps replanked with yellow pine, and a new slide built for use of the upper floor.

Fulton Market—Was furnished with a reel and 100 feet of fire hose, and Clinton Market with a reel and 50 feet of hose.

## THE ARMORIES.

The Seventh Regiment Armory—All the outside sashes and frames, the iron railings and guards, iron gates, cornices, dormer windows, sky-lights and wooden sashes on the roof, galvanized iron work, iron window shutters, gratings and roof cresting, have been painted. The flag-poles have been painted and two sets of halyards put on each of them. All the tin roofs have been repaired and painted with metallic paint.

The Sixty-ninth Regiment Armory—One steam-boiler has been repaired, some new tubes put in, the seams recalked and the masonry of the flues and furnace repaired. The gas fixtures in some of the company rooms have been repaired, and new shades and burners put on where needed.

## THE FREE FLOATING BATHS.

A landing platform and railing were built for use of the Twenty-seventh street bath, and the gangway hinged and new rollers put on the same. Repairs were also made to the gangways, stairs and hand-rails of the several baths, and the planking and gas pipes of the bath at Thirty-seventh street and East river were repaired. The galvanized-iron pumps on the various baths were repaired from time to time as needed. New signs were furnished for the baths, and white linen caps suitably lettered were furnished to the bath-keepers.

## Report of Males and Females Bathing in the Free Floating Baths from June 18 to October 4, 1886.

LOCATION OF BATHS.	MALES.	FEMALES.	TOTAL.
Gouverneur street, East river.....	270,405	127,648	398,053
Fifth street, East river.....	300,213	103,161	403,374
Nineteenth street, East river.....	250,410	124,931	375,341
Thirty-seventh street, East river.....	205,250	101,078	306,328
One Hundred and Twelfth street, Harlem river.....	118,487	40,118	158,605
Port Morris, East river.....	22,932	8,489	31,421
Battery, North river.....	263,375	110,741	374,116
Duane street, North river.....	43,210	22,825	66,035
Horatio street, North river.....	215,615	34,483	250,098
Twenty-seventh street, North river.....	127,767	43,786	171,553
Fifty-first street, North river.....	124,843	55,237	181,080
Total.....	1,942,007	773,497	2,715,504

## THE PIPE-YARD AT TWENTY-FOURTH STREET AND THE EAST RIVER.

The new office and sheds built under contract have been completed, gas-pipes and fixtures put up, and new window shades hung in the office.

In addition to the foregoing, law books were furnished for the use of the Superior Court, the Court of General Sessions, the Special Sessions and Police Courts.

The furniture in the various offices and Courts kept in repair, and supplies furnished as far as the appropriation would allow.

Very respectfully,

THOMAS H. McAVOY, Superintendent.

## Document "L."

DEPARTMENT OF PUBLIC WORKS—BUREAU OF INCUMBRANCES,  
NO. 31 CHAMBERS STREET,  
NEW YORK, October 1, 1886.

Hon. JOHN NEWTON, *Commissioner of Public Works* :

SIR—Herewith I submit a report of the business of this Bureau for the quarter ending September 30, 1886 (months of July, August and September).

Number of complaints received and notices issued for the removal of obstructions and incumbrances on the streets, avenues, and sidewalks.....	138
Number of removals of merchandise, wagons, carts, trucks, stands, show-cases, etc., to the Corporation Yard foot of Gansevoort street, North river.....	370

Expense of such removals, including 37 loads of stone, dirt, etc., and 95 dead and dangerous trees from the various parts of the city.....	\$1,180 54
--	------------

Total expenses for the quarter.....	\$1,699 80
-------------------------------------	------------

Received from owners for the redemption of seized goods, articles, etc.....	\$510 72
Received from public sale held August 4, 1886, at the Corporation Yard, foot of Gansevoort street, North river.....	170 83

Total.....	\$681 55
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All of which was duly paid over to the City Chamberlain.

Number of permits issued to builders.....	1,836
“ “ cut down trees.....	11
“ special permits issued.....	154

Very respectfully,

GEORGE A. McDERMOTT, Superintendent of Incumbrances.

## Document "M."

BUREAU OF WATER REGISTER, NO. 31 CHAMBERS STREET,  
NEW YORK, September 30, 1886.

Hon. JOHN NEWTON, *Commissioner of Public Works* :

SIR—I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending September 30, 1886 :

	Taps.	Penalties.	Principal.
July.....	\$1,561 00	\$432 30	\$726,628 35
August.....	1,269 50	1,485 75	226,671 31
September.....	1,646 00	908 00	74,549 41
Total.....	\$4,476 50	\$2,826 05	\$1,027,849 07

Total.....\$1,035,151 62

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

July.....	\$850 90
August.....	2,144 52
September.....	2,279 33

Total.....	\$5,274 75
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Deposit to the credit of "Special Meter Stock No. 1"—

August.....	\$68 84
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Special Fund—"Repairing Streets"—

July.....	\$1,086 00
August.....	1,030 00
September.....	995 00

Total.....	\$3,111 00
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Respectfully submitted,

J. H. CHAMBERS, Water Register.



## POLICE DEPARTMENT.

## Report for the Quarter ending September 30, 1886.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
No. 300 MULBERRY STREET,  
October 16, 1886.

Hon. WILLIAM R. GRACE, Mayor City of New York:

SIR—Pursuant to section 40, chapter 410, Laws of 1882, the Board of Police of the Police Department of the City of New York hereby respectfully submits the following report of the operations and transactions of the Police Department and force for the three months ending September 30, 1886:

## REPORT.

On the 30th day of September, 1886, the number of members of the force, of all grades, including Surgeons and Probationary Employees, was 3,205.

## SICK TIME.

The time lost by members of the force by reason of sickness, disability, and injuries, for the quarter, and the details thereof, are shown in schedule annexed, marked "A," from which it will be seen that the time lost was 5,694 days. Sick time paid 2,847 " " unpaid 2,847 "

Amount paid for sick time lost was \$9,339 56 " the preceding quarter 11,680 74

Decrease \$2,341 18

Total days' time of the force 277,658  
The per cent. of sick to full time was 2.05  
For the preceding quarter the per cent. was 2.65

## APPLICATIONS FOR APPOINTMENT.

The number of persons applying for appointment as Patrolmen, and who were examined by the Surgeons with respect to their health and physical condition, was:

	Passed.	Rejected.	Total.
July	116	67	183
August	64	23	87
September	78	56	134
Totals	258	146	404

Those passed have been referred in regular order to the Civil Service Examining Board.

During the preceding quarter there were 386 examined; of which number 279 were passed and 107 rejected.

## ARRESTS.

The number of persons arrested for offenses by the Police during the quarter was—

Males	14,661
Females	5,281
Total	19,942

The number arrested during the preceding quarter was 18,284, showing an increase of 1,658.

Number arrested for the principal felonies was	1,158
" discharged without trial	333
" acquitted	88
" convicted	231
" sent to other authorities	17
" died	3
" cases pending	486
Total	1,158

More complete details relative to arrests for felonies and other offenses appear in schedule annexed, marked "B."

## LODGERS (see Schedule "B").

The number of lodgings furnished to indigent persons in the Police station-houses during the quarter was—

Males	5,140
Females	12,771
Total	17,911

## LOST CHILDREN (see Schedule "B").

The number of lost children recovered by the Police during the quarter was—

Males	641
Females	402
Total	1,043
Restored to parents or guardians	993
Sent to Department of Charities and Correction	42
" other institutions or authorities	8
Total	1,043

Schedule "B" exhibits a valuable collection of miscellaneous statistics, to which attention is respectfully called.

NOTE.—The discrepancy existing between the arrests for particular offenses on felony report and on general report (in Schedule "B") is accounted for by the fact that the general report is made up from the daily returns from the station-houses and the felony report from quarterly returns. An offense charged in the station-house, at the time the arrest is made, is liable to be and frequently is changed to a greater or less offense on evidence elicited before the magistrate.

## HOUSE OF DETENTION FOR WITNESSES.

The number of persons committed to and detained in the House of Detention for Witnesses during the quarter was—

In detention July 1	12
Committed in July	15
" August	17
" September	30
Total	74
Discharged in July	14
" August	9
" September	31
Total	54
Remaining in detention September 30	20

The aggregate number of days' detention of witnesses was	1,413 3/4
The number of meals furnished was	4,240
At a cost of 25 cents each	\$1,060 00

For the names of persons imprisoned and other details, see schedule annexed, marked "C."

## SANITARY COMPANY.

The transactions of the Sanitary Company for the quarter, setting forth the number of steam-boilers examined and their condition, and the number of applicants for examination as Engineers, will be found in schedule annexed, marked "D."

## PROPERTY CLERK'S OFFICE.

The value of lost and stolen property recovered and restored to owners, and other transactions of the Property Clerk's office, will be found in schedule annexed, marked "E."

## FINANCIAL.

The Treasurer has made payments during the quarter to the amounts following:

For account of Police Department proper	\$984,597 65
" Bureau of Elections	1,249 98
Total	\$985,847 63

For details, see schedule annexed, marked "F."

## DISCIPLINE OF THE FORCE.

The number of charges preferred against members of the force and filed in the office of the Chief Clerk during the quarter was—

July	215
August	182
September	227
Total	624

Charges on file and undisposed of July 1 165

The disposition of the cases was as follows:

Dismissals	5
Fines	382
Reprimands	100
Complaints dismissed and withdrawn	37
No disposition	265
Total	789

By comparison with the report for the quarter ending June 30, 1886, it will be seen that there have been 2 more dismissals, 263 more fines, 16 more reprimands, 500 less complaints dismissed and 14 more complaints made.

## DEATHS DURING THE QUARTER.

Patrolman Theodore M. Doty, Twentieth Precinct, July 26, 1886.  
" Thomas J. Coyle, Fourth Precinct, August 17, 1886.  
" Richard Lahert, Eleventh Precinct, August 21, 1886.  
" Francis Caddell, Central Office, August 25, 1886.  
" John J. Corbitt, Twenty-seventh Precinct, August 30, 1886.  
Sergeant Michael Collins, Eleventh Precinct, September 6, 1886.  
Doorman Bradley Hall, Seventh Precinct, September 23, 1886.  
Sergeant Thomas N. James, Eleventh Precinct, September 25, 1886.  
Patrolman John Malloy, Tenth Precinct, September 27, 1886.

Respectfully submitted,

WM. H. KIPP, Chief Clerk.

S. B. FRENCH, President.

## Schedule "A."

Statement of Time Lost, by reason of Sickness, Disability, and Injuries Received in the Police Force, for the Quarter ending September 30, 1886.

PRECINCTS AND SQUADS.	Number of the Force.	Number of Days Full Time.	Number of Days Sick Time.	Number of Days Sick Time Paid.	Number of Days Sick Time Unpaid.	Proportion of Sick to Full Time.	Proportion of Sick Time Paid.	Proportion of Sick Time Unpaid.	Total Amounts Paid for Sick Time.
First	105	9,350	170	85	85	1.81	0.90	0.90	\$279 43
Second	50	4,507	60	30	30	1.33	0.67	0.67	98 62
Third	118	10,825	100	95	95	1.75	0.87	0.87	312 31
Fourth	100	9,603	89 1/2	44 3/4	44 3/4	0.93	0.47	0.47	150 40
Fifth	104	9,351	341	170 1/2	170 1/2	3.04	1.82	1.82	560 48
Sixth	88	8,004	281	140 1/2	140 1/2	3.51	1.76	1.76	461 88
Seventh	73	6,747	107	53 1/2	53 1/2	1.58	0.79	0.79	175 88
Eighth	83	7,822	212 1/2	106 1/4	106 1/4	2.71	1.36	1.36	376 39
Ninth	93	8,246	277 1/2	138 3/4	138 3/4	3.36	1.68	1.68	456 07
Tenth	76	6,992	144	72	72	2.05	1.03	1.03	236 71
Eleventh	60	5,427	133 1/2	66 3/4	66 3/4	2.46	1.23	1.23	219 45
Twelfth	104	8,669	125	62 1/2	62 1/2	1.44	0.72	0.72	205 47
Thirteenth	62	5,456	331	165 1/2	165 1/2	6.06	3.03	3.03	544 04
Fourteenth	71	6,222	76	38	38	1.22	0.61	0.61	124 93
Fifteenth	86	7,912	162 1/2	81 1/4	81 1/4	2.05	1.03	1.03	267 14
Sixteenth	82	7,358	117 1/2	58 3/4	58 3/4	1.60	0.80	0.80	193 14
Seventeenth	81	7,235	125 1/2	62 3/4	62 3/4	1.73	0.86	0.86	206 27
Eighteenth	103	9,507	332	166	166	3.49	1.74	1.74	545 69
Nineteenth	80	7,112	70	35	35	0.98	0.49	0.49	115 06
Twentieth	85	7,510	98	49	49	1.30	0.65	0.65	161 10
Twenty-first	77	6,805	118	59	59	1.73	0.87	0.87	203 96
Twenty-second	109	9,532	270 1/2	135 1/4	135 1/4	2.83	1.42	1.42	444 58
Twenty-third	100	8,487	118 1/2	59 1/4	59 1/4	1.40	0.70	0.70	194 75
Twenty-fourth	28	2,576	66	33	33	2.56	1.28	1.28	108 49
Twenty-fifth	47	4,386	133 1/2	66 3/4	66 3/4	3.04	1.52	1.52	219 43
Twenty-sixth	63	5,795	20	10	10	0.34	0.17	0.17	32 88
Twenty-seventh	93	8,463	310 1/2	155 1/4	155 1/4	3.67	1.84	1.84	510 35
Twenty-eighth	83	7,388	184 1/2	92 1/4	92 1/4	2.50	1.25	1.25	303 28
Twenty-ninth	122	11,111	119	59 1/2	59 1/2	1.07	0.53	0.53	195 60
Thirtieth	70	6,296	50	25	25	0.80	0.40	0.40	82 19
Thirty-first	86	7,044	130	65	65	1.84	0.92	0.92	213 69
Thirty-second	101	9,044	226 1/2	113 1/4	113 1/4	2.50	1.25	1.25	372 28
Thirty-third	64	5,423	140	70	70	2.58	1.29	1.29	230 13
Thirty-fourth	51	4,413	130 1/2	65 1/4	65 1/4	2.96	1.48	1.48	214 51
Thirty-fifth	55	4,750	115 1/2	57 3/4	57 3/4	2.43	1.22	1.22	180 85
Sanitary Company	52	4,722	54	27	27	1.14	0.57	0.57	88 76
Court Squads	62	5,177	10	5	5	0.19	0.10	0.10	16 43
Detective Squad	55	5,122	....	....	....	....	....	....	....
House of Detention	4	368	....	....	....	....	....	....	....
Central Office Squad	40	3,742	18 1/2	9 1/4	9 1/4	0.50	0.25	0.25	30 41
Nineteenth Sub	35	3,158	35	17 1/2	17 1/2	1.10	0.55	0.55	57 53
Totals	3,011	277,658	5,694	2,847	2,847	2.05	1.03	1.03	\$9,339 56



## Schedule "B."

TABLE OF ARRESTS AND MISCELLANEOUS STATISTICS  
FOR THE QUARTER ENDING SEPTEMBER 30, 1886.

Table Showing the Number of Persons Arrested during the Quarter.

PRECINCTS AND SQUADS.	MALE.	FEMALE.	TOTAL.
First .....	241	18	259
Second .....	46	2	48
Third .....	227	6	233
Fourth .....	639	271	910
Fifth .....	190	25	215
Sixth .....	1,253	697	1,950
Seventh .....	468	141	609
Eighth .....	528	209	737
Ninth .....	341	73	414
Tenth .....	1,121	925	2,046
Eleventh .....	346	40	386
Twelfth .....	468	55	523
Thirteenth .....	289	50	339
Fourteenth .....	512	309	821
Fifteenth .....	389	380	769
Sixteenth .....	354	103	457
Seventeenth .....	443	208	651
Eighteenth .....	455	140	595
Nineteenth .....	338	69	407
Twentieth .....	525	233	758
Twenty-first .....	439	110	555
Twenty-second .....	454	93	547
Twenty-third .....	354	63	417
Twenty-fourth .....	107	...	107
Twenty-fifth .....	99	8	107
Twenty-sixth .....	54	2	56
Twenty-seventh .....	404	76	480
Twenty-eighth .....	458	76	534
Twenty-ninth .....	630	280	910
Thirtieth .....	137	13	150
Thirty-first .....	145	19	164
Thirty-second .....	201	7	208
Thirty-third .....	149	17	166
Thirty-fourth .....	45	5	50
Thirty-fifth .....	35	1	36
Nineteenth Sub .....	79	7	86
Detective Bureau .....	157	18	175
Sanitary Squad .....	30	8	38
Central Office Squad .....	61	4	65
Court Squads .....	1,450	514	1,964
Totals .....	14,661	5,281	19,942

Table Showing the Offenses Charged against Persons Arrested.

OFFENSE.	MALE.	FEMALE.	TOTAL.
Assault and Battery .....	1,503	195	1,698
Assault, with Intent to Steal .....	4	1	5
Assault, Felonious .....	203	10	213
Arson .....	...	1	1
Abandonment .....	106	4	110
Abduction .....	11	2	13
Assault, Indecent .....	20	...	20
Attempt at Suicide .....	27	13	40
Attempt at Rape .....	5	...	5
Attempt at Robbery .....	3	...	3
Attempt at Burglary .....	1	...	1
Assaulting an Officer .....	14	2	16
Burglary .....	131	1	132
Basardry .....	44	...	44
Bigamy .....	2	...	2
Begging .....	2	1	3
Conspiracy .....	5	...	5
Contempt of Court .....	3	3	6
Cruelty to Animals .....	28	1	29
Cruelty to Children .....	18	12	30
Counterfeiting .....	2	...	2
Carrying Burglars' Tools .....	3	...	3
Criminal Carelessness .....	5	...	5
Crime against Nature .....	4	...	4
Coercion .....	1	...	1
Disorderly Conduct .....	2,768	2,001	4,769
Disorderly Persons .....	270	128	398
Disposing of Mortgaged Property .....	1	2	3
Escaped Prisoner .....	5	...	5
Embezzlement .....	5	...	5
Exposure of Person .....	19	...	19
Extortion .....	5	2	7
False Pretense .....	6	...	6
Fraud .....	1	...	1
Forgery .....	20	...	20
Fighting .....	15	...	15
Gambling .....	36	...	36
Homicide .....	18	2	20
Intoxication .....	2,753	1,347	4,100
Intoxication and Disorderly Conduct .....	1,512	693	2,205
Insane .....	97	46	143
Interfering with Officer .....	26	3	29
Incest .....	2	1	3
Juvenile Delinquent .....	6	3	9
Keeping Disorderly House .....	14	40	54
Keeping Gambling House .....	11	1	12
Keeping Opium Den .....	2	...	2
Libel .....	3	...	3
Larceny, Grand .....	383	70	453
Larceny, Petit .....	654	144	798
Larceny, Person .....	41	9	50
Manslaughter .....	...	1	1
Malicious Mischief .....	62	7	69
Mayhem .....	...	1	1
Misdemeanor .....	8	2	10
Mutiny .....	5	...	5
Obstructing Railroad Track .....	22	...	22
Perjury .....	7	...	7
Personating Officer .....	4	...	4
Passing Counterfeit Money .....	14	1	15
Robbery .....	68	8	76
Reckless Driving .....	173	...	173
Receiving Stolen Goods .....	16	...	16
Rape .....	13	...	13
Rescuing Prisoner .....	...	1	1
Surrendered Bail .....	18	3	21
Suspicious Person .....	493	49	542
Swindling .....	1	...	1

OFFENSE.	MALE.	FEMALE.	TOTAL.
Seduction .....	5	...	5
Soliciting .....	...	1	1
Sodomy .....	2	...	2
Selling Liquor to Minor .....	2	...	2
Tuancy .....	61	23	84
Tresspass .....	1	...	1
Threatening Life .....	2	...	2
Vagrancy .....	502	373	875
Violation Corporation Ordinance .....	1,106	17	1,123
Violation Health Law .....	65	20	85
Violation Excise Law .....	1,033	35	1,068
Violation Lottery Law .....	8	...	8
Violation Penal Code .....	73	1	74
Violation Amusement Law .....	10	...	10
Violation of Opium Law .....	8	...	8
Violation Sunday Law .....	19	...	19
Violation Hotel Law .....	2	...	2
Violation Parade Law .....	1	...	1
Violation section 5, Consolidated Act .....	5	...	5
Violation Pool Law .....	25	...	25
Violation Telegraph Law .....	3	...	3
Violation chapter 534, Laws of 1884 .....	5	...	5
Violation section 645, Laws of 1886 .....	1	...	1
Totals .....	14,661	5,281	19,942

Table Showing the Places of Nativity of Persons Arrested.

NATION OR COUNTRY.	MALE.	FEMALE.	TOTAL.
United States .....	6,986	2,150	9,136
United States—Black .....	278	211	489
Ireland .....	3,287	2,172	5,459
Germany .....	1,933	311	2,244
England .....	401	232	633
Scotland .....	120	51	171
British Provinces .....	80	40	120
France .....	94	27	121
Italy .....	612	37	649
Spain and Cuba .....	31	2	33
Norway and Sweden .....	83	8	91
Russia .....	168	10	178
Poland .....	347	18	365
Turkey and Greece .....	19	1	20
Austria .....	66	...	66
China .....	48	...	48
Denmark .....	23	3	26
Holland .....	6	...	6
Switzerland .....	19	3	22
Belgium .....	4	1	5
Bohemia .....	9	...	9
Hungary .....	22	2	24
Arabia .....	4	...	4
South America .....	8	1	9
Asia .....	7	...	7
All other countries .....	6	1	7
Totals .....	14,661	5,281	19,942

Table Showing Classified Ages of Persons Arrested.

	MALE.	FEMALE.	TOTAL.
Under twenty years .....	2,649	343	2,992
Twenty to thirty years .....	5,068	1,698	6,766
Thirty to forty years .....	3,442	1,416	4,858
Forty to fifty years .....	2,189	1,116	3,305
Over fifty years .....	1,313	708	2,021
Totals .....	14,661	5,281	19,942

Social Condition of Persons Arrested.

	MALE.	FEMALE.	TOTAL.
Married .....	4,877	1,790	6,667
Single .....	9,784	3,491	13,275
Totals .....	14,661	5,281	19,942

Degree of Education of Persons Arrested.

	MALE.	FEMALE.	TOTAL.
Able to read and write .....	14,011	5,019	19,030
No education .....	650	262	912
Totals .....	14,661	5,281	19,942

Table Showing the Occupations of Persons Arrested.

Actors . . . . .	20	Boiler-makers . . . . .	28
Agents . . . . .	109	Box-makers . . . . .	40
Artists . . . . .	12	Builders . . . . .	15
Auctioneer . . . . .	1	Brewers . . . . .	7
Architects . . . . .	3	Brush makers . . . . .	4
Author . . . . .	1	Brakemen . . . . .	9
Actresses . . . . .	3	Boatmen . . . . .	37
Astrologist . . . . .	1	Bricklayers . . . . .	85
Blacksmiths . . . . .	81	Boarding-house keepers . . . . .	12
Bakers . . . . .	130	Bookfolders . . . . .	2
Butchers . . . . .	140	Button-makers . . . . .	3
Barbers . . . . .	90	Bottlers . . . . .	3
Brokers and Bankers . . . . .	29	Block and Pump Maker . . . . .	1
Bartenders . . . . .	627	Brass-finishers . . . . .	41
Bootblacks . . . . .	46	Bookbinders . . . . .	28
Bill-posters . . . . .	14	Bookkeepers . . . . .	30



Clerks.....	558	Messengers.....	34
Carpenters.....	230	Musicians.....	23
Cartmen.....	22	Milkmen.....	9
Coachmen.....	24	Masons.....	86
Coopers.....	44	Moulders.....	83
Cooks.....	125	Manufacturers.....	5
Cabinet-makers.....	23	Miners.....	14
Cigar-makers.....	173	Milliners.....	4
Confectioners.....	12	Mineral-water dealers.....	6
Cutters.....	20	Managers.....	10
Carvers.....	12	Millers.....	5
Caulkers.....	3	Marshals.....	2
Contractors.....	18	Minstrels.....	2
Cap-makers.....	4	Missionary.....	1
Clergymen.....	3	Newsdealers.....	63
Commissioner.....	1	Nurses.....	9
Conductors.....	24	Oystermen.....	43
Collectors.....	17	Operators.....	20
Clothiers.....	16	Organ grinders.....	9
Canvassers.....	9	Opticians.....	3
Cashiers.....	7	Prostitutes.....	456
Coppersmiths.....	4	Painters.....	222
Cutlers.....	9	Peddlers.....	681
Chandlers.....	2	Printers.....	308
Carpet-makers and layers.....	10	Plasterers.....	60
Caterers.....	5	Porters.....	84
Cotton-dealers.....	2	Plumbers.....	124
Drivers.....	907	Police.....	6
Druggists.....	12	Photographers.....	7
Dyers.....	9	Physicians.....	16
Dentists.....	5	Piano-makers.....	18
Drovers.....	3	Polishers.....	28
Dress-makers.....	60	Paper-hangers.....	6
Dry goods dealers.....	28	Platers.....	8
Dancers.....	3	Produce-dealers.....	5
Dog catchers.....	3	Pavers.....	2
Diver.....	1	Paper-makers.....	3
Engineers.....	69	Pocketbook-makers.....	6
Expressmen.....	31	Packers.....	4
Engravers.....	15	Pilots.....	5
Editors and reporters.....	19	Pencil-makers.....	2
Errand boys.....	59	Private Detective.....	1
Electricians.....	6	Roofers.....	25
Farmers.....	21	Riggers.....	2
Florists.....	11	Rag-pickers.....	44
Furriers.....	16	Runner.....	1
Firemen.....	28	Restaurant-keepers.....	14
Frame-makers.....	12	Ropemaker.....	1
Flower-makers.....	2	Refiner.....	1
Framers.....	15	Servants.....	220
Furniture-dealers.....	4	Sailors.....	149
Fruit-dealers.....	17	Shoemakers.....	154
Foremen.....	10	Seamstresses.....	54
Feed dealer.....	1	Saloon-keepers.....	355
Forewoman.....	1	Stone-cutters.....	63
Grocers.....	65	School children.....	64
Gas and steam fitters.....	34	Storekeepers.....	11
Gold and silver smiths.....	4	Salesmen.....	52
Gardeners.....	12	Sailmakers.....	9
Glass-workers.....	11	Soldiers.....	8
Gilders.....	4	Speculators.....	17
Glaziers.....	7	Stewards.....	5
Gatemen.....	3	Students.....	4
Housekeepers.....	358	Stationers.....	12
Hatters.....	37	Sawyers.....	8
Hostlers.....	39	Signalmen.....	2
Horseshoers.....	22	Stenographer.....	1
Hotel-keepers.....	21	Singers.....	3
Hackmen.....	25	Salesmen.....	2
Horse dealers.....	7	Superintendent.....	1
Harness-makers.....	28	Surveyors.....	2
Houseworkers.....	950	Tailors.....	178
House-mover.....	1	Tinsmiths.....	61
Icemen.....	22	Tobacconists.....	31
Inspectors.....	3	Turners.....	4
Iron-workers.....	26	Teachers.....	6
Interpreter.....	1	Telegraphers.....	22
Inventor.....	1	Tanners.....	4
Junkmen.....	34	Trimmer.....	1
Jewelers.....	39	Treasurer.....	1
Janitors.....	22	Upholsterers.....	27
Japanners.....	4	Umbrella-makers.....	10
Keeper.....	1	Undertakers.....	4
Liquor-dealers.....	216	Venders.....	243
Laundresses.....	54	Varnishers.....	33
Lawyers.....	20	Veterinary surgeon.....	1
Lock and gun smiths.....	10	Waiters.....	238
Lithographers.....	9	Waitresses.....	19
Laborers.....	3,474	Weavers.....	17
Laundrymen.....	40	Weigher.....	6
Lathers.....	15	Watchmen.....	42
Linemen.....	21	Wheelwrights.....	5
Lamp-lighters.....	3	All other occupations.....	9
Letter-carrier.....	1	No occupation.....	5,036
Merchants.....	26		
Machinists.....	110	Total.....	19,942

Table Showing the Number of Lodgings furnished to Indigent Persons.

PRECINCT.	MALE.	FEMALE.	TOTAL.
Fourth.....	23	2,362	2,385
Fifth.....	155	302	457
Sixth.....	475	1,016	1,491
Seventh.....	8	2	10
Ninth.....	505	1,471	1,976
Tenth.....	305	1,056	1,361
Eleventh.....	209	73	282
Twelfth.....	1,099	1,082	2,181
Fourteenth.....	613	574	1,187
Fifteenth.....	6	518	524
Seventeenth.....	439	1,142	1,581
Eighteenth.....	238	238	476
Nineteenth.....	234	347	581
Twentieth.....	324	717	1,041
Twenty-first.....	459	546	1,005
Twenty-second.....	117	14	131
Twenty-third.....	107	541	648
Twenty-fourth.....	2	759	761
Twenty-fifth.....	3	2	5
Thirtieth.....	16	1	17
Thirty-first.....	3	3	6
Thirty-second.....	41	5	46
Totals.....	5,140	12,771	17,911

## MISCELLANEOUS STATISTICS.

Persons Aided by Police—	
Sick and destitute.....	613
Suffering from insanity.....	129
Injured in affrays.....	507
Taken with fits in street.....	144
Run over.....	140
Injured by falling.....	537
Suffering from cuts and bruises.....	283
Suffering from scalds and burns.....	57
Suffering from gunshot wounds.....	37
Rescued from drowning.....	83
Overcome by heat.....	35
Suffering from alcoholism.....	79
Thrown from vehicle.....	61
Attempted suicide.....	42
Taken sick in street.....	194
Taken with labor-pains in street.....	14
Suffocated by gas.....	3
Kicked by horses.....	5
Bitten by dogs.....	2
Stabbed.....	66
Total.....	3,031
Conveyed to hospital.....	2,034
Conveyed to home.....	997
Total.....	3,031
Buildings Secured by Police—	
Stores.....	365
Dwellings.....	47
Basements.....	34
Cellars.....	55
Saloons.....	19
Offices.....	21
Shops.....	22
Factories.....	10
Total.....	573
Suicides—	
By poison.....	6
By hanging.....	10
By shooting.....	18
By drowning.....	6
By knife.....	2
By gas.....	1
Total.....	43
Fires, number reported.....	414
Animals found astray, number reported.....	197
Sudden deaths, number reported.....	174
Foundlings, number reported.....	38
Found drowned, number reported.....	68
Croton water found running and turned off, number of times.....	83
Runaway teams, number reported.....	17
Foetuses found, number reported.....	10
Dead infants found, number reported.....	25
Mad dogs shot, number reported.....	32
Still-born children, number reported.....	7
Vessels collided, number reported.....	7
Violation Corporation Ordinances, number reported.....	19,916
Human bones found, number of times.....	1
Persons instantly killed, number reported.....	34
Dead bodies found, number reported.....	27
Persons drowned, number reported.....	30
Boats sunk, number reported.....	4
Lost Children.	
Number of males.....	641
Number of females.....	402
Total.....	1,043
Restored to parents or guardians at station-houses.....	491
Brought to Central Office.....	552
Total.....	1,043
Disposition of those brought to Central Office—	
Restored to parents or guardians.....	502
Sent to Commissioners of Charities and Correction.....	42
Sent to Dominican Sisters.....	1
Sent to Reception Hospital.....	1
Sent to Society for Prevention of Cruelty to Children.....	2
Sent to St. Joseph's Home.....	1
Sent to St. Joseph's Asylum.....	1
Sent to Catholic Protectors.....	1
Sent to Commissioners of Emigration.....	1
Total.....	552

## Felony Report for Quarter ending September 30, 1886.

	NUMBER ARRESTS.			DISPOSITION OF CASES.					
	Males.	Females.	Total.	Discharged without Trial.	Acquitted.	Convicted.	Sent to other Authorities.	Died.	Pending.
Assaulting an Officer.....	6	..	6	2	..	3	..	..	1
Arson.....	1	..	1	..	..	..	..	..	1
Abduction.....	12	2	14	5	..	..	..	..	9
Attempted Suicide.....	21	12	33	14	1	3	..	3	12
Attempt at Rape.....	1	..	1	..	..	..	..	..	1
Attempt at Robbery.....	1	..	1	1	..	..	..	..	..
Burglary.....	149	1	150	22	13	55	2	..	58
Bigamy.....	2	..	2	..	..	1	..	..	1
Bringing Stolen Goods into State.....	3	..	3	..	..	2	1	..	..
Carrying Burglar's Tools.....	4	..	4	1	..	3	..	..	..
Crime against Nature.....	5	..	5	2	..	..	..	..	3
Embezzlement.....	4	..	4	1	..	3	..	..	..
Extortion.....	4	..	4	..	1	..	..	..	3
Felonious Assault.....	211	13	224	65	13	25	..	..	121
Forgery.....	21	..	21	2	..	3	4	..	12
False Pretense.....	3	..	3	3	..	..	..	..	..
Grand Larceny.....	417	72	489	153	45	105	8	..	178
Homicide.....	21	2	23	12	..	..	1	..	10
Incest.....	2	1	3	..	..	..	..	..	3
Larceny from Person.....	30	4	34	8	2	13	..	..	11
Mayhem.....	1	1	2	..	1	..	..	..	1
Passing Counterfeit Money.....	12	1	13	6	1	1	..	..	5
Perjury.....	5	..	5	1	..	..	1	..	3
Robbery.....	69	8	77	27	8	12	..	..	30
Receiving Stolen Goods.....	14	..	14	3	..	..	..	..	11
Rape.....	17	..	17	3	3	1	..	..	10
Sodomy.....	1	..	1	..	..	..	..	..	1
Seduction.....	4	..	4	2	1	..	..	..	1
Totals.....	1,041	117	1,158	333	88	231	17	3	486



## Schedule "C."

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
HOUSE OF DETENTION,  
NEW YORK, October 1, 1886.

WILLIAM H. KIPP, Chief Clerk:

SIR—In compliance with the rules of the Department, I respectfully submit the following report for the quarter ending September 30, 1886, of the names of persons detained as witnesses during the months of July, August and September, 1886, together with the offense in which they were detained to give evidence, and the dates of their commitment and discharge.

Respectfully,

TEUNIS V. HOLBROW, Sergeant Commanding.

COMMITTED.	REMAINING JUNE 30, 1886.	DISCHARGED.
June 5, 1886.....	Frederick Lett.....	July 14, 1886
" 15, ".....	Oliver S. Kerr.....	" 20, "
" 21, ".....	Mary Ann Martin.....	Sept. 8, "
" 21, ".....	William Kuster.....	July 9, "
" 24, ".....	Mary A. Thatcher.....	Still here.
" 26, ".....	Octavia Bentley.....	Sept. 21, 1886
" 26, ".....	Dooley Still.....	" 21, "
" 26, ".....	Nazia Corora.....	July 7, "
" 27, ".....	Carrie Wilson.....	Sept. 1, "
" 27, ".....	Emanuel Devoos.....	" 1, "
" 27, ".....	John Green.....	" 1, "
" 30, ".....	Thomas Flaherty.....	July 2, "

Committed, July, 1886.

NAMES.	OFFENSES CHARGED.	COMMITTED.	DISCHARGED.
Nicholas Matthias.....	Felonious Assault.....	July 1, 1886	July 8, 1886
Lizzie Brennan.....	Arson.....	" 1, "	Aug. 13, "
John Flynn.....	Robbery.....	" 1, "	July 16, "
John McCarthy.....	Homicide.....	" 2, "	" 21, "
Charles B. Waite.....	Bribery.....	" 7, "	No.
John Gorman.....	Felonious Assault.....	" 6, "	Sept. 10, "
James McCarthy.....	Violation Excise Law.....	" 15, "	July 17, "
Patrick Riley.....	Robbery.....	" 16, "	Aug. 9, "
John Matlace.....	Larceny from Person.....	" 18, "	July 22, "
Charles A. Akerland.....	Felonious Assault.....	" 20, "	Aug. 5, "
Jennie Woods.....	Assault and Petit Larceny.....	" 20, "	Sept. 14, "
John Walker.....	Felonious Assault.....	" 21, "	July 30, "
James Clark.....	Assault and Battery.....	" 22, "	Aug. 13, "
Mary Smith.....	Grand Larceny.....	" 28, "	July 28, "
John Farrell.....	Robbery.....	" 28, "	" 31, "

Committed, August, 1886.

NAMES.	OFFENSES CHARGED.	COMMITTED.	DISCHARGED.
William Pierson.....	Larceny from Person.....	Aug. 3, 1886	Aug. 15, 1886
Jane Claudel.....	Attempt at Rape.....	" 3, "	No.
Max Randolph.....	Grand Larceny.....	" 4, "	Aug. 4, "
Emma Hicks.....	Assault and Battery.....	" 7, "	" 13, "
Thomas Dugan.....	Robbery.....	" 14, "	" 15, "
Hannah Kearns.....	Disorderly House.....	" 18, "	" 20, "
John McGinnis.....	Felonious Assault.....	" 23, "	Sept. 10, "
Maria G. Protenza.....	Homicide.....	" 23, "	" 14, "
Joseph Mancini.....	".....	" 23, "	" 14, "
Simon Sucks.....	Robbery.....	" 25, "	Aug. 30, "
Joseph Kahert.....	Arson.....	" 27, "	No.
James Sullivan.....	Robbery.....	" 28, "	Sept. 8, "
Elizabeth Ryan.....	Felonious Assault.....	" 28, "	" 7, "
Joseph Hubbard.....	Larceny from Person.....	" 30, "	" 30, "
Thomas Reilly.....	Robbery.....	" 30, "	No.
Julia Harrington.....	Rape.....	" 31, "	No.

Committed September, 1886.

NAMES.	OFFENSES CHARGED.	COMMITTED.	DISCHARGED.
Mary Malloy.....	Felonious Assault.....	Sept. 2, 1886	No.
Frank I. Martin.....	Larceny from Person.....	" 3, "	Sept. 3, 1886
Henry Dies.....	Assault and Battery.....	" 4, "	" 11, "
George Wells.....	Robbery.....	" 4, "	" 30, "
Lizzie Burns.....	Disorderly House.....	" 4, "	" 8, "
Anastasis Veriakes.....	Felonious Assault.....	" 6, "	" 8, "
William Williams.....	Assault and Battery.....	" 7, "	" 11, "
Michael Leery.....	Robbery.....	" 10, "	" 30, "
Peter Stevens.....	Petit Larceny.....	" 14, "	" 17, "
Lawrence O'Brien.....	Robbery.....	" 16, "	" 23, "
Robert Adams.....	Larceny from Person.....	" 18, "	" 20, "
Bella Reade.....	Disorderly House.....	" 18, "	No.
Clara Anderson.....	Larceny from Person.....	" 19, "	Sept. 20, "
Ah Dick.....	Disorderly House.....	" 20, "	" 20, "
Frank Davis.....	Larceny from Person.....	" 21, "	No.
Kate Courtney.....	Homicide.....	" 22, "	No.
May Davis.....	Disorderly House.....	" 23, "	Sept. 28, "
Mary Auer.....	Burglary.....	" 25, "	No.
Christopher Creighton.....	Petit Larceny.....	" 25, "	Sept. 27, "
Florence Kuensel.....	Disorderly House.....	" 25, "	No.
Walter F. Warner.....	Larceny from Person.....	" 26, "	Sept. 30, "
Elizabeth Morton.....	Rape.....	" 27, "	No.
Corio Darlo.....	Felonious Assault.....	" 27, "	Sept. 29, "
Finle Delapaulo.....	".....	" 27, "	" 28, "
Corio Barkeno.....	".....	" 27, "	" 28, "
Paulo Darlo.....	".....	" 27, "	" 29, "
Madeline Levi.....	".....	" 28, "	No.
Mary Mulligan.....	Assault and Battery.....	" 28, "	No.
Achille Feraldi.....	Robbery.....	" 28, "	No.

## RECAPITULATION.

Remaining in House June 30, 1886.....	12
Committed during July, 1886.....	15
Total.....	27
Discharged during July, 1886.....	14
Remaining in House August 1, 1886.....	13
Committed during August, 1886.....	17
Total.....	30
Discharged during August, 1886.....	9
Remaining in House September 1, 1886.....	21
Committed during September, 1886.....	30
Total.....	51
Discharged during September, 1886.....	31
Remaining in House October 1, 1886.....	20
1,413½ days, 4,240 meals, at 25 cents each.....	\$1,060 00

## Schedule "D."

## REPORT OF THE SANITARY POLICE COMPANY

For the Quarter ending September 30, 1886.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
No. 300 MULBERRY STREET,  
NEW YORK, October 1, 1886.

Hon. S. B. FRENCH,

President of the Board of Police of the Police Department of the City of New York:

SIR—In conformity with the rules of the Department, I herewith transmit to you the report of this branch of the New York City Police for the quarter ending September 30, 1886, said report containing the number of steam boilers examined, tested hydrostatically, and their condition; the number of applicants examined as to their qualifications as engineers, to take charge of portable and stationary steam boilers and engines in this city, also the amount of money collected from owners of steam boilers for testing same, and paid over to the treasurer of the "Police Pension Fund" in compliance with chapter 437 of the Laws of 1885, paid June 8, 1885.

Respectfully submitted,

WASHINGTON MULLIN,

Sergeant in Command Sanitary Company.

For the quarter ending September 30, 1886, there have been 1,312 applicants examined for engineers' certificates, to take charge of stationary and portable steam boilers and engines; each applicant has been examined as to his experience, qualification, and knowledge of steam boilers; of this number 1,157 passed a satisfactory examination, and have been granted certificates, and 155 have been rejected.

## Recapitulation.

Whole number of examinations.....	1,312
Of which number were renewals.....	948
" " first examinations.....	293
" " second examinations.....	61
" " third examinations.....	10

Total number of examinations..... 1,312

Of which number were rejected on first examination.....	134
" " second examination.....	19
" " third examination.....	2

Total number rejected..... 155

Total number of certificates granted..... 1,157

Of which number were of the first class..... 266

" " second class..... 384

" " third class..... 450

Members of the New York Fire Department..... 16

For boilers only and not classified..... 41

Total number of certificates granted..... 1,157

## Steam Boilers.

Number of steam boilers examined.....	1,648
" " tested hydrostatically.....	1,522
" " not tested (no motive power).....	7
" " (defective).....	31
" " (not in use).....	88

Total..... 1,648

Number of steam boilers condemned as unfit for further use.....	25
" " boilers defective.....	31
" " gauges defective.....	8
" " gauge cocks defective.....	3
" " joints and connections defective.....	1

Total defects..... 68

Of which number were removed and replaced by others..... 25

" " repaired..... 21

" " under repairs..... 10

Number of steam gauges repaired..... 8

" " gauge cocks repaired..... 3

" " joints and connections repaired..... 1

Total..... 68

Number of steam boilers tested..... 1,522

For which was collected the sum of two dollars each and paid over to the Treasurer of the "Police Pension Fund," in compliance with chapter 437 of the Laws of 1885. \$3,044 00

## Schedule "E."

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
No. 300 MULBERRY STREET,  
NEW YORK, September 30, 1886.

STEPHEN B. FRENCH, Esq., President of the Board of Police:

SIR—I herewith respectfully submit a report of the business of this office for the quarter ending September 30, 1886.

Respectfully,

JOHN F. HARRIOT, Property Clerk.

Number of lots received.....	416
" " delivered.....	129

The value of property delivered from this office, as estimated by the several parties receiving the same was..... \$5,086 64

There was also delivered by the several Precincts, Court and Detective Squads, according to their weekly returns..... \$159,567 60

PRECINCTS.	AMOUNT.	PRECINCTS.	AMOUNT.	PRECINCTS.	AMOUNT.
First.....	\$2,161 59	Nineteenth.....	\$4,796 55	Thirty-fifth.....	\$665 00
Fourth.....	5,236 96	Twentieth.....	7,852 13	Nineteenth Sub.....	2,136 90
Fifth.....	11,084 87	Twenty-first.....	5,757 30	Detective Bureau.....	.....
Sixth.....	4,744 55	Twenty-second.....	7,083 70	Third.....	1,649 21
Seventh.....	2,964 77	Twenty-third.....	5,437 45	Second.....	461 11
Eighth.....	6,582 64	Twenty-fourth.....	1,770 00	First Court.....	200 00
Ninth.....	8,859 25	Twenty-fifth.....	556 07	Second Court.....	20 00
Tenth.....	3,060 55	Twenty-sixth.....	366 16	Third Court.....	.....
Eleventh.....	688 29	Twenty-seventh.....	5,778 50	Fourth Court.....	.....
Twelfth.....	4,683 89	Twenty-eighth.....	12,130 02	Fifth Court.....	.....
Thirteenth.....	1,215 04	Twenty-ninth.....	19,581 98	Sanitary Company.....	.....
Fourteenth.....	5,408 73	Thirtieth.....	4,376 43	Special Service Squad.....	.....
Fifteenth.....	5,309 84	Thirty-first.....	3,765 76	First Inspection District.....	.....
Sixteenth.....	5,876 17	Thirty-second.....	1,597 25	Second ".....	.....
Seventeenth.....	2,329 23	Thirty-third.....	544 50		
Eighteenth.....	2,750 20	Thirty-fourth.....	75 00		
				Total.....	\$159,567 60



Schedule "F."

NEW YORK, September 30, 1886.

To the Board of Police:

GENTLEMEN—I herewith submit a statement of disbursements of the Police Department of the City of New York, for the quarter ending September 30, 1886:

ACCOUNTS.	EXPENSES FOR JULY.	EXPENSES FOR AUGUST.	EXPENSES FOR SEPTEMBER.	TOTAL.
Commissioners.....	\$1,666 64	\$1,666 64	\$1,666 64	\$4,999 92
Superintendent.....	500 00	500 00	500 00	1,500 00
Inspectors.....	874 98	874 98	874 98	2,624 94
Surgeons.....	3,375 00	3,375 00	3,375 00	10,125 00
Captains.....	7,941 01	7,940 92	7,684 83	23,566 76
Sergeants.....	20,383 30	20,343 62	19,592 49	60,319 41
Patrolmen.....	255,905 56	256,440 82	248,779 83	761,126 21
Doormen.....	6,708 86	6,284 23	6,471 84	19,464 93
Detective Sergeants.....	5,435 56	5,474 86	5,256 00	16,166 42
Provisional Employment.....	4,174 53	11,682 52	6,924 76	22,781 81
Tenement and Lodging-house Squad.....	3,030 97	3,053 91	2,955 22	9,040 10
Additional Police Fund.....		2,181 05	11,143 51	13,324 56
Clerical.....	4,462 42	4,462 42	4,462 42	13,387 26
Telegraph.....	949 99	949 99	949 99	2,849 97
Employees.....	1,425 79	1,432 37	1,410 36	4,268 52
Election Expenses—Salaries.....	416 66	416 66	416 66	1,249 98
Police Station-houses—Alterations, etc.....	443 90	598 94	404 76	1,447 60
Supplies for Police.....	3,476 98	5,886 92	5,978 64	15,342 54
Contingent Expenses—Central Department.....	315 89	307 59	132 90	756 38
Station-houses.....	265 30	281 75	17 25	564 30
Expenses of Detectives, etc.....	450 84	324 83	164 45	940 12
Totals.....	\$322,204 18	\$334,480 92	\$329,162 53	\$985,847 63

GEORGE P. GOTT, Bookkeeper.

JOHN MCCLAVE, Treasurer.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Counsel to the Corporation for the week ending October 23, 1886:

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

SCHEDULE "A."

SUITS AND SPECIAL PROCEEDINGS INSTITUTED.

SUPREME COURT.

John S. Warren vs. The Mayor, etc.—To recover excess of assessment paid for Tenth avenue, regulating, etc., from Manhattan street to One Hundred and Fifty-fifth street, \$75.  
 The Mayor, etc., of the City of New York vs. John McLaughlin—To recover penalty for violation of Dock Department Rule 4, for allowing sand to remain on bulkhead at Seventy-ninth street, North river, between May 30, and June 4, 1885, and on Pier foot of Ninety-sixth street, North river, between June 5 and 8, 1885, and on Pier foot of Thirty-sixth street, between August 20 and 28, 1886, \$200.  
 In the matter of the petition of Mary E. Allison—To be paid the amount of award made in the matter of opening One Hundred and Sixty-first street, in the Twenty-third Ward of said city.  
 The Mayor, etc., of the City of New York vs. Peter Donnelly—To recover penalty for violation of Rule 4, \$100.  
 The Mayor etc., of the City of New York vs. James H. Meade, John C. Cannon, Elliott R. Gasper, John Doe and Richard Roe, unknown persons, proprietors or managers of or aiding in or abetting the exhibitions and performances mentioned in the complaint in this action—To restrain performances at the "Regent."  
 The Mayor, etc., of the City of New York vs. John Koster, Albert Bial, John Doe and Richard Roe, unknown persons, proprietors or managers of, or aiding in or abetting the exhibitions and performances mentioned in the complaint in this action.  
 John G. Jenny vs. The Mayor, etc., for work, labor and materials furnished in glazing five schools in Twentieth Ward, New York City, December 30, 1880, \$91.55.  
 The Mayor, etc., of the City of New York vs. John A. Nesbit and William H. Nesbit, panthers, doing business under the firm name of John Nesbit's Sons—To recover penalty for violation of Dock Department Rule 4, for allowing brick to remain on bulkhead, between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets, North river, July 20 to 25, 1885, and at foot of One Hundred and Thirty-first street, North river, between August 11 and 18, 1885, and at Pier foot of Fifty-first street and Fifty-fifth street, North river, between November 11 and 14, \$550.  
 In re petition of The Hebrew Benevolent and Orphan Asylum—To vacate sale for, 1st. Opening Lexington avenue. 2d. Culvert Second avenue and Seventy-fourth street.  
 Sigmund Alexander vs. The Mayor, etc.—Summons only served.  
 William Brennan vs. The Mayor, etc.—Summons only served.  
 Isaac and Simon Bernheimer vs. The Mayor, etc.—Summons only served.  
 Jeannetta Eisig vs. The Mayor, etc.—Summons only served.  
 Louisa F. Farden vs. The Mayor, etc.—Summons only served.  
 Isasia Meyer vs. The Mayor, etc.—Summons only served.  
 Sarah E. Mortimer vs. The Mayor, etc.—Summons only served.  
 George W. Pell vs. The Mayor, etc.—Summons only served.  
 Annie B. Phelps vs. The Mayor, etc.—Summons only served.

SUPERIOR COURT.

George W. McLean, as Receiver of Taxes in the City of New York, vs. John T. Pulling and James D. Mogg, as executors of the last will and testament of Abraham C. Pulling, deceased—To recover amount of personal tax assessed on Chatham National Bank shares for the year 1880, \$253.  
 George W. McLean, as Receiver of Taxes in the City of New York, vs. Charles M. Church—To recover amount of personal tax assessed on Broadway National Bank shares for the year 1880, \$132.82.  
 George W. McLean, as Receiver of Taxes in the City of New York, vs. John R. Platt, Isaac S. Platt and William P. Chambers, as executors of the last will and testament of Samuel R. Platt, deceased—To recover amount of personal tax assessed on Broadway National Bank shares for the year 1880, \$379.50.  
 People ex rel. Josephine F. Clason vs. Artemus S. Cady, Clerk of Arrears—Mandamus to compel Clerk of Arrears to receive the amount levied for taxes of 1869 and 1870, on premises No. 34 Front street.  
 George W. McLean, as Receiver of Taxes in the City of New York, vs. John Nash—To recover amount of personal tax assessed on Broadway National Bank shares for the year 1880, \$43.51.  
 George W. McLean, as Receiver of Taxes in the City of New York, vs. Joseph Rudd—To recover amount of personal tax assessed on Broadway National Bank shares for the year 1880, \$326.37.  
 George W. McLean, as Receiver of Taxes in the City of New York, vs. Sarah L. Myers—To recover amount of personal tax assessed on Broadway National Bank shares for the year 1880, \$163.18.  
 George W. McLean, as Receiver of Taxes in the City of New York vs. Abram J. Dittenhoeffer—To recover amount of personal tax assessed on Murray Hill Bank shares for the year 1880, \$53.13.  
 George W. McLean, as Receiver of Taxes in the City of New York vs. Charles T. Harbeck a receiver of the Mercantile Mutual Life Insurance Company—To recover amount of personal tax assessed on Metropolitan National Bank shares, \$3,066.31.  
 George W. McLean as Receiver of Taxes in the City of New York vs. F. Alexandre and Sons—To recover amount of personal tax assessed on Chatham National Bank shares for year 1880, \$94.87.  
 George W. McLean as Receiver of Taxes in the City of New York vs. James R. Taylor—To recover amount of personal tax assessed on Chatham National Bank shares for year 1880, \$316.25.

SURROGATE'S COURT.

In the matter of the estate of Ellen Conway, called Walsh or Welch, deceased—Citation directing the Public Administrator and the Chamberlain to show cause why money, \$5,800.56, should not be paid to petitioner Ann Green.

UNITED STATES CIRCUIT COURT.

The Gamewell Fire Alarm Telegraph Co. vs. The Mayor, etc., of the City of New York—For infringement of patent on fire and police fire-alarm boxes.

SCHEDULE "B."

JUDGMENTS ENTERED AND ORDERS OF THE GENERAL AND SPECIAL TERMS.

In re John H. Watson, Manhattan street sewer—Order entered dismissing petition without costs, by consent.  
 In re Simon Mack, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re F. A. Paddock, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re Frederick De Peyster, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re Bernard Cohen, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re J. Watts De Peyster, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re Edward C. Delaven, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re John H. Watson, Seventy-third and Eighty-first streets underground drains—Order entered dismissing petition without costs, by consent.  
 In re Oscar F. G. Megie, Seventh avenue regulating, etc.—Order entered dismissing petition, by consent.  
 In re Oscar F. G. Megie, Seventh avenue paving, etc.—Order entered dismissing petition, by consent.  
 George Miller—Judgment entered in favor of plaintiff for 768.69; after trial before Bookstaver, J., and Jury.  
 In re George F. Shady et al, Boulevard sewers, One Hundred and Fifty-fifth to One Hundred and Fifty-seventh street—Order entered vacating assessment pursuant to decision in re Blodgett, 91 N. Y., 117.  
 Matter Hugh Reilly, etc.—Order entered directing payment to petitioner the sum of \$162.28 in City Treasury to credit of estate of Julia Reilly, deceased.  
 George W. McLean vs. W. A. Darling—Order entered discontinuing action, by consent.  
 In re Howard G. Badgley, Boulevard sewers, between One Hundred and Fifty-fifth and One Hundred and Fifty-seventh streets—Order entered vacating assessment pursuant to decision in re Robbins, 91 N. Y., 117.  
 In re John C. Graff, Boulevard sewers, between One Hundred and Fifty-fifth and One Hundred and Fifty-seventh streets—Order entered vacating assessment pursuant to decision in re Robbins, 91 N. Y., 117.  
 Hannah Logue, as administratrix, etc.—Order entered discontinuing action without trial, by consent.  
 James Galway—Judgment entered in favor of plaintiff for \$135.84 without trial, by consent.  
 John S. Schultze—Order and judgment on remittitur entered in favor of plaintiff for \$107.67.  
 James C. Carsee—Judgment entered in favor of plaintiff for \$309.99, damages \$150; after trial before Truax, J., and jury.  
 Benjamin Goss, administrator—Order entered dismissing complaint with costs, upon motion before Donohue, J.  
 George W. McLean, as Receiver of Taxes in the City of New York, vs. Charles Burkhalter—Order entered discontinuing action without costs, by consent.  
 The Mayor, etc., vs. Peter H. Titus et al.—Order entered amending summons and complaint and lis pendens nunc pro tunc as of June 16, 1886, by substituting the name of Jacob Eckhard in place of that of Charles Johnson.  
 People ex rel. Electric Lines Company vs. Rollin M. Squire—Order entered denying motion for mandamus.  
 George Buehler—Judgment entered dismissing complaint and for \$109.04 costs, etc.  
 In re John Rudke, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Philip Ahrens, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Wendel Beiser, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Central Park, N. and E. R. R. Company, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Pierce Dunne, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Ger'd Dreyer, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Michael Dooley, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Mary C. Ellrodt, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Christian Fuchs, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re John Fath, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Peter Tiffinger, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Ludwig Gaide, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Otilie Hiener, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re George Loehr, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re John Loehr, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re John Mullaly, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re David McFall, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Stephen Pabst, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Nicholas Seagrist, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Joseph A. Scholtz, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Walter J. Stafford, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Barbara Limermyer, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 In re Joseph E. Redman, Fifty-first and Fifty-sixth streets sewers, between Ninth and Tenth avenues—Order entered reducing assessment pursuant to decision in re Striker.  
 John B. Devlin, No. 1—Judgment entered in favor of plaintiff for \$815.29 without trial; letter to Comptroller.  
 John B. Devlin, No. 2—Judgment entered in favor of plaintiff for \$382.18, without trial; letter to Comptroller.  
 Michael Groh—Judgment entered in favor of plaintiff for \$931.13, without trial; letter to Comptroller.  
 Francis Baker—Interlocutory judgment entered in favor of plaintiff overruling City's demurrer, but allowing City to put in an answer within twenty days on payment of costs.  
 In re John Campbell, Fifty-first and Fifty-sixth streets sewers—Order entered reducing assessment pursuant to decision in re Striker.  
 George W. McLean, as Receiver, etc., vs. Daniel H. Arnold—Action discontinued, full amount being paid, by consent.  
 George W. McLean, as Receiver, etc., vs. Henry Kloppenburg—Action discontinued, full amount being paid, by consent.  
 George W. McLean, as Receiver, etc., vs. Evan Thomas—Action discontinued, wrong party being served.  
 George W. McLean, as Receiver, etc., vs. John Nash—Action discontinued, full amount being paid, by consent.

SCHEDULE "C."

SUITS AND SPECIAL PROCEEDINGS TRIED OR ARGUED.

People ex rel. Matthew Tuck vs. French et al.—Argued before Lawrence, J.; decision reserved; D. J. Dean for respondents.  
 George Buehler—On day calendar; complaint dismissed by default.  
 Matter New Parks Hearing proceeded on Pelham and Bronx Parkway, and adjourned till October 26, 1886, at 2 P. M.; L. McLoughlin.  
 Mayor, etc., vs. Leonore M. Van Wyck et al.—T. P. Wickes attended; property sold to the J. M. Horton Ice Cream Company for \$39,900 (T. P. Wickes' highest bid was \$39,850); bidder paid ten per cent. to the Referee, and signed terms of sale.  
 People ex rel. Richard W. Ryan vs. Civil Service—Submitted at Court of Appeals; D. J. Dean for City.



Benjamin Goss, administrator—Motion to dismiss complaint granted by default; W. T. Cox for the City.  
 John McManus—Motion to dismiss complaint made before Truax, J.; motion granted; W. T. Cox for the City.  
 Daniel L. Hart—Tried before Ingraham, J., and Jury; verdict for plaintiff for \$72.66.  
 Andreas Gubasko—Trial went on two days before Bookstaver, J., and Jury; verdict for the City; F. L. Wellman and J. J. Townsend, Jr., for the City.  
 The Mayor, etc., vs. Theodore Allen—Motion for injunction granted by default.  
 The Mayor, etc., vs. Terrence Farley—T. P. Wickes attended; hearing proceeded and closed; receiver presented his account showing balance of \$4,257.63.  
 The Mayor, etc., vs. James H. Meade et al—Argued before Donohue, J.; decision reserved; F. M. Scott for the City.  
 The Bowery National Bank—Argued at General Term; decision reserved; A. H. Masten for the City.  
 In re George Hoffman, Fifth avenue paving—Motion to dismiss appeal made at General Term; motion granted; G. L. Sterling for the City.  
 In re Courtland Palmer, Sixty-sixth street outlet sewer—Submitted at General Term; briefs to be handed up in ten days; G. L. Sterling for the City.  
 People ex rel. Hanover Fire Insurance Company vs. Tax Commissioners—Tried before Barrett, J.; decision served; G. L. Sterling for the City.  
 People ex rel. Knickerbocker Fire Insurance Co.—Trial begun before Barrett, J.  
 William N. Kingsland—Motion to amend amount claimed argued at General Term; decision reserved; J. C. Carter and F. A. Irish for the City; brief submitted.  
 Henry K. L. Williams—Motion to amend amount claimed argued at General Term; decision reserved; J. C. Carter and F. A. Irish for the City; brief submitted.  
 People of the State of New York vs. John O'Brien, as Receiver etc., and The Mayor, etc., of the City of New York, argued at Court of Appeals; decision reserved; D. J. Dean for the City.  
 Matter New York Cable Railway Co—Argued at Court of Appeals; decision reserved; D. J. Dean for the City of New York.  
 John Cox—Argued at Court of Appeals; decision reserved; D. J. Dean for the City.  
 H. Judson Morris—Motion to restore to calendar heard before Ingraham, J.; motion denied conditionally.  
 Lafin and Kand Powder Co.—Motion to restore to calendar heard before Ingraham, J.; motion denied.

E. HENRY LACOMBE, Counsel to the Corporation.

## DEPARTMENT OF DOCKS.

At a special meeting of the Board of Docks, held October 30, 1886.  
 Present—Commissioners Stark, Matthews and Koch.  
 The minutes of the meeting held October 27, 1886, were read and approved.  
 The application of William P. Clyde & Co. for permission to drive piles and repair Piers 33 and 34, East river, and the bulkhead between, was referred to the Engineer-in-Chief to examine and report.  
 A communication from the Engineer-in-Chief, submitting a petition from members of the surveying party in the employ of the Department, requesting that they be allowed car-fare while in the performance of their duty, was  
 On motion, laid on the table.  
 The petition of George S. Schultz, requesting the Department to build a crib-dock at One Hundred and Fifty-ninth street and Eighth avenue, Harlem river, was  
 On motion, laid on the table.  
 The following communications were received, read and  
 On motion, ordered to be placed on file, action being taken where necessary, as stated, to wit:  
 From David S. Paige—Reporting that the pavement in front of Pier, new 35, North river, has settled a distance of about one hundred square feet. Referred to the Engineer-in-Chief to examine and report.  
 From M. Graney—Requesting permission to build a scow on the bulkhead between Seventeenth and Eighteenth streets, North river. Application denied.  
 From A. T. Serrell & Son—Requesting permission to berth yacht at Pier foot of Fifty-seventh street, North river. Referred to the President.  
 From Baltimore and Ohio Railroad Company—Reporting that they will take possession of and occupy Pier, new 43, North river, on and after November 1, 1886.  
 From R. Fitzpatrick—Stating that he did not violate Rule 7, on October 22d and 23d instant, on Piers at Little West Twelfth street and Fifty-fifth street, North river. The President authorized to request Dock Masters Smith and Erwin to call on the Commissioners.  
 From Engineer-in-Chief:  
 1st. Reporting that the Pennsylvania Railroad Company are paving bulkhead between Piers, new 27 and 28, North river, without a permit from the Board. The action of the President in issuing a permit to the Pennsylvania Railroad Company to do the paving required at the said premises, at their cost and expense, and under the direction and supervision of the Engineer-in-Chief of this Department, was approved.  
 2d. Reporting the unlawful driving of piles at foot of Eighth avenue, on west side of Harlem river. The President authorized to notify James J. Coogan to remove said piles forthwith or the penalty for violation of Rule 1 of the Rules and Regulations will be imposed.  
 3d. Report on Secretary's Order No. 4384, that temporary repairs have been made to Pier at West Fortieth street, North river.  
 4th. Report on Secretary's Order No. 3586, that he had superintended repairing Pier 40 and the bulkhead between Piers 39 and 40, East river.  
 5th. Report on Secretary's Order No. 5350, in reference to repairs required to Pier at One Hundred and Twenty-fifth street, Harlem river.  
 6th. Report on Secretary's Order No. 5936, in reference to dredging required at the bulkhead west of Pier 60, East river.  
 On motion, the President was authorized to notify the Providence and Stonington Steamship Company to remove the rail tracks on the newly-made land from the easterly end of Pier, new 36, North river, to the westerly line of West street, under the direction and supervision of the Engineer-in-Chief of this Department; and the Engineer-in-Chief was directed to relay the pavement thereat with coal-tar joints, as recommended in his report, at a cost of about \$250.  
 On motion, the subject matter respecting a reduction in the compensation charged Kennedy, Rheinhardt & Co. for berth on north side of Pier, new 59, and the north side of Pier at West Fifty-first street, North river, was referred to the Treasurer, Commissioner Matthews, with power.  
 The following preambles and resolutions were adopted:  
 Whereas, This Board has been in negotiation for the purchase of a certain bulkhead or wharf property on the North river, between Beach and Hubert streets, in the City of New York, for the acquirement of said premises by the Corporation of the City of New York, as provided by section 715, chapter 410, of the Laws of 1882; and  
 Whereas, Such negotiations have resulted in a proposition on the part of said owners thereof, submitted through Mr. Simon Stevens, their counsel, accompanied by a draft or an agreement under the terms of which, as therein stated, his clients are willing to sell and convey to the Corporation of the City of New York the premises hereinafter described, for the prices therein named; therefore be it  
 Resolved, That, in pursuance of the proposition so made, this Board hereby agrees to purchase, for and on account of the Corporation of the City of New York, the following described piece or parcel of wharf property from the owners thereof, together with all the rights, titles, easements and privileges incident thereto, for the price of \$65,000, as therein stated, subject to the approval of the Commissioners of the Sinking Fund, as provided by said section 715, chapter 410 of the Laws of 1882, viz.:  
 All that bulkhead, wharf or dock property on West street, in the City of New York, between Beach and Hubert streets, beginning at a point on the westerly side of West street, at the point of intersection of said westerly side of West street with a line drawn in prolongation of the northerly line of Beach street, and extending northerly along West street to property now belonging to the City of New York, late the property of Elizabeth Ogden Brower, deceased, one hundred feet more or less, together with the water rights, benefits, advantages and emoluments thereto belonging, being part of the same premises described in and conveyed by certain deeds from Gideon Lee and others and Sheppard Knapp and wife to William Chamberlain and George A. Phelps, bearing date March 13, 1865, and recorded in the office of the Register of the City and County of New York, in liber 930 of conveyances, pages 583 and 585, May 3, 1865, claimed as the property of Phelps Brothers and others, for the sum of \$65,000; therefore be it  
 Resolved, That the proposition made to this Board on behalf of the owners of the property above described, to sell and convey the same to the Corporation of the City of New York upon the terms and conditions named in said draft of agreement herewith submitted, be and is hereby accepted, subject to the approval of the Commissioners of the Sinking Fund, as provided for by law, and that the President of this Board be and is hereby directed to so notify the counsel of the parties of the acceptance hereof, and request that the agreement for carrying out the same shall be prepared and executed by the private owners within twenty days from the date hereof, and that when so prepared and submitted, that the officers of this Board be and are hereby authorized and directed to execute the same, and affix the seal of the Department thereto, and when so executed the Secretary be and hereby is directed to transmit a copy of the same to the Commissioners of the Sinking Fund for their approval, as required by law.  
 On motion, the Board adjourned.

B. W. ELLISON, Secretary.

## HEALTH DEPARTMENT OF THE CITY OF NEW YORK.

Statement of all Suits for Penalties for Violations of the Sanitary Code, finally disposed of in the Civil and Criminal Courts, for the Week ending October 23, 1886.

Number of Order.	DATE OF ISSUE OF ORDER.	DATE OF SERVICE OF SUMMONS.	DATE OF JOINING ISSUE.	LOCATION.	DEFENDANT.	ADDRESS.	OWNER, AGENT, OR LESSEE.	SUBJECT OF COMPLAINT, ORDER OR OFFENSE CHARGED.	Nature of Action, Civil or Criminal.	Section of Sanitary Code Violated.	Section of Consolidation Act Violated.	No. of Inspections on Order.	RESULT OF TRIAL.	REASONS OF ACQUITTAL OR DISCHARGE.	NO. OF SUITS.	NAME OF COURT.	Amount of Judgment.	Amount Collected.	Dismissed by Court.	Consent of Attorney to Discontinue.	REASONS THEREFOR.	Execution Issued.	REASON WHY EXECUTION IS NOT ISSUED.	DATE OF ARREST.	REMARKS.	
6508	1886. June 21	1886. Aug. 20	Oct. 9	84 Suffolk st.	Charles Lewis	217 Church st.	Owner	School sink, etc., required	Civil	206		2	For Plaintiff.		2216	Third Dist. Court	\$59 50					No	{Def't not notified.}			Order partly complied with.
6700	" 25	July 23	" 9	203 Avenue A.	Jacob Mayer	{N.E. cor. Avenue A and 10th st.}	"	{Points to be caulked; new iron drain to be made, etc., etc.}	"	92		2	"		2221	"	59 50					"	"		{Summons not served upon defendant.	
9298	Aug. 23	Aug. 31	Sept. 11	{10, 12, 14, 16, 18 and 20 Rutgers pl.}	{Caroline Lowenstein}	302 Cherry st.	"	{Privy vault to be disinfected, emptied and cleaned}	"	92		1			2091	"			Yes.	No.					{Defendant opened judgment: Work done; case dismissed by consent of Attorney, because taken during an adjournment by default and by mistake.	
7601	July 16	" 6	" 11	204 Delancey st.	Morris Singer	53 Walker st.	"	{Water closets to be flushed; bell traps to be provided.}	"	92		3			2095	"				Yes.					{Bond forfeited.	
					Christ Burghart.	112th st., and 10th av		Keeping cows; no permit	Criminal.	200	Chapter 410, Laws of 1882, section 661.		See Remarks			Special Sessions.								1886. Aug. 31		
				{South side of 144th st., 240 feet west of Brook ave.}	James S. Bryant.	{N. side of 144th st., 250 feet west of Brook ave.}		Tenement-house Law	"				For People.			"	250 00							Sept. 15		
				100 Norfolk st.	Jacob Koenreich.			Adulterated milk	"	186			"			"	25 00							Oct. 7		
					Wm. Jungkerten	147 Rivington st.		"	"	186			"			"	25 00							" 7		
					Henry Meyer.	233 Ninth ave.		"	"	186			"			"	50 00							" 2		
					Luigi Sacco.	61 Mulberry st.		Carrying bones.	"	203			"			"	5 00							" 18		

Case No. 2227 was removed to the Court of Common Pleas on motion of defendant, October 21, 1886.

Executions were issued in Cases Nos. 2177 and 2179, previously reported on Orders Nos. 7689 and 9652.

Statistics in the Attorney's Weekly Report to the Board of Health not included in the above statement.

Besides the ordinary office work, there were 35 Suits begun, 146 Attorney's Notices issued, 126 Nuisances abated, Executions were issued in 2 cases, and 9 Arrests made.

Respectfully submitted,

W. P. PRENTICE, Attorney and Counsel.



## EXECUTIVE DEPARTMENT.

**MAYOR'S OFFICE,**  
NEW YORK, January 7, 1886.  
Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate  
"New York Times" and the "Daily News"  
two of the daily newspapers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

W. R. GRACE, Mayor.

**MAYOR'S OFFICE,**  
NEW YORK, December 31, 1885.  
In pursuance of the ordinance, approved April 30, 1877, and amended June 1, 1877, entitled, "An ordinance to prevent the danger of hydrophobia to any of the inhabitants of the City of New York," notice is hereby given that all Dogs found at large in the City of New York on and after January 1, contrary to such ordinance, will be seized and disposed of as provided therein.

The Dog Pound at the foot of Sixteenth street, East river, is hereby designated as the place where dogs so captured must be delivered to the Keeper thereof. The Pound will be open from eight o'clock A. M. until five o'clock P. M. daily, Sundays excepted, on and after the first day of January, 1886.

WM. R. GRACE,  
Mayor.

## OFFICIAL DIRECTORY.

**STATEMENT OF THE HOURS DURING WHICH**  
all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts.

## EXECUTIVE DEPARTMENT.

**Mayor's Office.**  
No. 6 City Hall, 10 A. M. to 3 P. M.  
WILLIAM R. GRACE, Mayor; WILLIAM L. TURNER, Secretary and Chief Clerk.

**Mayor's Marshal's Office.**  
No. 1 City Hall, 9 A. M. to 4 P. M.  
THOMAS W. BYRNES, First Marshal.  
GEORGE W. BROWN, Jr., Second Marshal.

**COMMISSIONERS OF ACCOUNTS.**  
Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
WM. PITT SHEARMAN, J. B. ADAMSON.

**AQUEDUCT COMMISSIONERS.**  
Room 200, Stewart Building, 5th floor, 9 A. M. to 5 P. M.  
JAMES C. SPENCER, President; JOHN C. SHEEHAN, Secretary; BENJAMIN S. CHURCH, Chief Engineer; J. C. LULLEY, Auditor.

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

**LEGISLATIVE DEPARTMENT.**  
**Office of Clerk of Common Council.**  
No. 8 City Hall, 10 A. M. to 4 P. M.  
ROBERT E. NOONEY, President Board of Aldermen.  
FRANCIS J. TWOMEY, Clerk Common Council.

**City Library.**  
No. 12 City Hall, 10 A. M. to 4 P. M.  
BERNARD JACOBS, City Librarian.

**DEPARTMENT OF PUBLIC WORKS.**  
**Commissioner's Office.**  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
JOHN NEWTON, Commissioner; D. LOWBER SMITH, Deputy Commissioner.

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

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

**Bureau of Street Improvements.**  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
WM. M. DEAN, Superintendent.

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

**Bureau of Repairs and Supplies.**  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
THOMAS H. McAVOY, Superintendent.

**Bureau of Water Purveyor.**  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
ALSTON CULVER, Water Purveyor.

**Bureau of Lamps and Gas.**  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
STEPHEN McCORMICK, Superintendent.

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

**Bureau of Incumbrances.**  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
GEO. A. McDERMOTT, Superintendent.

**Keeper of Buildings in City Hall Park.**  
MARTIN J. KEESSE, City Hall

## FINANCE DEPARTMENT.

**Comptroller's Office.**  
No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
EDWARD V. LOEW, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

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

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

**Bureau for the Collection of City Revenue and of Markets.**  
Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
JAMES J. KELSO, Collector of the City Revenue and Superintendent of Markets.

**Bureau for the Collection of Taxes.**  
First floor, Brown-stone Building, City Hall Park.  
GEORGE W. McLEAN, Receiver of Taxes; ALFRED VREDENBURG, Deputy Receiver of Taxes.

**Bureau of the City Chamberlain.**  
Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
WM. M. IVINS, City Chamberlain.

**Office of the City Paymaster.**  
No. 33 Reade street, Stewart Building.  
City Paymaster

## LAW DEPARTMENT.

**Office of the Counsel to the Corporation.**  
Staats Zeitung Building, third floor, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 4 P. M.  
E. HENRY LACOMBE, Counsel to the Corporation; ANDREW T. CAMPBELL, Chief Clerk.

**Office of the Public Administrator.**  
No. 40 Beekman street, 9 A. M. to 4 P. M.  
RICHARD J. MORRISON, Public Administrator.

**Office of the Corporation Attorney.**  
No. 40 Beekman street, 9 A. M. to 4 P. M.  
WILLIAM A. BOYD, Corporation Attorney.

## POLICE DEPARTMENT.

**Central Office.**  
No. 300 Mulberry street, 9 A. M. to 4 P. M.  
STEPHEN B. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

**COMMISSIONER OF JURORS.**  
Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
CHARLES REILLY, Commissioner; JAMES E. CONNER, Deputy Commissioner.

**COUNTY CLERK'S OFFICE.**  
Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.  
JAMES A. FLACK, County Clerk; THOMAS F. GILROY, Deputy County Clerk.

**DISTRICT ATTORNEY'S OFFICE.**  
Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
RANDOLPH B. MARTINE, District Attorney.

**THE CITY RECORD OFFICE.**  
**And Bureau of Printing, Stationery, and Blank Books.**  
No. 2 City Hall, 8 A. M. to 5 P. M., except Saturdays, on which days 8 A. M. to 3 P. M.  
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

**CORONERS' OFFICE.**  
Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12:30 P. M.  
MICHAEL J. B. MESSEMER, FERDINAND LEVY, FERDINAND EIDMAN, JOHN R. NUGENT, Coroners; JOHN T. TOAL, Clerk of the Board of Coroners.

**DEPARTMENT OF CHARITIES AND CORRECTION.**  
**Central Office.**  
No. 66 Third avenue, corner Eleventh street, 8:30 A. M. to 5:30 P. M.  
HENRY H. PORTER, President; GEORGE F. BRITTON, Secretary.

**FIRE DEPARTMENT.**  
Office hours for all except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, 10 P. M.  
**Headquarters.**  
Nos. 155 and 157 Mercer street.  
HENRY D. PURROY, President; CARL JUSSEN, Secretary.

**Bureau of Chief of Department.**  
CHARLES O. SHAY, Chief of Department.

**Bureau of Inspector of Combustibles.**  
PETER SEERY, Inspector of Combustibles.

**Bureau of Fire Marshal.**  
GEORGE H. SHELTON, Fire Marshal.

**Bureau of Inspection of Buildings.**  
ALBERT F. D'ORCH, Superintendent of Buildings.

**Attorney to Department.**  
WM. L. FINDLEY, Nos. 155 and 157 Mercer street.

**Fire Alarm Telegraph.**  
J. ELLIOT SMITH, Superintendent of Telegraph, Nos. 155 and 157 Mercer street.

**Central Office Fire Alarm Telegraph open at all hours.**

**Repair Shops.**  
Nos. 128 and 130 West Third street.

**Hospital Stables.**  
Ninety-ninth street, between Ninth and Tenth avenues.

**HEALTH DEPARTMENT.**  
No. 301 Mott street, 9 A. M. to 4 P. M.  
ALEXANDER SHALES, President; EMMONS CLARK, Secretary.

**DEPARTMENT OF PUBLIC PARKS.**  
Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M.  
HENRY R. BECKMAN, President; CHARLES DE F. BURNS, Secretary.

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

**Office of Superintendent of 23d and 24th Wards.**  
One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

**DEPARTMENT OF DOCKS.**  
Battery, Pier A, North River, 9 A. M. to 4 P. M.  
L. J. N. STARK, President; B. W. ELLISON, Secretary.

**Office hours from 9 A. M. to 4 P. M. daily, except Saturdays; on Saturdays as follows: from October 1 to June 1, from 9 A. M. to 3 P. M.; from June 1 to September 30, from 9 A. M. to 12 M.**

**DEPARTMENT OF TAXES AND ASSESSMENTS.**  
Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 3 P. M.  
MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.

**Office Bureau Collection of Arrears of Personal Taxes.**  
Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
CHARLES S. BEARDSLEY, Attorney; WILLIAM COMERFORD, Clerk.

**DEPARTMENT OF STREET CLEANING.**  
Nos. 31 and 32 Park Row, "World" Building, Rooms 8 and 9, 9 A. M. to 4 P. M.  
JAMES S. COLEMAN, Commissioner; JACOB SEABOLD, Deputy Commissioner; R. W. HORNER, Chief Clerk.

## CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Room No. 11, City Hall.  
EVERETT P. WHEELER, Chairman of the Supervisory Board; LEE PHILLIPS, Secretary and Executive Officer.

## BOARD OF ESTIMATE AND APPORTIONMENT.

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

## BOARD OF ASSESSORS.

Office, City Hall, Room No. 11, 9 A. M. to 4 P. M.  
EDWARD GILON, Chairman; WM. H. JASPER, Secretary.

## BOARD OF EXCISE.

No. 54 Bon street, 9 A. M. to 4 P. M.  
CHARLES H. WOODMAN, President; DAVID S. WHITE, Secretary and Chief Clerk.

## SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.  
HUGH J. GRANT, Sheriff; JOHN B. SEXTON, Under Sheriff; BERNARD F. MARTIN, Order Arrest Clerk.

## REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.  
JOHN REILLY, Register; JAMES A. HANLEY, Deputy Register.

## SUPREME COURT.

Second floor, New County Court-house, opens at 10:30 A. M.  
NOAH DAVIS, Presiding Justice; JAMES A. FLACK, Clerk; THOMAS F. GILROY, Deputy County Clerk.  
General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk.  
Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk.  
Special Term, Part II., Room No. 18, JOSEPH P. McDONOUGH, Clerk.  
Chambers, Room No. 11, WALTER BRADY, Clerk.  
Circuit, Part I., Room No. 12, SAMUEL BARRY, Clerk.  
Circuit, Part II., Room No. 14, RICHARD J. SULLIVAN, Clerk.  
Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.  
Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk.  
Judges' Private Chambers, Rooms Nos. 19 and 20, EDWARD J. KNIGHT, Librarian.

## SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.  
General Term, Room No. 35.  
Special Term, Room No. 33.  
Chambers, Room No. 33, 10 A. M.  
Part I., Room No. 34.  
Part II., Room No. 35.  
Part III., Room No. 36.  
Judges' Private Chambers, Room No. 30.  
Naturalization Bureau, Room No. 32.  
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.  
JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

## COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.  
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.  
Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.  
General Term, Room No. 24, 11 o'clock A. M. to adjournment.  
Special Term, Room No. 21, 11 o'clock A. M. to adjournment.  
Chambers, Room No. 21, 10:30 o'clock A. M. to adjournment.  
Part I., Room No. 25, 11 o'clock A. M. to adjournment.  
Part II., Room No. 26, 11 o'clock A. M. to adjournment.  
Part III., Room No. 27, 11 o'clock A. M. to adjournment.  
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.  
RICHARD L. LARREMORE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

## COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court opens at 11 o'clock A. M.  
FREDERICK SMYTH, Recorder; HENRY A. GILDER-SLEEVE and RUFUS B. COWING, Judges of the said Court.  
Terms, first Monday each month.  
JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

## CITY COURT.

City Hall.  
General Term, Room No. 20.  
Trial Term, Part I., Room No. 20.  
Part II., Room No. 19.  
Part III., Room No. 15.  
Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.  
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.  
DAVID McADAM, Chief Justice; JOHN REID, Clerk.

## OVER AND TERMINER COURT.

New County Court-house, second floor, southeast corner, Room No. 12. Court opens at 10:15 o'clock A. M.  
Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

## COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10:30 A. M., excepting Saturday.  
Clerk's Office, Tombs.

## DISTRICT CIVIL COURTS.

First District—First, Second, Third and Fifth Wards, southwest corner of Centre and Chambers streets.  
MICHAEL NORTON, Justice.  
Clerk's office open from 9 A. M. to 4 P. M.

Second District—Fourth, Sixth and Fourteenth Wards, corner of Pearl and Centre streets, 9 A. M. to 4 P. M.  
CHARLES M. CLANCY, Justice.

Third District—Ninth and Fifteenth Wards, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
GEORGE W. PARKER, Justice.

Fourth District—Tenth and Seventeenth Wards, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily; continues to close of business.  
ALFRED STECKLER, Justice.

Fifth District—Seventh, Eleventh and Thirteenth Wards, No. 154 Clinton street.  
JOHN H. MCCARTHY, Justice.

Sixth District—Eighteenth and Twenty-first Wards, No. 61 Union place, Fourth avenue, southwest corner of Eighteenth street. Court opens 9 A. M. daily; continues to close of business.  
WILLIAM H. KELLY, Justice.

Seventh District—Nineteenth and Twenty-second Wards, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays) and continues to the close of business.  
AMBROSE MONELL, Justice.

Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues to close of business. Clerk's office open from 9 A. M. to 4 P. M. each court day.  
FREDERICK G. GEDNEY, Justice.

Ninth District—Twelfth Ward, No. 325 East One Hundred and Twenty-fifth street.  
HENRY P. MCGOWN, Justice.

Clerk's office open daily from 9 A. M. to 4 P. M. Trial days Tuesdays and Fridays. Court opens at 9 1/2 A. M.

Tenth District—Twenty-third and Twenty-fourth Wards, corner of Third avenue and One Hundred and Fifty-eighth street.

Office hours, from 9 A. M. to 4 P. M. Court opens at 9 A. M.

Eleventh District—No. 919 Eighth avenue; Twenty-second Ward, and all that part of the Twelfth Ward lying south of One Hundred and Tenth street and west of Sixth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

LEO C. DESSAR, Justice.

## POLICE COURTS.

**Judges**—MAURICE J. POWER, J. HENRY FORD, JACOB PATTERSON, JR., JAMES T. KILBRETH, JOHN J. GORMAN, HENRY MURRAY, SOLON B. SMITH, ANDREW J. WHITE, CHARLES WELDE, DANIEL O'REILLY, PATRICK G. DUFFY.

**George W. CREGIER, Secretary.**  
Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue.

First District—Tombs, Centre street.  
Second District—Jefferson Market.  
Third District—No. 69 Essex street.

Fourth District—Fifty-seventh street, near Lexington avenue.  
Fifth District—One Hundred and Twenty-fifth street, near Fourth avenue.

Sixth District—One Hundred and Fifty-eighth street and Third avenue.

## THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall (northwest corner basement). Price three cents each.

## DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

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

## TO CONTRACTORS.

PROPOSALS FOR GROCERIES, DRY GOODS, WOODENWARE, LUMBER, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES.  
7,000 pounds Dairy Butter, sample on exhibition Thursday, November 18, 1886.  
1,000 pounds Cheese.  
1,000 pounds Dried Apples.  
5,000 pounds Barley, price to include packages.  
5,000 pounds Hominy, price to include packages.  
5,000 pounds Oatmeal, price to include packages.  
5,000 pounds Rio Coffee, roasted.  
5,000 pounds Rice.  
20,000 pounds Brown Sugar.  
2,500 pounds Coffee Sugar.  
1,500 pounds Cut Loaf Sugar.  
2,000 pounds Granulated Sugar.  
3,000 pounds Oolong Tea.  
3,000 gallons Syrup.  
100 bushels Beans.  
10 barrels prime quality Large Shore No. 2 Mackerel, 200 pounds net each.  
50 prime City Cured Smoked Hams, to average about 14 pounds each.  
2,524 dozen Fresh Eggs, all to be candled.  
20 dozen Canned Lima Beans.  
12 dozen Extract Lemon.  
12 dozen Extract Vanilla.  
16,000 pounds Brown Soap.  
625 barrels good sound Irish Potatoes, to weigh 168 pounds net per barrel.  
50 barrels prime Red Onions.  
100 barrels prime Carrots, 120 pounds net per barrel.  
100 barrels prime Russia Turnips, 135 pounds net per barrel.  
100 bales prime quality long bright Rye Straw, tare not to exceed three pounds. Weight charged as received at Blackwell's Island.  
300 bushels Oats, 32 pounds net per bushel.  
100 bags Bran, 50 pounds net each.  
48 dozen first quality Potash.

DRY GOODS.  
500 dozen Women's Stockings.  
500 dozen Men's Socks.  
60 dozen Boy's Socks.  
81 U. S. A. Overcoats.  
10 bolts Cotton Duck No. 10.  
100 Girls' Shawls.  
212 Toilet Quilts.

CROCKERY.  
5 gross Handled Mugs.  
3 gross Spit Cups.  
5 gross Bowls.

WOODENWARE.  
50 gross Matches.  
50 gross Clothes Pins.  
10 coils best quality Manila Rope, 9-thread.  
12 dozen Whitewash Brushes.  
500 feet Weather Strips.

IRON, BRICK AND PAINT.  
30 bundles best quality common Sheet-iron, No. 22.  
6,000 best quality N. R. Hard Brick.  
300 pounds best quality Patent Dryer 20 55, 75 25 50 15.  
1 barrel best quality common Glue.

LUMBER.  
5,000 feet first quality extra clear White Pine, 1 1/2 in. x 12 to 16 in. wide x 12 to 16 feet long, dressed one side.  
500 first quality Wall Strips, 2 x 4.  
52 pieces first quality extra clear White Pine, 1/2 in. x 3 in., dressed one side.  
300 feet first quality extra clear White Pine, 1/2 in., dressed both sides.  
1,000 feet first quality, clear, thoroughly seasoned Yellow Georgia Pine, cone or vertical grained, 1 1/4 in. x 3 1/2 in., tongued and grooved, dressed one side.  
200 feet first quality clear, thoroughly seasoned Chestnut Plank, 1 1/4 in. thick, dressed two sides.  
200 feet first quality clear, thoroughly seasoned Chestnut Plank, 1 1/4 in. thick, dressed two sides.



50 pieces first quality Merchantable White Pine, 1 1/2 in. x 10 in. x 13 feet, dressed, tongued and grooved.

—will be received at the Department of Public Charities and Correction, in the City of New York, until 9 o'clock A. M. of Friday, November 19, 1886. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Dry Goods, Woodenware and Lumber," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the ESTIMATED amount of the contract.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting.

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

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him, or his bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet as provided by law.

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

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

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

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

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

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

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 8, 1886.

HENRY H. PORTER, President,  
THOMAS S. BRENNAN, Commissioner,  
CHARLES E. SIMMONS, Commissioner,  
Public Charities and Correction.

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

## TO CONTRACTORS.

### PROPOSALS FOR POULTRY.

SEALED BIDS OR ESTIMATES FOR FURNISHING About 16,500 pounds of Poultry, for use on Thanksgiving Day.

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9 o'clock A. M. of Friday, the 19th day of November, 1886. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Poultry," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Head of said Department and read.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made on Wednesday, November 24, before 7 o'clock A. M.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, in the penal amount of fifty (50) per cent. of the estimated amount of the contract.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him, or his bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

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

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

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

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

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

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 8, 1886.  
HENRY H. PORTER, President,  
THOMAS S. BRENNAN, Commissioner,  
CHARLES E. SIMMONS, Commissioner,  
Public Charities and Correction.

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

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

At Morgue, Bellevue Hospital, from foot of Stanton street—Unknown man; aged about 35 years; 5 feet 7 1/2 inches high; dark brown hair; sandy moustache and imperial. Had on black diagonal coat, vest and pants, striped gingham shirt, gaiters.

Unknown man from off Barretto's Point, Long Island Sound; body in an advanced state of decomposition; 5 feet 10 inches high. Had on black diagonal overcoat, black diagonal coat, vest and pants, blue dotted calico shirt, white knit undershirt, laced shoes, white socks; on his person was found tax receipt signed by town clerk of Belfast, Maine.

At Workhouse, Blackwell's Island—James Hayes; aged 29 years. Committed October 5, 1886.

Henry Kauffman; aged 30 years. Committed October 19, 1886.

At Randall's Island Hospital—John Kessler; aged 67 years; 5 feet 7 inches high. Had on when admitted dark mixed coat, vest and pants.

John Tierman; aged 60 years; 5 feet 5 1/2 inches high. Had on when admitted gray coat and vest, black pants, white shirt.

At Branch Lunatic Asylum, Hart's Island—Maria Maurer; aged 35 years; 5 feet 1 1/4 inches high; brown eyes and hair.

Nothing known of their friends or relatives.

By order  
G. F. BRITTON,  
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, October 27, 1886.

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

At Morgue, Bellevue Hospital from Central Park—Unknown man; aged about 60 years; 5 feet 5 inches high; gray hair; blue eyes. Had on black coat, vest and pants, white shirt, white undershirt, blue check jumper, white cotton flannel drawers, gray knit drawers, brown woolen socks, laced shoes.

Unknown man from foot of Twenty-second street, North river—aged about 60 years; 5 feet 7 inches high; brown hair mixed with gray; brown throat whiskers. Had on chinchilla vest, dark pants, white shirt, red flannel shirt, white cotton flannel drawers, gray woolen socks, gaiters, brown astrachan cap, envelope marked John Driscoll, Flushing, L. I., care of C. F. Crawford, found on his person.

At Charity Hospital, Blackwell's Island—Olave Otfedel; aged 21 years; 5 feet 6 1/2 inches high; brown hair and eyes. Had on when admitted red dress, blue cloth ulster, brown hat.

At Homoeopathic Hospital, Ward's Island—Edward Meehan; aged 51 years; 5 feet 8 inches high; gray eyes and hair. Had on when admitted dark suit of clothes, congress gaiters, black hat.

At Branch Lunatic Asylum, Hart's Island—Margaret Marquis; aged 40 years; 5 feet 3 1/4 inches high; black eyes and hair.

Nothing known of their friends or relatives.

By order  
G. F. BRITTON,  
Secretary.

## DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
ROOM 6, NO. 31 CHAMBERS STREET,  
NEW YORK, November 3, 1886.

### TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M., Thursday, November 18, 1886, at which place and hour they will be publicly opened by the head of the Department and read, for

No. 1. SEWER IN ONE HUNDRED AND FORTY-THIRD STREET, between Seventh and Eighth avenues.

No. 2. SEWER IN MADISON AVENUE, between One Hundred and Seventeenth and One Hundred and Nineteenth streets.

No. 3. SEWER IN ONE HUNDRED AND FORTY-SECOND STREET, between Seventh and Eighth avenues.

No. 4. SEWER IN NINETY-SEVENTH STREET, between Ninth avenue and summit west of Ninth avenue.

No. 5. SEWERS IN LEXINGTON AVENUE, between Eighty-ninth and Ninety-first, and between Ninety-third and Ninety-fourth streets.

No. 6. SEWER IN NINETY-FIRST STREET, between Eighth and Ninth avenues.

No. 7. REGULATING AND GRADING NINETEENTH STREET, from the Boulevard to Riverside Drive, and SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

No. 8. REGULATING AND GRADING THE FIRST NEW AVENUE WEST OF EIGHTH AVENUE, from One Hundred and Forty-second to One Hundred and Forty-fifth street, and SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

No. 9. SETTING CURB-STONES AND FLAGGING SIDEWALKS IN MANHATTAN AVENUE, from One Hundred and Sixteenth to One Hundred and Twentieth street.

No. 10. FURNISHING CAST-IRON WATER-PIPES, BRANCH PIPES AND SPECIAL CASTINGS.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as a surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him, or his bid or proposal, or if he or they accept, but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

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

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

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

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

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

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, November 3, 1886.

DANIEL LORD, JR.,  
ALLAN CAMPBELL,  
JOSEPH GARRY,  
JOHN W. MARSHALL,  
Commissioners under the Act.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained, for Regulating and Grading, Room 5, for Sewers, Room 9, and for Water-pipes, Room 10, No. 31 Chambers street.

JOHN NEWTON,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, September 29, 1886.

### PUBLIC NOTICE.

PERSONS HAVING ANY BUSINESS IN THIS Department which is not assigned to or transacted by the several Bureaux in the Department, and which should come under the immediate notice of the Commissioner of Public Works, are requested to communicate directly in person, or by letter, with the Commissioner.

JOHN NEWTON,  
Commissioner of Public Works.

### AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONERS' OFFICE,  
STEWART BUILDING, No. 280 BROADWAY,  
NEW YORK, November 4, 1886.

### PUBLIC HEARING.

#### TO WHOM IT MAY CONCERN.

WHEREAS, In the progress of the work upon the New Croton Aqueduct, it has become apparent to the Aqueduct Commissioners that the best interests of the City requires that for the proper construction, future protection, and maintenance of the said Aqueduct the City should acquire the fee simple in certain additional parcels of land upon the line of said Aqueduct, in the County of Westchester, hereinafter described and shown upon the plans now on exhibition at this office, to wit:

All those certain parcels of land adjoining the lands heretofore acquired by this City for the said New Aqueduct at Shaft Site No. 8, in the town of Mount Pleasant, as the same are shown upon said plans and numbered respectively, 712 A, B, C, D, E, F, G, H, I, J, K, 715 1/2 and 718 1/2.

Also, all those certain parcels of land upon the line of said Aqueduct, at the Ravensdale road, in the town of Greenburgh, as the same are shown upon said plans, and designated Shaft Site No. 15 1/2, and numbered respectively, Parcels 299, 299 1/2, 299 1/2, 300 A, 300 1/2 and 300 3/4. Now, therefore, in accordance with the requirements of Chapter 490 of the Laws of 1883, of the State of New York, public notice is hereby given to all persons interested that a full opportunity will be afforded them to be heard in relation to the plans now under consideration by the Aqueduct Commissioners for the acquisition of the fee simple of the aforesaid lands; public hearing to be at the above-named office of the Aqueduct Commissioners, on Wednesday, the 10th day of November, 1886, at 2 o'clock P. M., and upon such other days thereafter to which said hearing may be adjourned.

By order of the Aqueduct Commissioners.  
JOHN C. SHEEHAN,  
Secretary.

### BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees of the Twenty-second Ward, at the Hall of the Board of Education, corner of Grand and Elm streets, until Monday, the 15th day of November, 1886, and until 4 o'clock P. M., on said day, for the Removal of Earth, Rock, etc., and for Grading the School Site on the northeast corner of Tenth avenue and Seventy-seventh street.

Plans and specifications may be seen, and blanks for proposals and all necessary information may be obtained, at the office of the Superintendent of School Buildings, No. 146 Grand, corner of Elm street, third floor.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name, place of residence, and place of business on said proposal. Two responsible and approved sureties, residents of this city, are required in all cases.

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

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

JAMES R. CUMING,  
J. SEAVER PAGE,  
GEO. H. ROBINSON,  
RICHARD S. TREACY,  
HENRY A. ROGERS,  
Board of School Trustees, Twenty-second Ward.

Dated New York, November 1, 1885.

### JURORS.

#### NOTICE

IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,  
ROOM 127, STEWART BUILDING,  
CHAMBERS STREET AND BROADWAY,  
NEW YORK, June 1, 1885.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 10 to 3 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only) under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc. etc. No attention paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines if unpaid will be entered as judgments upon the property of the delinquents.

All good citizens will aid the course of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States and District Court jurors are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

CHARLES REILLY,  
Commissioner of Jurors.

### ASSESSMENT COMMISSION.

NOTICE IS HEREBY GIVEN, THAT A MEETING of the Commissioners under the act, chapter 550 of the Laws of 1880, entitled "An act relating to certain assessments for local improvements in the City of New York," passed June 9, 1880, will be held at their office, No. 280 Broadway (Stewart Building), on Tuesday, November 9, 1886, at 2 o'clock, P. M.

DANIEL LORD, JR.,  
ALLAN CAMPBELL,  
JOSEPH GARRY,  
JOHN W. MARSHALL,  
Commissioners under the Act.

JAMES J. MARTIN, Clerk.



## FIRE DEPARTMENT.

HEADQUARTERS  
FIRE DEPARTMENT, CITY OF NEW YORK,  
155 AND 157 MERCER STREET,  
NEW YORK, November 4, 1886.

## TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING THE** materials and labor, and doing the work required for constructing and erecting additional fire-alarm telegraph apparatus, etc., etc., will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 11 o'clock A. M., Wednesday, November 17, 1886, at which time and place they will be publicly opened by the head of said Department and read.

Each bidder must submit three distinct proposals, as follows:

*First*—For furnishing all the materials and doing all the work as required by the specifications and drawings.

*Second*—For furnishing all the materials and doing all the work as required by the specifications and drawings, except the 100 miles of line wire of various kinds and sizes.

*Third*—For furnishing all the materials and doing all the work as required by the specifications and drawings, except the 100 miles of line wire of various kinds and sizes, and substituting 200,000 feet of wires in cables for 300,000 feet, and laying the same.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings which form part of these proposals.

The form of the agreement with specifications and drawings, showing the manner of payment for the work may be seen and forms of proposals may be obtained at the office of the Department.

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

The work is to be completed and delivered within ninety (90) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty (20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of fifteen thousand dollars (\$15,000); and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities, as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of seven hundred and fifty dollars (\$750). Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and re-let as provided by law.

HENRY D. PURROY,  
RICHARD CROKER,  
EDWARD SMITH,  
Fire Commissioners.

HEADQUARTERS  
FIRE DEPARTMENT, CITY OF NEW YORK,  
155 & 157 MERCER STREET,  
NEW YORK, May 12, 1885.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Commissioners of this Department will meet daily, at 10 o'clock A. M., for the transaction of business.

By order of  
HENRY D. PURROY, President.  
RICHARD CROKER,  
EDWARD SMITH,  
Commissioners.

CARL JUSSEN,  
Secretary.

## DEPARTMENT OF PUBLIC PARKS.

DEPARTMENT OF PUBLIC PARKS,  
Nos. 49 and 51 CHAMBERS STREET,  
NEW YORK, October 28, 1886.

## TO CONTRACTORS.

**SEALED BIDS OR ESTIMATES FOR EACH OF** the following-mentioned works, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received by the Department of Public Parks, at its offices Nos. 49 and 51 Chambers street, until 11 o'clock A. M., on Wednesday, November 10, 1886.

NO. 1. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN WESTCHESTER AVENUE, FROM ST. ANN'S AVENUE TO TRINITY AVENUE.

NO. 2. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN EAST ONE HUNDRED AND THIRTY-FIFTH STREET, FROM THE SUMMIT EAST OF WILLIS AVENUE TO THE EAST LINE OF BROWN PLACE.

Special notice is given that the works must be bid for separately, that is, both works must not be included in the same estimate or envelope.

The nature and extent of each of the works, as near as it is possible to state them, in advance, is as follows:

## NO. 1.—ABOVE MENTIONED.

270 linear feet of 18-inch pipe sewer, including concrete cradle, and exclusive of spurs for house connections  
300 linear feet of 15-inch pipe sewer, including concrete cradle, and exclusive of spurs for house connections.

420 linear feet of 12-inch pipe sewer, including concrete cradle, and exclusive of spurs for house connections.

103 spurs for house connections, over and above the cost per foot of sewer.

10 manholes complete.

2 receiving-basins complete.

1,000 cubic yards of rock to be excavated and removed

10 cubic yards of concrete in place, exclusive of concrete cradle for pipe sewers.

1,000 feet (B. M.) of lumber furnished and laid.

In addition to the above quantities of work to be done, if sheet piling is required and ordered by the Engineer to be left in the trench, it will be measured and paid for at ONE-HALF of the price bid for lumber. (See section 13 (b) of the annexed Specifications.) Also the time required for the completion of the whole work, which will be tested at the rate of \$4 per day.

## NO. 2.—ABOVE MENTIONED.

690 linear feet of 12-inch pipe sewer, including concrete foundation and cradle, exclusive of spurs for house connections.

96 spurs for house connections.

7 manholes complete.

1 receiving-basin complete.

1,100 cubic yards of rock to be excavated and removed.

1,000 feet (B. M.) of lumber furnished and laid.

In addition to the above quantities of work to be done, if sheet piling is required and ordered by the Engineer to be left in the trench, it will be measured and paid for at ONE-HALF of the price bid for lumber. (See section 13 (b) of the annexed Specifications.)

Also, the time required for the completion of the whole work, which will be tested at the rate of \$4 per day. As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received.

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

2. Bidders will be required to complete the entire work to the satisfaction of the Department of Public Parks and in substantial accordance with the specifications for the work and the plans therein referred to. No extra compensation beyond the amount payable for the several classes of work before enumerated, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The person making any bid or estimate must furnish the same inclosed in a sealed envelope, to the head of said Department at his office, on or before the day and hour above mentioned.

The envelope must be endorsed with the name or names of the person presenting the same, the date of its presentation, and a statement of the work to which it relates.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith, and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National or State banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract, or check or

money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

N. B.—The prices must be written in the estimate, and also stated in figures, and all estimates will be considered as informal which do not contain bids stating one price or sum for each of the several works for which bids are herein called or which contain bids for work for which bids are not herewith called for. 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.

The amount in which security will be required for the performance of the several contracts is as follows:

For No. 1 above mentioned.....\$4,000 00

For No. 2 " ".....3,000 00

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the city so to do, and to re-advertise until satisfactory bids or proposals shall be received. But the contracts when awarded will in each case be awarded to the lowest bidder.

Blank forms for proposals and forms of the contracts which the successful bidders will be required to execute, can be had at the office of the Secretary, and the plans can be seen and information relative to them can be had at the office of the Department, Nos. 49 and 51 Chambers street.

HENRY R. BEEKMAN,  
JOHN D. CRIMMINS,  
JESSE W. POWERS,  
M. C. D. BORDEN,  
Commissioners of the Department of Public Parks.

## FINANCE DEPARTMENT.

FINANCE DEPARTMENT,  
BUREAU FOR THE COLLECTION OF TAXES,  
No. 32 CHAMBERS STREET,  
NEW YORK, November 1, 1886.

## NOTICE TO TAXPAYERS.

**NOTICE IS HEREBY GIVEN BY THE** Receiver of Taxes of the City of New York to all persons whose taxes for the year 1886 remain unpaid on the first day of November of said year that unless the same shall be paid to him at his office on or before the first day of December of said year he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to the amount of such taxes, one per centum on the amount thereof; and charge, receive and collect upon such taxes so remaining unpaid on the first day of January thereafter interest upon the amount thereof at the rate of seven per centum per annum, to be calculated from October 4, 1886, the day on which the assessment rolls and warrants therefor were delivered to the said Receiver of Taxes, to the date of payment, as provided by sections 843, 844 and 845 of the New York City Consolidation Act of 1882.

GEORGE W. McLEAN,  
Receiver of Taxes.

FINANCE DEPARTMENT,  
BUREAU FOR THE COLLECTION OF TAXES,  
No. 32 CHAMBERS STREET,  
NEW YORK, Oct. 4, 1886.

## NOTICE TO TAXPAYERS.

**NOTICE IS HEREBY GIVEN THAT THE AS-**essment Rolls of Real Estate, Personal Property and Bank Stock in the City and County of New York for the year 1886, and the warrants for the collection of taxes have been delivered to the undersigned, and that the taxes on said Assessment Rolls are now due and payable at this office.

In case of payment on or before the first day of November next, the person so paying shall be entitled to the benefits mentioned in section 842 of the New York City Consolidation Act of 1882, viz., a reduction of interest at the rate of six per cent. per annum between the day of such payment and the first day of December next.

GEORGE W. McLEAN,  
Receiver of Taxes.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS  
AND OF WATER RENTS,  
OFFICE OF THE COLLECTOR OF ASSESSMENTS  
AND CLERK OF ARREARS,  
STEWART BUILDING, ROOM 35, August 16, 1886.

**NOTICE OF THE SALE OF LANDS AND TENEMENTS** for unpaid taxes of 1880, 1881 and 1882, and Croton water rents of 1879, 1880 and 1881, under the direction of Edward V. Loew, Comptroller of the City of New York.

The undersigned hereby gives public notice, pursuant to the provisions of section 926 of the New York City Consolidation Act of 1882,

That the respective owners of all lands and tenements situated in the Wards Nos. 1 to 24, inclusive, in the City of New York, on which taxes have been laid and confirmed for the years 1880, 1881 and 1882, and are now remaining due and unpaid; and also the respective owners of all lands and tenements in the City of New York, situated in the Wards aforesaid, on which the regular Croton water rents have been laid for the years 1879, 1880 and 1881, and are now remaining due and unpaid, are required to pay the said taxes and Croton water rents so remaining due and unpaid, with the interest thereon at the rate of seven per cent. per annum, from the time when the same became due to the time of payment, together with the charges of this notice and advertisement, to the Collector of Assessments and Clerk of Arrears at his office in the Finance Department, in the Stewart Building, corner of Broadway and Chambers street, in said city.

And that if default shall be made in such payment, such lands and tenements will be sold at public auction, at the Court-house in the City Hall Park, in the City of New York, on Monday, December 6, 1886, at 12 o'clock, noon, for the lowest term of years at which any person shall offer to take the same in consideration of advancing the amount of tax or Croton water rent, as the case may be, so due and unpaid, and the interest thereon, as aforesaid, to the time of sale, together with the charges of this notice and advertisement, and all other costs and charges accrued thereon, and that such sale will be continued from time to time until all the lands and tenements so advertised for sale shall be sold.

Notice is hereby further given that a detailed statement of the taxes and the Croton water rent, the ownership of the property on which taxes and Croton water rents remain unpaid, is published in a pamphlet, and that copies of the said pamphlet are deposited in the office of the Collector of Assessments and Clerk of Arrears, and will be delivered to any person applying for the same.

A. S. CADY,  
Collector of Assessments and Clerk of Arrears.

## REAL ESTATE RECORDS.

**THE ATTENTION OF LAWYERS, REAL** Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1857, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriff's sales, in 61 volumes, full bound, price.....\$100 00

The same in 25 volumes, half bound.....50 00

Complete sets, folded, ready for binding.....15 00

Records of Judgments, 25 volumes, bound.....10 00

Orders should be addressed to "Mr. Stephen Angell Room 23, Stewart Building."

EDWARD V. LOEW,  
Comptroller.

## DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,  
PIER "A,"  
FOOT OF BATTERY PLACE, NORTH RIVER,

## TO CONTRACTORS.

(No. 230.)

**PROPOSALS FOR ESTIMATES FOR FURNISH-**ING GRANITE STONES FOR BULKHEAD OR RIVER WALL.

**ESTIMATES FOR FURNISHING THIS MATE-**rial will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, Pier A, foot of Battery Place, North river, in the City of New York, until 12 o'clock M. of

TUESDAY, NOVEMBER 9, 1886,

at which time and place the bids will be publicly opened by the head of said Department and read. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

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

The Engineer's estimate of the work to be done is as follows:

To be furnished, cut in accordance with specifications, 2,020 pieces of granite, consisting of  
(1.) 1470 Headers and 550 Stretchers

For further particulars see the drawings referred to in the specifications forming part of the contract.

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

1st. Bidders must satisfy themselves, by personal examination of similar stones now owned by the Department of Docks, and of the plans, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of their estimates, dispute or complain of such Engineer's estimate or statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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

The contract is to be fully completed on or before the day of 1886.

On or before the day of 1886, about 2,000 cubic feet of Headers and Stretchers, and an additional amount of about 2,000 cubic feet of Headers and Stretchers on or before the day of each month following, up to and including the day of 1886, and an additional amount of about 4,700 cubic feet of Headers and Stretchers on or before the twentieth day of each month following up to and including 1886, at which date the whole amount of granite called for in this contract is to be delivered. The amounts to be divided between the several classes, as ordered by the Engineer-in-Chief, are to be completed and delivered in accordance with the terms of the contract. The damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled, after the respective times specified for the fulfillment thereof may have expired, Sundays and holidays not to be excepted, are, by a clause in the contract fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates the price per cubic foot for the stones to be furnished. By that price the bids will be tested. This price is to cover the expenses of furnishing all the necessary materials and labor and the performance of all the work set forth in the approved form of contract and the specifications therein contained, including any claim that may arise through delay, from any cause, in the receiving of the material by the Department of Docks.

Bidders will distinctly write out in their bids, both in figures and in words, the amount of their estimates for doing this work.

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

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

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation any difference between the sum to which said person or persons would be entitled on 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, over and above all his debts of every nature, and over and above his liabilities, as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by section 6 of chapter 574 of the Laws of 1871, and by section 27 of chapter VIII, of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York, after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be 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 box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned by the Comptroller to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him by the Comptroller.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

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

The right to decline all the estimates is reserved, if deemed for the interest of the Corporation.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

L. J. N. STARK,  
JOSEPH KOCH,  
JAMES MATTHEWS,

Commissioners of the Department of Docks.

Dated New York, October 26, 1886.

#### 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 2262, No. 1. Paving the roadway of Lincoln avenue, from the Southern Boulevard to North Third avenue.

List 2271, No. 2. Sewer and appurtenances in One Hundred and Thirty-ninth street, from the summit between Willis and Alexander avenues to Brook avenue.

List 2277, No. 3. Paving Ninety-third street, from Second avenue to Avenue A, excepting between First and Second avenues.

List 2278, No. 4. Sewer in One Hundred and Forty-first street, between Boulevard and Diagonal avenue.

List 2282, No. 5. Regulating, grading, setting curb and flagging Sixty-fourth street, from First avenue to the East river.

List 2284, No. 6. Sewer in Second avenue, west side, between Sixty-sixth and Sixty-seventh streets, and in Sixty-seventh street, between Second and Third avenues.

List 2285, No. 7. Sewer in One Hundred and Forty-sixth street, between Avenue St. Nicholas and Tenth avenue.

List 2287, No. 8. Paving Eighty-ninth street, from First avenue to Avenue A.

List 2294, No. 9. Paving Seventieth street, from Avenue A to a line 650 feet easterly.

List 2296, No. 10. Paving One Hundred and Fifty-third street, from Tenth avenue to Avenue St. Nicholas. 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 Lincoln avenue, from the Southern Boulevard to North Third avenue, and to the extent of half the block at the intersecting streets and avenues.

No. 2. Both sides of One Hundred and Thirty-ninth street, from Brook avenue to a point 231 feet 6 inches west of Willis avenue, and both sides of Willis avenue, from One Hundred and Thirty-eighth to One Hundred and Thirty-ninth street.

No. 3. Both sides of Ninety-third street, from First avenue to Avenue A, and to the extent of one half the block at the intersecting avenues.

No. 4. Both sides of One Hundred and Forty-first street, from Boulevard to Diagonal avenue.

No. 5. Both sides of Sixty-fourth street, from First avenue to the East river.

No. 6. Blocks bounded by Sixty-sixth and Sixty-eighth streets, Second and Third avenues.

No. 7. Both sides of One Hundred and Forty-sixth street, between Avenue St. Nicholas and Tenth avenue, and extending 100 feet north and south of One Hundred and Forty-sixth street on the east side of Tenth avenue.

No. 8. Both sides of Eighty-ninth street, from First avenue to Avenue A, and to the extent of half the block at the intersecting avenues.

No. 9. Both sides of Seventieth street, from Avenue A to the East river, and to the extent of half the block at the intersection of Avenue A.

No. 10. Both sides of One Hundred and Fifty-third street, from Tenth avenue to Avenue St. Nicholas, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 27th day of November, 1886.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
VAN BRUGH LIVINGSTON,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 11½ CITY HALL,  
NEW YORK, October 26, 1886.

**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 2245, No. 1. Regulating, grading, setting curbstones and flagging Morris avenue, from One Hundred and Thirty-eighth to One Hundred and Fifty-sixth street.

List 2246, No. 2. Laying crosswalks in Morris avenue, between North Third avenue and Railroad avenue.

List 2298, No. 3. Laying an additional course of flagging, 4 feet wide, on the sidewalks of Sixth avenue, from One Hundred and Twenty-fifth to One Hundred and Forty-fifth street.

List 2322, No. 4. Regulating, grading, setting curb-

stones and flagging in One Hundred and Twenty-sixth street, from Tenth avenue to the Public Drive.

List 2265, No. 5. Paving with trap blocks, One Hundred and Forty-third street, from Alexander to Brook avenue.

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

No. 1. Both sides of Morris avenue, from One Hundred and Thirty-eighth to One Hundred and Fifty-sixth street, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of Morris avenue, between North Third avenue and Railroad avenue, and to the extent of half the block at the intersecting streets and avenues.

No. 3. Both sides of Sixth avenue, from One Hundred and Twenty-fifth to One Hundred and Forty-fifth street, and to the extent of half the block at the intersecting streets.

No. 4. Both sides of One Hundred and Twenty-sixth street, from Tenth avenue to the Public Drive, and to the extent of half the block at the intersecting avenues.

No. 5. Both sides of One Hundred and Forty-third street, from Alexander to Brook avenue, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 22d day of November, 1886.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
VAN BRUGH LIVINGSTON,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 11½ CITY HALL,  
NEW YORK, October 20, 1886.

**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 assessment is completed and is lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 2153, No. 1. Outlet sewer in One Hundred and Fifty-eighth street to and through Road or Public Drive and One Hundred and Fifty-seventh street to Tenth avenue, with branches in Tenth avenue, between One Hundred and Fifty-fifth street and Kingsbridge road; in Road or Public Drive and Eleventh avenue (east side), between One Hundred and Fifty-sixth and One Hundred and Fifty-seventh streets, and in One Hundred and Fifty-sixth street, between Tenth avenue and Road or Public Drive.

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

Blocks bounded by One Hundred and Fifty-fifth and One Hundred and Sixty-fifth streets, Avenue St. Nicholas and Hudson river.

All persons whose interests are affected by the above-named assessment, 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. 11½ City Hall, within thirty days from the date of this notice.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 18th day of November, 1886.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
VAN BRUGH LIVINGSTON,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 11½ CITY HALL,  
NEW YORK, October 18, 1886.

#### POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK.

**EIGHTH AUCTION SALE OF UNCLAIMED** property, including Police and Cartage property, on Wednesday, November 10, 1886, at Police Headquarters, No. 300 Mulberry street, at 10 A. M. John F. Harriot, Property Clerk. Van Tassel & Kearney, auctioneers.

Terms cash. No goods warranted. Goods not called for in three days will be forfeited.

JOHN F. HARRIOT,  
Property Clerk.

POLICE DEPARTMENT—CITY OF NEW YORK,  
OFFICE OF THE PROPERTY CLERK (Room No. 9),  
No. 300 MULBERRY STREET,  
NEW YORK 1886.

**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: Boots, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.

JOHN F. HARRIOT,  
Property Clerk.

#### SUPREME COURT.

##### NEW AQUEDUCT.

##### 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 18th day of December, 1886, at 12 o'clock noon.

The object of such application is to obtain an order of Court appointing three disinterested and competent freeholders, all of whom shall reside in the County of New York, as Commissioners of Appraisal to ascertain and appraise the compensation to be made to the owners and all persons interested in the real estate hereinafter described, as proposed to be taken or affected for the purposes indicated in chapter 490 of the Laws of 1883.

The real estate sought to be taken or affected as aforesaid is located in the City and County of New York, and is laid out and indicated on maps filed in the office of the Register of the City and County of New York, as follows:

##### FIRST

Upon a map filed in said Register's office, on the 14th day of June, 1886, and bearing the following certificate, to wit:

We, the Commissioners appointed to carry out the provisions of chapter 490 of the Laws of 1883, do hereby certify that this is one of six similar maps, prepared in accordance with the requirements of section 4 of said act, and do further certify that the same has been adopted by us in the manner prescribed in such section, this 5th day of May, 1886.

ROLLIN M. SQUIRE,  
Commissioner of Pub. Works,  
JAMES C. SPENCER,  
WILLIAM DOWD,  
C. C. BALDWIN,

And of which the following is a statement of the external boundaries, by courses and distances, within which are included all real estate and easements required for the construction of a gate-house of the New

Aqueduct, at One Hundred and Thirty-fifth street and Convent avenue, in the City and County of New York.

All those pieces or parcels of land in the Twelfth Ward of the City of New York, forming parts of Blocks Nos. 1060 and 1061 of said Ward, which are included within the following boundaries:

Beginning at the point of intersection of the westerly line of Convent avenue with the southerly line of One Hundred and Thirty-fifth street, which point is the northeasterly corner of Lot No. 296 of Block 1061; thence (1) running westerly along the southerly line of One Hundred and Thirty-fifth street to the northwesterly corner of Lot No. 299 of Block 1061, a distance of 214.50 feet; thence (2) running southwesterly at a right angle to the said southerly line of One Hundred and Thirty-fifth street and parallel with the easterly line of Tenth avenue, 25 feet to the southeasterly corner of Lot No. 302 of Block 1061; thence (3) running westerly parallel to said southerly line of One Hundred and Thirty-fifth street along the southerly line of said Lot No. 302, a distance of 25 feet; thence (4) at a right angle to the said southerly line of One Hundred and Thirty-fifth street and parallel to the easterly line of Tenth avenue 25 feet across Lot No. 301 of Block 1061 to the northerly line of Lot No. 300 of said Block 1061; thence (5) westerly along the northerly line of said Lot No. 300 and parallel with said southerly line of One Hundred and Thirty-fifth street, 75 feet to the easterly line of Tenth avenue; thence (6) southerly along the said easterly line of Tenth avenue 22 feet to the lands of the City of New York; thence (7) easterly along said lands of said city and at a right angle with the easterly line of Tenth avenue 50 feet; thence (8) southerly along the easterly line of said lands of said city and parallel with the easterly line of Tenth avenue 27.50 feet; thence (9) easterly at a right angle with the easterly line of Tenth avenue and parallel with the southerly line of One Hundred and Thirty-fifth street and along the northerly line of Lot No. 292 of Block 1061 on a course of south 51° 40' 41" east 125 feet to the southeasterly corner of Lot No. 297 of said Block 1061; thence (10) upon a course of south 15° 53' 42" west across Lots Nos. 292 and 291 a distance of 65.50 feet to a point on Lot 290, which point is distant at a right angle 200 feet from the easterly line of Tenth avenue; thence (11) upon a course of south 38° 19' 19" west and parallel to the easterly line of Tenth avenue across Lots Nos. 290, 289, 288, 287 and 286 of Block 1061, and Lot No. 285 of Block 1060, a distance of 148.75 feet to the westerly line of Convent avenue upon Lot No. 284 of Block 1060; thence (12) northerly on a curve to the right along said westerly line of Convent avenue 183.50 feet to a point on said westerly line upon Lot No. 291 of Block 1061; thence (13) still along said westerly line 150.50 feet to the place of beginning, including within said boundaries all of Lots Nos. 293, 294, 295, 296, 297, 298, 299 and 300 of Block 1061; also the easterly ends of Lots Nos. 301, 292, 291, 290, 289, 288, 287 and 286 of said Block 1061; also the easterly end of Lot No. 285 and a part of the easterly end of Lot No. 284 of Block 1060.

All of which lands are to be taken in fee simple.

##### SECOND.

Upon a map filed in the office of the said Register on the 2d day of October, 1886, and bearing the following certificate, to wit:

We, the Commissioners appointed to carry out the provisions of chapter 490 of the Laws of 1883, do hereby certify that this is one of the six similar maps prepared in accordance with the provisions of said act for amending proceedings, and including other property, in the manner shown and described upon the plan adopted by us on the 21st day of July, 1886, as follows:

##### FINAL PLAN SHEET No. 5 B.

##### THE AQUEDUCT COMMISSION.

For the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, we, the Commissioners appointed to carry out the provisions of said chapter of said Laws, do hereby approve and adopt this plan for the construction of a New Aqueduct upon that portion of the line adopted and filed by us on the 9th day of April, 1884, which runs through the proposed new avenue in the Twelfth Ward of this city known as "Convent avenue," and lying between the northerly boundary line of the parcel of land designated upon the property maps filed in the office of the Register of the City and County of New York, on the 28th day of August, 1885, as "Parcel No. 7," and the southerly side of One Hundred and Forty-fifth street; this modified plan being for the acquisition of the fee simple in the above described lands forming that part of said avenue; and we direct this plan to be filed as "Final Plan Sheet No. 5 B."

And we do further certify that said six similar maps have been adopted by us in the manner prescribed in said act, this 21st day of July, 1886.

JAMES C. SPENCER,  
WILLIAM DOWD,  
C. C. BALDWIN,  
OLIVER W. BARNES,  
E. L. RIDGWAY,  
HAMILTON FISH, JR.,  
ROLLIN M. SQUIRE,  
Commissioner of Pub. Works.

Commissioners.

And upon which is shown all those parcels of land which are bounded and described as follows:

Beginning at a point upon the westerly line of the proposed extension of Convent avenue, as the same is shown upon the said map filed in the office of the Register of the City and County of New York, on the 28th day of August, 1885, which point is distant 13 feet 6½ inches southerly from the northerly line of One Hundred and Thirty-seventh street, and running thence (1) along said westerly line of said avenue north 38° 19' east 2,032 feet 2½ inches to the southerly line of One Hundred and Forty-fifth street; thence (2) along said southerly line of said street south 51° 41' east 75 feet to the easterly line of said Convent avenue; thence (3) along said easterly line of said avenue south 38° 19' west 2,055 feet 3½ inches to a point on said easterly line which is distant 36 feet 7½ inches from the aforesaid northerly line of One Hundred and Thirty-seventh street produced easterly; thence (4) north 34° 34' 43" west 78.50 feet to the place of beginning, and containing 3.3800 acres, more or less, and designated Parcel No. 81.

All of which lands are to be taken in fee simple.

##### THIRD.

Upon a map filed in the office of the said Register, on the 10th day of October, 1886, and bearing the following certificate, to wit:

We, the undersigned Commissioners, appointed to carry out the provisions of chapter 490 of the Laws of 1883, do hereby certify that this is one of the six similar maps prepared in accordance with the provisions of said act, for amending proceedings and including other property in the manner shown and described upon the plan adopted by us on the 6th day of October, 1886, as follows:

##### FINAL PLAN SHEET No. 5 C.

##### THE AQUEDUCT COMMISSION.

For the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, we, the Commissioners appointed to carry out the provisions of said chapter of said Laws, do hereby approve and adopt this plan for the construction of a New Aqueduct upon the lines adopted and filed by us on the 9th day of April, 1884; said plan being for the acquisition, in fee simple, of the following additional parcels of land for the construction of said Aqueduct, its appurtenances and connections, in the Twelfth Ward of this city, to wit:

All those parcels of land in the Twelfth Ward of the City of New York which are known and described by their ward and block numbers, as follows:  
Lots Nos. 15, 16, 17, 48, 49 and 50, of Block 1072.  
Lots Nos. 15, 16, 17, 48, 49 and 50, of Block 1073.  
Lots Nos. 15, 16, 17, 48, 49 and 50, of Block 1074.  
Lots Nos. 15, 16, 17, 47, 48 and 49, of Block 1075.  
Lots Nos. 15, 16, 17, 47, 48 and 49, of Block 1076.  
Lots Nos. 15, 16, 17, 49, 50, 51, 52 and 53, of Block 1077.  
Lots Nos. 4, 5, 6, 7, 8, 9, 10, 11, 12, 63, 64, 65, 66 and 67, of Block 1078.

Also all that part of Lot No. 3 of Block 1078 which is designated "Parcel No. 20" upon the property map filed in the office of the Register of the City and County of New York, on the 28th day of August, 1885.

Also all that parcel of land forming part of One Hundred and Forty-eighth street, between Tenth avenue and St. Nicholas avenue, which is designated on the aforesaid property map as "Parcel No. 51."

And we direct this Plan to be filed as "Final Plan Sheet No. 5 C."

And we do further certify that said six similar maps have been adopted by us in the manner prescribed in said act, this 13th day of October, 1886.

JAMES C. SPENCER,  
WILLIAM DOWD,  
HAMILTON FISH, JR.,  
C. C. BALDWIN,  
OLIVER W. BARNES,  
E. L. RIDGWAY,  
JOHN NEWTON,  
Commissioner of Pub. Works.

Commissioners.

All of which lands are to be taken in fee simple.

##### FOURTH.

Upon a map filed in the office of said Register, on the 2d day of October, 1886, and bearing the following certificate, to wit:

We, the undersigned Commissioners, appointed to carry out the provisions of chapter 490 of the Laws of 1883, do hereby certify that this is one of the six similar maps prepared in accordance with the provisions of said act for amending proceedings and including other property in the manner shown and described upon the plan adopted by us on the 21st day of July, 1886, as follows:

##### FINAL PLAN SHEET No. 5 A.

##### THE AQUEDUCT COMMISSION.

For the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, we, the Commissioners appointed to carry out the provisions of said chapter of said Laws, do hereby approve and adopt this plan for the construction of a New Aqueduct upon the lines adopted and filed by us on the 9th day of April, 1884; said plan being for the acquisition, in fee simple, of the following additional parcels of land for the construction of said Aqueduct, its appurtenances and connections in the Twelfth Ward of this city, to wit: All those parcels of land between the land designated upon the property maps, filed in the office of the Register of the City and County of New York, on the 28th day of August, 1885, as "Parcel No. 6," and the lands of the City of New York at the Highbridge Reservoir; said additional parcels being designated hereon "Parcels Nos. 71, 72, 73, 74, 75, 76, 77"; also for the acquisition, in fee, of those parcels of land upon the easterly side of the Tenth avenue, on the line of One Hundred and Seventy-sixth street, which are designated hereon as "Parcels Nos. 78, 79, 80," and we direct this plan to be filed as "Final Plan Sheet No. 5 A."

And we do further certify that said six similar maps have been adopted by us in the manner prescribed in said act, this 21st day of July, 1886.

JAMES C. SPENCER,  
WM. DOWD,  
ROLLIN M. SQUIRE,  
Commissioner of Pub. Works,  
HAMILTON FISH, JR.,  
C. C. BALDWIN,  
OLIVER W. BARNES,  
E. L. RIDGWAY,

Aqueduct Commissioners.

And upon which map are shown the following parcels of land:

Beginning at the point of intersection of the easterly line of Tenth avenue, near One Hundred and Seventy-eighth street, with the southerly line of the parcel of land No. 6, as the same is shown upon the map filed in the office of the Register of the City and County of New York, on the 28th day of August, 1885, and running thence (1) along said southerly line of said Parcel No. 6 south 56° 30' east 652.50 feet; thence (2) south 35° 32' 30" west 215.50 feet; thence (3) north 51° 40' 45" west 110.50 feet; thence (4) south 38° 19' 15" west 762.50 feet; thence (5) south 51° 40' 45" east 198.50 feet; thence (6) south 24° 54' 23" west 320.50 feet to the northerly line of the Highbridge Reservoir lands of the City of New York; thence (7) along said northerly line of said lands north 73° 54' 45" west 242.50 feet; thence (8) north 38° 19' 15" east 155.50 feet; thence (9) north 21° 37' 18" east 261 feet; thence (10) north 38° 19' 15" east 762.50 feet; thence (11) north 51° 40' 45" west 525 feet; thence (12) along said easterly line of Tenth avenue north 38° 19' 15" east 160 feet to the place of beginning, containing 220.256 square feet of land, more or less, and including Parcels Nos. 71, 72, 73, 74, 75, 76 and 77.

Also all those parcels of land bounded and described as follows:

Beginning at a point on the easterly line of Tenth avenue, which point is distant northerly 199.50 feet from the northerly line of One Hundred and Seventy-fifth street, and running thence (1) south 51° 40' 45" east 138.50 feet; thence (2) north 47° 48' 21" east 35.50 feet; thence (3) north 38° 19' 15" east 75 feet; thence (4) north 51° 40' 45" west 144 feet to the aforesaid easterly line of Tenth avenue; thence (5) along said easterly line south 38° 19' 15" west 110 feet to the place of beginning, containing 15,738 square feet, and including Parcels Nos. 78, 79 and 80. All of which parcels of land are to be taken in fee simple.

Dated New York, November 5, 1886.

E. HENRY LACOMBE,

Counsel to the Corporation.