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DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending June 30, 1877.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, July, 1877.

Hon. SMITH ELY, Jr., Mayor :

SIR—Pursuant to section 27 of the Charter, I have the honor to submit herewith my report of the transactions of the Department of Public Works for the quarter ending June 30, 1877.

The details of the expenditures of the Department and the condition of its appropriations and funds are shown in the financial statements "A" and "B," and the reports of the several Bureaux, hereto annexed, give an account of their respective operations.

SUMMARY OF EXPENDITURES.

On account of appropriations raised by taxation.....	\$404,863 96
On account of Assessment Fund, for street improvements.....	228,969 33
On account of Funded Debt, for improvement and extension of water supply.....	164,781 08
Total.....	\$798,614 37

EXPENDITURES FOR THE CORRESPONDING QUARTERS OF 1874, 1875, AND 1876.

Second quarter, 1874.....	\$1,815,339 81
Second quarter, 1875.....	1,316,484 95
Second quarter, 1876.....	1,392,597 61
Second quarter, 1877 (as above).....	798,614 37

EXPENDITURES FOR THE FIRST SIX MONTHS OF 1874, 1875, 1876, AND 1877.

Six months ending June 30, 1874.....	\$3,612,064 74
Six months ending June 30, 1875.....	2,461,362 34
Six months ending June 30, 1876.....	2,280,682 44
Six months ending June 30, 1877.....	1,321,313 82

The reduction of expenditures for the past six months, as compared with the corresponding period of 1874, is.....	\$2,290,750 92
The reduction of expenditures for the past six months, as compared with the corresponding period of 1875, is.....	1,140,048 52
The reduction of expenditures for the past six months, as compared with the corresponding period of 1876, is.....	959,368 62

CROTON WATER SUPPLY.

Good progress has been made on the new Storage Reservoir in the town of South East, in Putnam County, since the work was resumed in the first week of April last, and at the present rate of progress the work will be so far completed by December next that the water can be let into the Reservoir, provided no legal difficulty is encountered in procuring title to the necessary lands.

During the quarter the natural flow of the Croton river was sufficient to fill the Aqueduct, except for three days in May and eighteen days in June, when drafts had to be made on the stored water.

The water in the Storage Reservoir, at Boyd's Corners, is within 5½ inches of the overflow, and most of the natural lakes and ponds from which water was drawn last year are quite or nearly up to high water-mark.

The rain-fall at Boyd's Corners was, in April, 2 35-100 inches; in May, 85-100 inches; in June, 4 95-100 inches, making a total for the quarter, of 8 15-100 inches. During the corresponding quarter of last year the rain-fall was 10 94-100 inches.

In the emergency caused by the drought of last year the Department had to make temporary arrangements with the owners of outlets of several lakes and ponds for the right to do the work necessary for drawing off the water. Suits have also been brought against the city from time to time for damages alleged to have been sustained by residents and owners about the lakes and ponds, in consequence of the raising and lowering of the water, and although these suits have virtually been decided in favor of the city, they have been the cause of some trouble and annoyance. To obviate this, and secure the use of these waters to the city for all future time, the last Legislature passed an act, chapter 445, Laws of 1877, approved June 15, to perfect and perpetuate the right and title of the city to property, water, water rights and privileges heretofore taken or used, or that may hereafter be taken or used by the city, and to provide for the payment and extinguishment of all claims or damages growing out of such taking or using.

This law provides that the Department may, within 60 days from the passage of the act (which period expires August 13), acquire, by agreement with the owners of the property, rights and privileges therein mentioned, and, in case of failure to agree, the acquisition is to be made by legal process, by the appointment of Commissioners of Appraisal. Negotiations for agreements as therein provided are now in progress.

The interior of the aqueduct was subjected to a careful examination, commencing May 6 and lasting three days, during which time the water was shut off and drawn down in the Park Reservoir 6½ feet, showing a daily consumption for that time of 90,000,000 gallons. Checks were found on the bottom of the aqueduct and removed. In several places where the aqueduct is above the natural ground, the pressure of the water had spread the arch. To remedy this the protection walls are being raised, and additional earth covering is being placed on the sides; and, at an embankment above Sing Sing, where the arch showed weakness, a new arch was turned over the old. At Yonkers, where excavations by an adjoining property-owner threatened injury to the aqueduct, the Department purchased the adjacent property, and is now building a heavy retaining wall to protect the structure and prevent the sliding of the earth covering.

The pumping engines at High Bridge now furnish water to the full capacity of the 20-inch main leading from the High-service Reservoir.

In my report for the quarter ending December 31, last, I stated that plans for a further extension of the high service would be carried out in the course of this year. Additional legislation was required to enable the Department to carry out these plans, and a bill was drafted, under my direction, and submitted to the Legislature, authorizing the Department to pay for the work out of the fund already appropriated for the laying of water pipes, thus avoiding the creation of a new expenditure or appropriation. The bill passed the Assembly, but failed to receive the approval of the Senate before the close of the session, and this much-needed work is thus necessarily postponed for another year.

In the improvement and extension of the distributing system there have been laid during the quarter—

2,278 lineal feet 48-inch pipe.
1,210 " 12 "
13,556 " 6 "

Total..... 17,044 lineal feet of pipe.

37 large and 27 small fire-hydrants have been erected.

The inspection of houses to find leaks in pipes and connections, and to detect and stop waste of water, has been steadily continued. During the quarter 30,626 buildings were visited, and 15,061 cases of defective plumbing and waste of water were discovered.

The Department has placed meters on all the railroad and omnibus stables, and is preparing to place them on all livery stables, expecting thereby to stop much waste.

On the 4th of June, 1877, the license issued to George Caulfield five years previously, for supplying Croton water to shipping, and for the erection and repairs of building, expired. Since that date this duty has been carried on directly by the Department in the Bureau of the Chief Engineer.

It became necessary at once to take steps to put a stop to the great waste of water along the river front by the introduction of meters; this has already been done to a considerable extent, and will be continued wherever practicable.

The charge for Croton water by meter is much below the rate allowed by the license to Caulfield, and the revenue may be somewhat reduced. The rates, however, are the same as charged by meter for manufacturing and all other purposes where meters are applied, and there is no reason at all for charging the shipping a higher rate than is charged to other interests. But the great saving of water which will be effected is the paramount consideration, and in view of the increasing demand upon our single Aqueduct, the stoppage of waste along the water front and at all other points has become an imperative necessity, if the expense of a new aqueduct is to be avoided. If the water rates are found to be too low, they can be increased, but the increase should apply not alone to the shipping but to all interests.

PAVEMENTS.

During the quarter 40,427½ square yards of new stone-block pavements were laid under ordinances of the Common Council.

In my last quarterly report I stated that, in accordance with the provisions of chapter 476, Laws of 1875, I had certified to the Board of Aldermen on the 15th of March ult., that certain streets required repaving. A resolution authorizing such repaving was adopted by the Board of Aldermen, and received the approval of the Mayor on the 25th of April last. An advertisement inviting bids for the work was inserted at once, and on May 10 the bids were opened and contracts awarded. The whole was divided into seven parcels or contracts. The successful bidder on one of these contracts failed to produce his sureties before the Comptroller for justification, and the bid had to be returned by the Comptroller without his approval of the sureties. Another of the successful bidders, after having his sureties approved and the contracts signed, declined to go on with the work for the reason that he was held strictly to the specifications in regard to the size and quality of stone. Both of these contracts had to be readvertised, and will be relet; and the contractors to whom the contracts were first awarded, with their sureties, will be held responsible for any excess in the cost of the work over and above the amount of their bids. Notwithstanding the delays thus occasioned by an irresponsible bidder and a delinquent contractor, all the streets enumerated in my last report, with the addition of Sixth avenue, from Forty-second to Fifty-ninth street, will be repaved before the close of the season. The specifications for these pavements require an oblong stone block of greater depth than the ordinary paving block, and are otherwise modified so as to secure a good, substantial pavement, specially adapted for heavy traffic. It is gratifying to state that, notwithstanding these changes in the specifications, which enhance the cost of the work, the contracts were bid in at very moderate rates. Some of the works are now in progress, and are viewed with satisfaction by the community, who are so deeply interested in the establishment and maintenance of good pavements.

The ordinary repairs of pavements throughout the city have been vigorously prosecuted with as large a working force as the appropriation would admit.

In April the following notice was sent to the various city railroad companies, requiring them to repair the pavements between their tracks :

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 19, CITY HALL,
NEW YORK, April 16, 1877.

To the ——— Railroad Co. :

By a resolution of the Common Council, approved April 4, 1877, I am requested "to compel the several city railroad companies running cars in this city to immediately take the necessary measures to place the streets between the rails of their tracks in good order, and in the event of the refusal of said companies to do so, to take the necessary legal measures to have the same done at the expense of said city railroad companies."

In accordance with this resolution, you are hereby notified and required to put the pavement in and about your rail-tracks in good condition, to the satisfaction of the Water Purveyor and of this Department; the work to be commenced on or before the first day of May, prox., and to be continued until all such pavement is put in good condition, and the same to be kept in good repair thereafter; in default of which this Department will proceed to do the necessary work to put and keep such pavement in good condition, and will transmit to the Counsel to the Corporation an account of the expense of such work, in order that the same may be collected from your company, or that payment thereof may be recovered by suit at law.

It is hereby expressly stated, that the term "in and about the rail-tracks," as used in this notice, means that portion of a street lying between the rails, and on the outside of the rails for a distance of two feet therefrom, and including all the space in the centre of and between double tracks.

The railroad companies possess valuable franchises for which they have paid little or nothing to the city, and the least they can do, whether expressly enjoined by their charters or not, is to keep the pavements in and about their tracks in good condition. It is impossible to preserve uniformity and smoothness of surface if two sets of pavers—those of the city and railroad companies—are compelled to pave within the narrow space between the double tracks.

Believing it to be the duty of the companies to make repairs and maintain the pavements in and about their tracks, I shall strictly enforce the ordinances relating to the matter.

Respectfully,

Commissioner of Public Works.

In the case of one of these companies (the Second Avenue Railroad Company) which neglected to repair the pavement between its double tracks, as required, the Department proceeded to make such repairs, and presented to the company for payment a bill of the expense incurred. If not paid in reasonable time the Department will bring suit to recover the amount, and thus test its authority to compel the railroad companies to fulfill their obligations to the city.

MISCELLANEOUS WORKS AND DUTIES.

During the quarter 4,624 lineal feet of sewers, 77 lineal feet of culverts, and 5 receiving-basins were constructed.

In regulating, grading, and improving streets, 5,801 cubic yards of earth and 12,356 cubic yards of rock were excavated, 116,183 cubic yards of filling put in embankments, 9,803 lineal feet of curb and gutter set, and 38,143 square feet of flagging laid.

It will be remembered that in the Fall of 1875 contracts were awarded for regulating, grading, curbing, flagging and macadamizing Kingsbridge road to its full width of 100 feet (as widened and straightened), and according to its new grade, at an estimated cost of about \$200,000.

The contractor's sureties were not approved by the Comptroller, and, after my accession to this office in January, 1876, I came to the conclusion that so large an outlay was unnecessary or at least premature, and that a good macadam roadway, about 30 feet wide, which could be had at moderate cost, would answer all the requirements of traffic over this road. I found, however, that the expense of such roadway would have to be met out of our regular annual appropriation for repairs of roads, which at that time was inadequate to meet so large a demand in addition to the ordinary repairs required on other roads. Meantime the necessity of making some improvement on this road became more pressing, and at the opening of this season I determined to have the old roadway put in thoroughly good condition, although no additional allowance or appropriation had been made for that purpose, as requested in my estimate for 1877. Accordingly, the roadway, throughout its whole length, a distance of about four miles, has been completely resurfaced with layers of broken stone, lime stone, chips, and gravel compactly rolled, so that the Kingsbridge road now affords one of the pleasantest drives on this island, being more in keeping with the surroundings than if it had been improved as a regular street to its full width, according to the new grade and the new lines as straightened. This has been done at the comparatively small expense of about \$6,000, paid out of the appropriation of \$20,000, for repairing and sprinkling roads.

Due attention has been paid to the necessary repairs to public buildings, and to the furnishing of fuel, office furniture and other supplies to the various public offices and courts.

The number of street-lamps has been increased from 20,438 to 20,606.

The Dock Department has been invited to co-operate with this Department for the purpose of placing lamps on the piers which are used for passenger traffic, and it is expected that these piers will be properly lighted before the close of another quarter.

In accordance with the resolution of the Common Council, approved April 4th ult., a room, situated at the northeast corner of Grand and Centre streets, has been fitted up with photometrical apparatus of the most approved pattern, for the purpose of testing the illuminating power of the gas furnished by the New York, Manhattan, N. Y. Mutual and Municipal Gas-light Companies. The apparatus is under the charge of a competent Gas Examiner, and the results of the tests will be published in the CITY RECORD every week in connection with the regular weekly reports of the Department. As soon as practicable another room will be obtained and fitted up in Seventy-ninth street, where the gas furnished by the Metropolitan and Harlem Gas-light Companies can be tested.

The six free floating baths were all placed in their respective positions and opened to the public early in June, and have since been liberally patronized. Up to June 30, 365,732 baths had been furnished.

The following amounts of revenue have been collected during the quarter, and paid into the City Treasury:

For Croton water rent and penalties.....	\$329,540 29
For tapping Croton pipes.....	2,201 00
For Vault Permits.....	7,613 97
For Sewer Permits.....	4,126 16
For sewer pipe sold to contractors.....	637 30
For removing obstructions.....	163 21
For old material sold at auction.....	327 66
Total.....	\$344,609 59

Very respectfully,

ALLAN CAMPBELL, Commissioner of Public Works.

Appendix "A."

Showing Titles of Appropriations; Balances of 1876 on April 1, 1877; Requisitions Drawn on 1876 with Outstanding Liabilities; Balances of 1876 on July 1, 1877; Appropriations and Transfers of 1877; Requisitions, First Quarter, 1877; Requisitions, Second Quarter, 1877; Balances of 1877, on July 1, 1877; and the Titles and Conditions of the "Trust Accounts."

TITLES OF APPROPRIATIONS.	BALANCES OF 1876 ON APRIL 1, 1877.	REQUISITIONS DRAWN AND OUTSTANDING LIABILITIES OF 1876, AND TRANSFERS.	BALANCES OF 1876 ON JULY 1, 1877.	APPROPRIATIONS AND TRANSFERS FOR 1877.	REQUISITIONS, FIRST QUARTER, 1877.	REQUISITIONS, SECOND QUARTER, 1877.	BALANCES OF 1877 ON JULY 1, 1877.
Aqueduct—Repairs and Maintenance.....	\$8 04	.....	\$8 04	\$100,000 00	\$14,583 39	\$24,893 12	\$60,523 49
Boulevard, Roads, and Avenues, Maintenance.....	1,179 50	\$1,158 00	21 50	49,000 00	4,900 35	11,600 47	23,499 18
Contingencies—Department of Public Works.....	489 38	.....	489 38	2,500 00	200 00	607 91	1,692 09
Flagging Sidewalks and Fencing Vacant Lots.....	923 86	.....	923 86	1,000 00	.....	.....	1,000 00
Free Floating Baths.....	44 52	.....	44 52	10,000 00	177 00	2,751 65	7,071 35
Free Floating Baths, Additional.....	.....	.....	.....	30,130 87	531 00	4,397 95	25,201 92
Lamps and Gas.....	1,240 90	.....	1,240 90	725,000 00	127,843 40	163,385 08	433,771 52
Public Buildings—Construction and Repairs.....	259 59	140 00	119 59	43,934 82	5,923 93	8,200 39	29,810 50
Public Drinking Hydrants.....	14 86	.....	14 86	2,500 00	130 68	941 91	1,427 41
Removing Obstructions in Streets and Avenues.....	718 95	.....	718 95	2,000 00	175 00	394 65	1,430 35
Repairing and Renewal of Pipes, Stop-cocks, etc.....	820 18	583 26	236 92	75,000 00	16,777 06	29,162 51	29,060 43
Repairing and keeping in order Wooden, etc., Pavements.....	2,092 50	190 00	1,902 50	.....	.....	.....	.....
Repairing Stone Pavements.....	1,335 55	.....	1,335 55	.....	.....	.....	.....
Repairing under chapter 476, Laws of 1875.....	.....	.....	.....	200,000 00	.....	.....	200,000 00
Repairs and Renewal of Pavements.....	.....	.....	.....	150,000 00	740 14	50,137 66	99,122 20
Roads and Avenues, and Sprinkling.....	55 59	.....	55 59	20,000 00	1,195 53	8,568 01	10,236 46
Salaries—Department of Public Works.....	1,080 09	1,080 09	.....	100,000 00	25,582 43	25,165 53	49,252 04
Sewers, Repairing and Cleaning.....	3,118 73	2,854 73	264 00	60,000 00	4,755 00	14,589 12	40,655 88
Street Improvements—For Street Signs, etc.....	29 00	.....	29 00	1,000 00	75 00	548 20	376 80
Supplies for and Cleaning Public Offices.....	8,162 51	381 00	7,781 51	100,000 00	17,616 02	35,286 75	47,097 23
Wells and Pumps, Repairing and Cleaning.....	1 00	.....	1 00	3,000 00	300 70	902 70	1,796 60
SPECIAL ACCOUNTS.							
City Contingencies.....	395 29	395 29	.....	.....	.....	.....	.....
Salary—Janitor, Police Court.....	.....	.....	.....	.....	.....	.....	.....
Third District Court-house Fund.....	.....	.....	.....	23,979 27	.....	20,878 09	3,101 18
Totals.....	\$21,970 10	\$6,782 37	\$15,187 73	\$1,690,044 06	\$221,506 63	\$402,411 70	\$1,066,126 63

TRUST ACCOUNTS.	AMOUNT AUTHORIZED BY THE BOARD OF ESTIMATE AND APPOINTMENTS.	AMOUNT CALLED FOR BY COMMISSIONER OF PUBLIC WORKS.	AMOUNT OF REQUISITIONS TO APRIL 1, 1877.	AMOUNT TO CREDIT APRIL 1, 1877.	AMOUNT OF REQUISITIONS, SECOND QUARTER, 1877.	AMOUNT TO CREDIT JULY 1, 1877.
Additional Alterations of Aqueduct, Ninety-third to One Hundred and Thirteenth street.....	\$3,550,000 00	\$3,600,000 00	* \$3,676,896 45	\$1,560 55	.....	\$1,560 55
Additional Alterations of Aqueduct, One Hundred and Eighteenth to One Hundred and Forty-second street.....	.....	100,000 00	50,254 06	49,745 94	.....	49,745 94
Boulevard, Roads, etc.—Assessment Fund.....	.....	185,090 84	16,303 72	9,909 83	.....	20,004 33
Croton Water Works Extension—High Service, Carmansville.....	.....	127,729 29	165,986 51	20,004 33	.....	311 27
Croton Water Works Extension—Storage Reservoir.....	900,000 00	1,100,000 00	822,979 64	277,020 36	122,212 61	154,807 75
Croton Water-main Fund.....	3,625,000 00	3,750,000 00	3,702,957 80	47,042 20	.....	47,042 20
Croton Water-main Fund, No. 2.....	500,000 00	702,000 00	413,563 73	288,436 27	41,978 89	246,457 38
Meter Stock.....	50,000 00	1,000,000 00	700,000 00	300,000 00	589 58	299,410 42
Pavement Repair Stock.....	50,000 00	.....	.....	50,000 00	.....	50,000 00
Sewer Repair Stock.....	245,000 00	373,000 00	299,436 97	73,563 03	.....	73,563 03
Street Improvement Fund.....	.....	.....	125,559 49	.....	219,059 50	.....
Water Stock of 1870.....	500,000 00	500,000 00	499,914 37	85 63	.....	85 63

* Deduct requisition of B. G. Clarke for \$78,457, returned unpaid.

C. T. McCLENACHAN, First Bookkeeper.

Appendix "B."

A Detailed Statement of all Requisitions drawn on the Comptroller by the Department of Public Works during the Quarter ending June 30, 1877.

APPROPRIATIONS.

Aqueduct—Repairs and Maintenance—	
Pay-rolls.....	\$18,435 10
Coal.....	1,822 50
Derrick.....	40 00
Lime and cement.....	346 45
Lumber.....	887 09
Oil and rope.....	809 61
Paint.....	52 26
Repairing pipes.....	87 95
Rubber hose.....	47 83
Supplies.....	217 21
Taxes.....	702 44
Tools.....	184 38
Traveling expenses.....	306 80
Wire cloth.....	387 50
Wire screens.....	476 00
Total.....	\$24,893 12
Boulevards, etc., Maintenance of, 1876—	
Gravel.....	\$1,158 00
Boulevards, etc., Maintenance of, 1877—	
Pay-rolls.....	\$9,611 00
Coal.....	35 06
Gravel.....	1,773 21
Horsekeeping.....	95 03
Office rent.....	52 50
Repairing sprinklers, etc.....	33 67
Total.....	\$11,600 47
Contingencies—Department of Public Works—	
Block book.....	\$80 00
Horsekeeping.....	105 41
Incidentals.....	100 00
Traveling expenses.....	322 50
Total.....	\$607 91

Free Floating Baths—	
Pay-rolls.....	\$1,206 00
Painting baths.....	700 00
Repairing baths.....	253 18
Roofing baths.....	279 47
Storing baths.....	313 00
Total.....	\$2,751 65
Free Floating Baths (Additional)—	
Pay-rolls.....	\$2,664 00
Coal.....	6 50
Painting baths.....	900 00
Repairing baths.....	202 45
Storing baths.....	625 00
Total.....	\$4,397 95
Lamps and Gas—	
Pay-rolls—Lighters and Inspectors.....	\$1,880 00
Glass.....	71 20
Lamps.....	2,314 00
Lamp crossheads.....	337 50
" globes.....	240 00
" irons.....	209 00
" posts.....	1,080 00
" repairing.....	341 25
" reflectors.....	125 00
" sockets and frames.....	93 50
Lighting Brown-stone Building.....	51 12
" City Hall.....	684 96
" County Jail.....	400 08
" Court, 2d District Civil.....	18 00
" " 3d ".....	5 76
" " 4th ".....	3 84
" " 5th ".....	7 68
" " 6th ".....	3 60
" " 8th ".....	6 72
" " 9th ".....	1 37
" " 1st District Police.....	236 16
" " 2d ".....	116 40
" " 3d ".....	107 76
" " 4th ".....	61 75
" " 5th ".....	21 17
" " Marine.....	7 68
" " Special Sessions.....	3 12
" Department of Buildings.....	1 68
" Engine-house (Highbridge).....	230 17

Lamps and Gas—		
Lighting Market, Catharine	\$55	20
“ “ Centre	338	64
“ “ Clinton	281	28
“ “ Essex	207	60
“ “ Fulton	503	76
“ “ Jefferson	122	40
“ “ Tompkins	222	00
“ “ Union	41	28
“ “ Washington	524	16
“ New Court-house	978	00
“ Office, Corporation Attorney	54	24
“ Office Engineer Boulevards, etc.	82	
“ Office Receiver of Taxes	200	16
“ Rivington Street Yard	5	28
“ South Gate-house	26	39
“ Streets, Central Gas-light Co.	17,097	85
“ “ Harlem Gas-light Co.	28,386	91
“ “ Manhattan Gas-light Co.	26,599	42
“ “ Metropolitan Gas-light Co.	28,985	83
“ “ New York Gas-light Co.	14,997	03
“ “ New York Mutual Gas-light Co.	15,686	31
“ “ New York & New Jersey Globe Gas-light Co.	7,376	38
“ “ Suburban Gas-light Co.	12,033	67
Total	\$163,385	08

Public Buildings—Construction and Repairs, 1876—		
Barrow Street, No. 70	\$140	00

Public Buildings—Construction and Repairs, 1877—		
Pay-rolls—Carpenters	\$624	00
Beekman street, No. 49	1,371	14
Brown Stone Building	192	94
Chatham street, No. 61	496	00
“ “ 93	240	00
City Hall	743	07
City Prison	61	93
County Jail	332	90
Court, 3d District Civil	15	53
“ 5th “	33	33
“ 1st District Police	188	79
“ 2d “	313	01
“ 3d “	57	11
“ 4th “	88	27
“ 5th “	64	68
Engine-house (City Hall Park)	64	64
Market, Clinton	401	30
“ Essex	12	25
“ Fulton	142	02
“ Jefferson	163	95
“ Tompkins	15	64
“ Washington	618	02
Miscellaneous buildings	333	96
New Court-house	1,166	27
Office Corporation Counsel	22	00
Photometrical Rooms	115	26
Register's Office	245	78
Rivington Street Yard	76	60
Total	\$8,200	39

Public Drinking-hydrants—		
Repairing and putting in	\$941	91

Removing Obstructions in Streets and Avenues—		
Labor and carting	\$394	65

Repairing and Renewal of Pipes, Stop-cocks, etc., 1876—		
Repairing hydrants	\$583	26

Repairing and Renewal of Pipes, Stop-cocks, etc., 1877—		
Pay-rolls	\$25,604	38
Castings	75	45
Horse feed	148	46
Horseshoeing	17	70
Hydrants	1,074	75
Hydrant boxes	550	00
Hydrants, Repairing	200	00
Meter counters, etc.	105	90
Paint	31	36
Repairing boiler	20	20
Stop-cock bolts, etc.	83	26
Stop-cock boxes and covers	337	35
Tapping and waste-cocks	796	00
Tools	61	20
Wood	47	50
Total	\$29,162	51

Repairing, etc., Wooden and Concrete Pavements, 1876—		
Sand	\$190	00

Repairs and Renewal of Pavements—		
Pay-rolls	\$33,345	04
Belgian blocks	11,736	00
Fencing	39	86
Sand	4,100	00
Tools	342	95
Tools, Repairing	573	81
Total	\$50,137	66

Roads and Avenues and Sprinkling—		
Pay-rolls	\$3,722	00
Broken stone	3,240	00
Filling	530	00
Gravel	840	00
Tools	57	30
Tools, Repairing	178	71
Total	\$8,568	01

Salaries—Department of Public Works—		
Pay-rolls	\$25,165	53

Sewers—Repairing and Cleaning—		
Pay-rolls	\$13,570	58
Basin heads	386	03
Brick and cement	152	50
Man-hole covers	157	01
Rebuilding sewer	264	00
Sand	15	00
Tools	44	00
Total	\$14,589	12

Street Improvements—For Street Signs, etc.—		
Grade maps	\$500	00
Renumbering Seventh avenue	48	20
Total	\$548	20

Supplies for and Cleaning Public Offices, 1876—		
City Record	\$6	00
Fourth District Police Court	375	00
Total	\$381	00

Supplies for and Cleaning Public Offices, etc.—		
Pay-rolls	\$23,606	52
Armory, Twenty-fourth street	9	45
“ First Cavalry	153	50
Board of Aldermen	107	16
“ Assessors	7	36
Brown Stone Building	21	00
Bureau Repairs and Supplies	5,040	57
City Hall	453	80
City Record	58	24
County Jail	45	00
Court, 1st District Civil	152	50
“ 2d “	116	50
“ 3d “	1,551	95
“ 4th “	143	22
“ 5th “	172	35
“ 6th “	24	25
“ 9th “	42	00
“ 10th “	10	00
“ 1st District Police	126	16
“ 2d “	759	46
“ 3d “	13	75
“ 4th “	12	62
“ Common Pleas	6	50
“ General Sessions	20	00
“ Marine	59	25
“ Special Sessions	15	75
“ Superior	4	50
“ Supreme	5	00
Department of Finance	449	00
“ Public Works	122	96
New Court-house	484	03
Office, Corporation Attorney	590	46
“ County Clerk	276	00
“ Mayor	345	62
“ Public Administrator	172	89
“ Surrogate	38	00
Photometrical Rooms	64	18
Rivington Street Yard	5	25
Total	\$35,286	75

Third District Court-house Fund—		
Pay-rolls	\$1,732	56
Altering tank	90	82
“ water pipes	131	37
Coal	250	00
Construction	10,710	32
Granite posts	198	00
Iron work	1,500	00
Plumbing	684	71
Registers, etc.	2,436	53
Running engine	1,083	78
Tiling	1,600	00
Vault doors, etc.	460	00
Total	\$20,878	09

Wells and Pumps—Repairing and Cleaning—		
Putting in	\$592	20
Repairing	310	50
Total	\$902	70

RECAPITULATION OF APPROPRIATIONS.		
Aqueduct—Repairs and Maintenance	\$24,893	12
Boulevard, etc., Maintenance of, 1876	1,158	00
“ “ 1877	11,600	47
Contingencies—Department of Public Works	607	91
Free Floating Baths	2,751	65
“ (additional)	4,397	95
Lamps and Gas	163,385	08
Public Buildings—Construction and Repairs, 1876	140	00
“ “ 1877	8,200	39
Public Drinking Hydrants	941	91
Removing Obstructions in Streets and Avenues	394	65
Repairing and Renewal of Pipes, Stop-cocks, etc., 1876	583	26
“ “ “ 1877	29,162	51
“ etc., Wooden and Concrete Pavements, 1876	190	00
Repairs and Renewal of Pavements	50,137	66
Roads and Avenues and Sprinkling	8,568	01
Salaries—Department of Public Works	25,165	53
Sewers—Repairing and Cleaning	14,589	12
Street Improvements—For Street Signs, etc.	548	20
Supplies for and Cleaning Public Offices, 1876	381	00
“ “ “ etc.	35,286	75
Third District Court-house Fund	20,878	09
Wells and Pumps—Repairing and Cleaning	902	70
Total	\$404,863	96

TRUST ACCOUNTS.		
CROTON WATER FUND.		
Pay-rolls	\$3,131	57
Building Reservoir	26,243	82
Drawing water	555	00
Extending fences	78	75
Geologist's services	750	00
Horsekeeping and rent	185	00
Incidentals	54	32
Land	90,600	34
Legal services	138	11
Printing report	100	70
Rent of mill seat	375	00
Total	\$122,212	61

CROTON WATER-MAIN FUND NO. 2.		
Pay-rolls	\$21,588	64
Cast iron pipe	7,098	26
Coke	30	00
Hydrants	1,210	00
Hydrant boxes	275	00
Horsekeeping	102	00
Laying mains	8,821	65
Lumber	57	32
Oil	46	68
Stop-cocks	387	00
Stop-cock boxes and covers	1,743	31
Tools	38	60
Traveling expenses	93	68
Wagon	425	00
Washers	61	75
Total	\$41,978	89

METER STOCK.		
Water meters.....	\$589 58	
STREET IMPROVEMENT FUND.		
Curb, Gutter, and Flagging—		
Eightieth street, between Fourth and Madison avenues, Patrick Burns, contractor.....	\$869 49	
Fencing Vacant Lots—		
Fifty-fourth street, at northwest corner of Sixth avenue, Patrick Burns, contractor.....	129 13	
Flagging Sidewalks—		
West street, between Horatio and Gansevoort streets, J. S. Masterson.....	\$260 33	
South side of One Hundred and Seventeenth street, between Lexington and Fourth avenues, J. S. Masterson.....	188 66	
Fifth avenue, between Fifty-eighth and Sixty-fourth streets, J. S. Masterson.....	630 27	
	1,079 26	
Paving Roadways—		
Bloomfield street, between West street and Thirteenth avenue, Chris. Keyes.....	\$111 70	
Little Twelfth street, between Tenth and Thirteenth avenues, George A. Treacy.....	2,757 49	
Twenty-third street, between Avenue A and East river, W. A. Cumming.....	272 50	
Fortieth street, between First and Second avenues, James Pollock.....	223 05	
Fiftieth street, between Tenth and Eleventh avenues, Charles Devlin.....	272 80	
Seventy-fifth street, between First and Third avenues, P. Mulholland.....	429 59	
Seventy-ninth street, between Ninth avenue and Hudson river, J. G. Smith.....	12,033 00	
Ninetieth street, between Third and Fifth avenues, J. B. Devlin.....	660 20	
Ninety-second street, between Eighth avenue and Boulevard, C. P. Devlin.....	721 80	
One Hundred and Fourth street, between Third and Fourth avenues.....	306 16	
One Hundred and Fifth street, between Eighth avenue and Boulevard, J. Mulholland.....	760 08	
One Hundred and Ninth street, between Second and Third avenues, D. McGrath.....	209 70	
One Hundred and Thirteenth street, between Third and Fourth avenues, James Everard.....	3,526 56	
One Hundred and Eighteenth street, between Third avenue and Harlem river, D. McGrath.....	908 40	
One Hundred and Twenty-first street, between First and Fourth avenues, J. B. Devlin.....	11,436 90	
One Hundred and Twenty-ninth street, between Tenth avenue and Boulevard, J. B. Devlin.....	272 18	
Avenue A, between Eighty-sixth and Ninety third streets, J. B. Devlin.....	6,520 18	
Fourth avenue, between Forty-ninth and Sixty-seventh streets, C. P. Devlin.....	16,058 00	
Fourth avenue, at intersection of Seventy-first street, Jas. Everard.....	824 71	
Eighth avenue, between Fifty-ninth and One Hundred and Twenty-fifth streets, R. H. Treacy.....	9,086 90	
	67,391 90	
Receiving-basin—		
Northwest corner of South and Corlears streets, G. Palmer.....	128 00	
Regulating, Grading, etc.—		
Lexington avenue, between One Hundred and Second street and Harlem river, M. Gavin.....	\$2,520 00	
Fourth avenue, between One Hundred and Second and One Hundred and Tenth streets, E. Bradburn.....	1,078 00	
Eighth avenue, between One Hundred and Twenty-eighth street and Harlem river, Mills & Ambrose.....	9,996 00	
Forty-second street, between Second avenue and East river, Thomas Connell.....	1,179 50	
Forty-third street, between Second and Third avenues, Owen Gearty.....	1,554 21	
Seventieth street, between Third avenue and East river, J. S. Masterson.....	3,102 12	
Seventy-eighth street, between Ninth avenue and Boulevard, P. Mulholland.....	1,151 95	
Ninety-sixth street, between Boulevard and Hudson river, A. Dowdney.....	1,960 00	
Ninety-ninth street, between Eighth and Eleventh avenues, R. Earl, Jr.....	7,790 35	
One Hundred and Third street, between First and Fifth avenues, J. C. Dowling.....	1,078 00	
One Hundred and Seventh street, between Fifth avenue and Harlem river, Patrick Farley.....	5,880 00	
One Hundred and Thirteenth street, between Morning-side and Riverside Drives, M. H. Moore.....	3,553 74	
One Hundred and Fifty-second street, between Boulevard and Hudson river, M. Guilfoyle.....	1,510 60	
	42,354 47	
Sewers—		
Boulevard, Ninety-eighth street, etc., J. Mulholland.....	\$27,226 31	
Centre street, between Pearl and Canal streets, E. Bradburn.....	386 80	
South street, at James slip, J. H. McCabe.....	1,970 26	
Fortieth street, between Tenth avenue and Hudson river, Devlin & McKim.....	4,638 90	
Forty-second street, between Third avenue and East river, J. Mulholland.....	6,065 53	
One Hundred and Fifth street, between Third and Fourth avenues, J. C. Dowling.....	188 20	
One Hundred and Sixteenth street, between Seventh and Eighth avenues, E. Bradburn.....	155 00	
One Hundred and Forty-seventh street outlet, Alex. Lutz.....	5,197 50	
One Hundred and Fifty-second street, between Boulevard and Hudson river, A. Dowdney.....	3,604 08	
First avenue, between Ninety-second and One Hundred and Tenth streets, J. C. Dowling.....	17,006 41	
Fourth avenue, between Eighty-eighth and Eighty-ninth streets, P. Mulholland.....	39 60	
Eighth avenue, between Ninety-second and One Hundred and Fifth street, Alex. Lutz.....	2,254 00	
Tenth avenue, between Seventy-fifth and Seventy-seventh streets, B. Noonan.....	126 80	
Tenth avenue, between Seventy-seventh and Eighty-first streets, B. Noonan.....	5,390 00	
	74,249 39	
Sundry Incidentals—		
Pay-rolls, Inspectors and Surveyors, Services.....	\$20,941 87	
" Regulating, Grading, etc.....	5,754 00	
" Paving.....	1,596 00	
Supplies—Bureau of Sewers.....	174 40	
Surveyor's fees.....	4,391 59	
	32,857 86	
Total.....	\$219,059 50	

STREET IMPROVEMENT FUND, TELFORD PAVEMENT.	
New avenue, between One Hundredth and One Hundred and Tenth streets—	
Pay-rolls.....	\$325 10
Horsekeeping.....	3 65
Office rent.....	5 03
	\$333 78
New avenue, between One Hundred and Fourteenth street and Avenue St. Nicholas—	
Pay-rolls.....	\$109 10
Office rent.....	3 39
	112 49
One Hundred and Twenty-second street, Tenth avenue to Riverside Drive—	
Pay-rolls.....	31 59
Total.....	\$477 86

SUNDRY ASSESSMENT FUNDS.	
Avenue B, Eighty-third to Eighty-sixth street—	
Pay-rolls.....	\$375 98
Horsekeeping.....	4 25
Office rent.....	3 26
	\$383 49
First avenue, between Eighty-sixth and One Hundred and Sixteenth streets—	
Pay-rolls.....	\$1,025 92
Filling.....	4,378 37
Horsekeeping.....	32 58
Office rent.....	53 42
	5,490 29
Sixth Avenue Planting—	
Pay-roll.....	\$9 94
Horsekeeping.....	3 76
Office rent.....	2 42
	16 12
Seventh Avenue Planting—	
Pay-rolls.....	\$59 23
Horsekeeping.....	2 75
Office rent.....	1 71
	63 69
Avenue St. Nicholas Planting—	
Pay-rolls.....	\$499 87
Horsekeeping.....	2 14
Office rent, etc.....	2 19
Trees.....	668 12
	1,172 32
Boulevard Planting—	
Pay-rolls.....	\$395 17
Horsekeeping.....	7 34
Office rent.....	12 35
Trees.....	1,258 85
	1,673 71
Boulevard Sewers, 13 B—	
Pay-rolls.....	\$47 64
Office rent.....	5 43
	53 07
Boulevard Sewers, 2 C—	
Pay-rolls.....	\$48 99
Office rent.....	7 18
	56 17
Boulevard Sewers, 1 D—	
Office rent.....	2 39
Boulevard Sewers, 12 E—	
Pay-rolls.....	\$14 16
Office rent.....	1 63
	15 79
Tenth Avenue Sewers—	
Pay-rolls.....	\$382 68
Coal.....	10 27
Office rent.....	98 77
	491 72
One Hundred and Twenty-fourth street, Avenue A to Sixth avenue—	
Pay-roll.....	13 21
	\$9,431 97

RECAPITULATION OF TRUST FUNDS.	
Croton Water Fund.....	\$122,212 61
Croton Water-main Fund No. 2.....	41,978 89
Meter Stock.....	589 58
Street Improvement Fund.....	219,059 50
Street Improvement Fund, Telford Pavement.....	\$477 86
Sundry Assessment Funds.....	9,431 97
	9,909 83
Total.....	\$393,750 41

GENERAL SUMMARY.	
Appropriations.....	\$404,863 96
Trust Funds.....	393,750 41
Total amount for quarter.....	\$798,614 73

DEPARTMENT OF PUBLIC WORKS, CHIEF ENGINEER'S OFFICE, CITY HALL, NEW YORK, July 6, 1877.	
ALLAN CAMPBELL, Esq., <i>Commissioner of Public Works</i> : SIR—I have the honor to report that during the quarter ending June 30, 1877, there has been expended in this Bureau for work done and materials furnished, and for which bills have been transmitted, as follows:	
Additional Alterations, Aqueduct, chapter 278, Laws of 1877.....	\$10,408 89
Aqueduct—Repairs and Maintenance.....	24,673 92
Croton Water Fund.....	122,212 61
Croton Water Main Fund No. 2.....	29,639 64
Contingencies—Department of Public Works.....	105 41
Meter Stock Fund.....	589 58
Repairing and Renewal of Pipes, Stop-cocks, etc.....	11,149 87
Total.....	\$198,779 92

STORAGE RESERVOIR.

The work on the New Storage Reservoir was recommenced during the first week in April, and since the first of May the contractors have made satisfactory progress. Eighteen hundred and ninety-five cubic yards masonry have been laid in the centre wall, and 72,300 cubic yards embankment put in the dam. At the rate of progress during the month of June this work will be completed in November next, when we can close the gates and fill the reservoir for an additional supply in 1878. The roads and fences around the reservoir have been energetically pushed forward. During the month of May the lands for the reservoir were paid for by the city and possession given this Department, excepting those belonging to the Tilly Foster Iron Mining Company. Legal proceedings for procuring these lands are before the Commissioners appointed by the Court to appraise the same, and the necessary surveys and evidence obtained to present to the Commissioners. Surveys are being made for another storage reservoir on the Croton river, and also for obtaining the right to draw water from lakes Mahopac and Kirk.

The Croton river furnished a full supply of water to the aqueduct during the quarter, except for three days in May and eighteen days in June, when the supply was partially taken from Croton dam and from Boyd's Corners Reservoir. The Reservoir at Boyd's Corners is now within 5½ inches of being full.

Lakes Mahopac, Gleneida, and Gilead, and Barrett and China Ponds are gradually filling, but have not risen to high water-mark. The other lakes and ponds, from which water was drawn last year, are full.

The outlets to Lake Gleneida and to Peach and Long Ponds have been repaired and improved according to agreement with the owners of the land on the outlets. The weather last winter stopped all work, leaving these improvements only partially completed.

The rain-fall at Boyd's Corners Reservoir was, in April, 2 35-100 inches, including 2 inches of snow; in May 85-100 inches, and in June 4 95-100 inches.

AQUEDUCT—REPAIRS AND MAINTENANCE.

The ditches, drains, culverts, and fences, on the line of the aqueduct, have been kept in good order, and altered, where made necessary, by changes in the country roads, and daily inspections and reports made of the condition of the aqueduct.

On the 6th of May the water was drawn from the aqueduct, and a careful examination and repairs were made of the inside. Checks were found in the bottom, which, in each case, were cut out and refilled with cement. The water was again let in on the 9th of May, having been shut off seventy-two hours.

The water in the reservoirs in the city fell during this time 6½ feet, showing a daily consumption of 90,000,000 gallons.

The examination of the inside of the aqueduct showed that the large volume of water carried in it had in some places, where the aqueduct was built above the surface of the ground, and supported upon a foundation wall, spread the arch. To remedy this, we are raising the protection walls, and removing a portion of the covering on the arch to the sides. At one embankment above Sing Sing, where the upper arch showed signs of weakness, the earth was removed, the spandrels carried up, and another arch turned over the old. So far as this work has proceeded, it appears to answer the desired object, and will be continued where signs of weakness are shown. At Yonkers the owner of property adjoining and below the aqueduct excavated his lot to near our land line. The excavation showed a vein of sand extending under the aqueduct. This being, from its position, deemed dangerous, a portion of the lot adjoining the aqueduct property was purchased, and a heavy retaining wall is being put up to prevent the sliding of the earth upon which the aqueduct is placed.

The necessary painting and whitewashing has been done at the gate-houses and reservoirs, and the several large stop-cocks on mains connecting the reservoirs kept in order.

The pumping-engines at Highbridge have been regularly run to supply the High-service Reservoir at Highbridge, and this service is now used to the full capacity of the twenty-inch pipe leading from this reservoir down town.

LAYING WATER-PIPES.

In April the work of laying water-pipes was continued (having been suspended during the winter), and three of the contracts have been completed.

Three contracts have been made for laying pipes, including all of the small pipe authorized to be laid by resolutions of the Common Council up to June 1, 1877, and the extension of the 48-inch main down First avenue to Thirty-seventh street, and contracts for the necessary pipe and special castings for this work have been made.

Two gangs of men are at work placing large hydrants on Broadway and other streets, as called for by the Fire Department, under resolutions passed by the Common Council, and approved by the Mayor.

AMOUNT OF PIPE LAID.

48-inch pipe.....	2,278 lineal feet
12-inch pipe.....	1,210 " "
6-inch pipe.....	13,556 " "
Total.....	17,044 " "

37 large hydrants placed.
29 small " "

FURNISHING WATER TO SHIPPING, AND FOR BUILDING PURPOSES.

The contract with George Caulfield for supplying water to shipping, and for building purposes, expired on the 4th June.

The necessary inspection to determine the amount of water so used, and to stop the waste on the piers and bulkheads, was transferred to this Bureau, and examinations have been made of all the piers, wharves, and bulkheads. Notice was given the parties controlling the piers and bulkheads that meters must be placed on their pipes, as all water supplied to shipping hereafter would be charged by measurement.

Two have been put on, and others are making such changes as are necessary for placing of the meters on their pipes, and temporary permits have been granted to parties using water for shipping, until permanent arrangements can be made to supply them through meters.

No. of permits granted..... 229
Amounting to..... \$9,210 77
84 permits have been granted to use water for building purposes, amounting to..... 2,085 00
The inspections of houses and buildings, and alterations to prevent waste, is being continued.

Report of Examinations made by Inspectors relative to Leaky Fixtures and Waste of Water, from April 1 to June 30, 1877.

DISTRICT.	Whole Number of Buildings Inspected.	Number in which Plumbing was Defective or Water Wasted.	FAUCETS.		WATER-CLOSURES OR URINALS.		HYDRANTS IN YARDS.		PIPES BURST.	BALL-COCKS WASTED.
			Leak.	Waste.	Leak.	Waste.	Leak.	Waste.		
First.....	2,856	350	121	47	71	130	19	25	6	1
Second.....	159	3	..	..	..	1	..	..	..	..
Fourth.....	542	68	51	5	1	1	6	12	1	..
Fifth.....	1,397	254	195	30	3	62	14	15	0	1
Sixth.....	594	99	106	1	3	3	19	1	1	..
Seventh.....	233	51	37	17	1	1	..	..	..	..
Eighth.....	954	206	276	1	..	..	..	..	..	..
Ninth.....	1,316	125	93	30	3	12	2	..	..	..
Tenth.....	1,184	327	317	..	8	1	15	..	..	..
Eleventh.....	2,070	224	285	..	1	8	..	..	..	..
Twelfth.....	923	233	226	60	..	3	12	2	1	..
Thirteenth.....	1,597	338	333	9	71	5	21	..	9	..
Fifteenth.....	1,925	362	537	2	1	8	4	..	5	6
Sixteenth.....	1,407	165	173	4	..	13	9	3	..	..
Seventeenth.....	2,716	532	753	2	18	39	19	3	2	..
Eighteenth.....	1,461	438	498	..	18	..	..	..	1	10
Nineteenth.....	685	15	8	..	..	..	3	..	2	..
Twentieth.....	3,843	532	624	4	47	11	8	..	11	4
Twenty-first.....	2,730	739	931	21	58	141	16	5	22	8
Second Inspection.....	29,004	5,061	5,569	233	304	451	160	81	80	31
Third.....	640	45	41	1	..	5	2	..	..	..
Eighth.....	105	4	4	..	..	..	..	..	..	..
Eleventh.....	335	14	19	..	..	5	..	..	1	..
Twelfth.....	433	70	87	6	..	4	2	1	3	..
Eighteenth.....	109	35	21	..	..	..	2	1	..	..
Total.....	30,626	5,229	5,741	240	304	461	168	84	82	34

Meters have been placed on the railroad and omnibus stables, and preparations are being made for placing them on all livery stables. The Aqueduct is now bringing in all the water it can carry with safety, and with the regular growth of the city and extension of pipes and service, it has become necessary to take efficient measures for checking the great waste of water. During the last year fifteen miles of service pipe have been laid and 1,177 taps granted.

Very respectfully, yours,

JOHN C. CAMPBELL,
Chief Engineer, Croton Aqueduct.

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, NO. 4 CITY HALL,
NEW YORK, July 5, 1877.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—I herewith submit report of the transactions of this Bureau for the months of April, May and June of the current year.

REPAIRING CROTON PIPES, ETC.

Three companies have been employed during the past quarter in repairing and renewing pipes, stop-cocks and fire-hydrants.

No serious breaks have occurred along the lines of water-pipes, and all complaints made to this Bureau have had prompt attention, and the necessary repairs made.

PLACING LARGE HYDRANTS.

A small force has been employed in placing large hydrants on Broadway and other streets where required, and in repaving over Croton-mains where repairs were necessary.

REPAIRS TO PAVEMENTS.

The work of repairing pavements has been prosecuted as thoroughly as possible with the force at my command. Complaints are daily received from almost all sections of the city of the bad condition of the pavements, and as rapidly as can be done, they are attended to in the order in which they are received. The contracts recently awarded for repairing a number of the down-town streets will, when completed, enable me to give more attention to repairs in other parts of the city.

BOULEVARDS, ROADS AND AVENUES.

For the detail of the work done in this Department of my Bureau during the last quarter, I respectfully refer you to the report of Frederick H. Hamlin, Engineer in charge, hereto appended, and marked "A."

Number of Men Employed under charge of Bureau of Water Purveyor during months of April, May, and June, 1877, paid from different Appropriations, with amounts of Pay-rolls.

MONTHS, 1877.	REPAIRING AND RENEWALS OF PIPES, STOP-COCKS, ETC.		CROTON WATER MAIN FUND, No. 2.		REPAIRS AND RENEWALS OF PAVEMENTS.	
	No. of Men.	Amounts.	No. of Men.	Amounts.	No. of Men.	Amounts.
April.....	53	\$3,240 02	62	\$2,849 59	173	\$4,686 19
May.....	53	3,150 44	90	5,508 35	360	19,670 24
June.....	53	3,261 06	99	5,876 25	371	18,982 78
Totals.....		\$9,951 52		\$14,234 19		\$43,339 21

RECAPITULATION.

Amounts of Pay-rolls for April, May, and June, 1877.

Repairs and Renewals of Pipes, Stop-cocks, etc.....	\$9,951 52
Croton Water-main Fund, No. 2.....	14,234 19
Repairs and Renewals of Pavements.....	43,339 21
	\$67,524 92

No. of Square Yards.

PAVING WORKS UNDER CONTRACTS COMPLETED.

7,308.	One Hundred and Twenty-first street, from First to Fourth avenue.
13,834.	One Hundred and Sixth street, between Third avenue and East river.
9,575.09	Lawrence street, from Ninth avenue to the Boulevard.
2,445.25	One Hundred and Nineteenth street, from Avenue A to Harlem river.
2,254.50	Ninety-fifth street, from First to Second avenue.
1,791.	Little Twelfth street, from Tenth to Thirteenth avenue.
2,716 75	Fifty-sixth street, between Sixth and Seventh avenues.
3,030.	One Hundred and Thirteenth street, between Third and Fourth avenues.
470.	Fourth avenue, from the north to the south side of Seventy-first street.
49,427.59	

Number of vault permits issued during the months of April, May, and June, 1877 (thirty-one)..... 31
Receipts for vault permits, same period..... \$7,613 97

Respectfully submitted,

DANIEL O'REILLY, Water Purveyor.

"A."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER PURVEYOR,
NEW YORK, July 2, 1877.

DANIEL O'REILLY, Esq., Water Purveyor:

SIR—Being directed by you to furnish an account of the work in this Bureau, which is under the direct supervision of the Engineer in charge, during the three months ending June 30, 1877, I would respectfully state that his duties have been confined entirely to the maintenance of all the macadamized and gravel roads, 23 572-1000 miles, lying within the purview of this Department.

The appropriation for 1877 is..... \$40,000 00
Amount expended to April 1, 1877..... \$5,074 86
Amount expended from March 31 to July 1..... 11,437 09

Unexpended balance..... \$23,488 05

The money during the last three months has been devoted to the following purposes:

Spreading gravel.....	\$1,312 45
Sprinkling.....	2,015 70
Cleaning gutters.....	80 40
Cleaning roads.....	2,083 13
Cultivating trees.....	188 13
Trimming trees.....	59 72
Repairs.....	1,304 08
Gravel.....	1,784 34
General account, including supervision, clerk hire, foremen's time, repairs to tools, removing dangerous rocks from slopes, fuel and other necessary expenditures.....	2,609 14
Total.....	\$11,437 09

The force at the present time consists of 3 foremen, 31 mechanics and laborers, and 21 single and double teams.

Certain portions of the Western Boulevard are in such bad condition that it will be necessary to remove the upper layer of broken stone and, using a steam-roller, resurface for the entire width of the roadway, but the limited appropriation will not admit of such work being done this year. The ordinary manner of patching, which has perforce been adopted, is to be deplored in the instances above referred to, not only on account of the uneven surface necessarily produced, resulting in enormous injury and wear to horses and vehicles, but because at best this remedy is temporary, and, therefore, involves an additional and unnecessary expense to the city.

All of which is respectfully submitted,

FRED. H. HAMLIN,
Engineer in charge Roads and Avenues.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, ROOM 11, CITY HALL,
NEW YORK, July 6, 1877.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—I have the honor to transmit herewith a report of the transactions of this Bureau for the months of April, May, and June, 1877, showing statements of the amount of work done on the various contracts, of the amount of vouchers drawn, of contracts completed, and contracts under way and suspended, also permits issued by this Bureau.

For contracts entered during this period I beg to refer to the Contract Clerk's report.

Respectfully,

GEO. A. JEREMIAH,
Superintendent Street Improvements.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS,
NEW YORK, July 2, 1877.GEO. A. JEREMIAH, Esq., *Superintendent Street Improvements:*

SIR—Complying with instructions, I hereby respectfully present the following report, showing the progress and condition of that portion of the work under the Bureau of Street Improvements, the immediate care of which devolves upon the Engineer in charge, during the three months ending June 30, 1877.

The work of regulating, grading, curbing, guttering, and flagging Avenue B, from Seventy-ninth to Eighty-sixth street—Thomas P. and John J. McQuade, Contractors—was resumed May 7, 1877, and finished May 23, 1877.

1,600 cubic yards of earth excavated.
56 " " rock " "
1,279 lineal feet of curb furnished and set.
3,449 " " gutter " "
4,513 square feet of flagging " "
The roadway is so shaped as to afford a good dirt drive. The final estimate has been prepared. Upon First avenue, from Ninety-ninth to One Hundred and Fourth street—
11,870 cubic yards of earth filling, and
1,080 " " rock " (used mostly for rip-rapping),
have been furnished and delivered. The grading of this section cannot be finished until the sewer is built.

New avenue, between Eighth and Ninth avenues, is now graded throughout its entire length, from One Hundredth to Manhattan street, the filling required to complete certain sections having been furnished and delivered by George F. Doak, according to his contract of July 29, 1876; work resumed April 16, 1877, and ceased June 18, 1877.

1,300 cubic yards of earth filling furnished and delivered.

By the terms of his contract, Oliver Van Courtlandt is allowed, until the spring of 1878, to complete the tree planting of the Boulevard, Sixth and Seventh avenues, and Avenue St. Nicholas. Of the 1,586 trees required, 631 elms have been planted in the Boulevard, and 303 sugar maples in Avenue St. Nicholas this spring.

There have been transmitted from this Bureau pay-rolls and bills, for work done and material furnished, chargeable to the following accounts, as below:

First avenue, Eighty-sixth to One Hundred and Sixteenth street.....	\$5,312 25
Avenue B, Seventy-ninth to Eighty-sixth street.....	383 49
New avenue, between Eighth and Ninth avenues, One Hundredth to One Hundred and Tenth street.....	333 78
New avenue, between Eighth and Ninth avenues, One Hundred and Fourteenth street to Avenue St. Nicholas.....	112 49
One Hundred and Twenty-fourth street, Avenue A to Sixth avenue.....	13 21
One Hundred and Twenty-second street, Tenth avenue to Riverside Drive.....	31 59
Boulevard, tree planting.....	1,663 77
Avenue St. Nicholas, tree planting.....	1,167 34
Sixth avenue, tree planting.....	6 18
Seventh avenue, tree planting.....	58 71
Total.....	\$9,082 81

All of which is respectfully submitted,

FRED. H. HAMLIN,
Engineer in charge Roads and Avenues.

STATEMENT OF CONTRACTS

In Progress in the Bureau of Street Improvements on the 30th day of June, 1877.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	PER CENT. RETAINED.	AMOUNT PAID.
Regulating, grading, curb, gutter, and flagging—								
Broadway, Manhattan to One Hundred and Thirty-third street.....	George F. Doak.....	P. M. Dowd.....	John Murray.....	39 days.....	\$15,426 74	.....	.....	.....
Fourth avenue, One Hundred and Second to One Hundred and Tenth street.....	Edward Bradburn.....	W. V. Smith.....	Norman McLeod.....	200 days.....	12,585 00	\$1,540 00	\$462 00	\$1,078 00
Eighth avenue, One Hundred and Twenty-eighth street to Harlem river.....	Mills & Ambrose.....	W. V. Smith.....	Clark Vandewater.....	2½ years.....	143,870 75	30,720 00	11,016 00	25,704 00
Ninth avenue, Seventy-second to Eighty-first street.....	Terrence Smith.....	W. V. Smith.....	Michael McNamara.....	5 months.....	9,277 00	3,250 00	975 00	2,275 00
Tenth avenue, Ninety-fifth to One Hundred and Tenth street.....	John Slattery.....	F. M. Leonard.....	John Meade.....	150 days.....	15,857 28	.....	.....	.....
Eleventh avenue, Fifty-ninth to Seventy-second street.....	Michael Gavin.....	Charles H. Haswell.....	Arthur Flynn.....	1 year.....	41,448 00	36,609 55	10,982 88	25,626 68
Forty-second street, Second avenue to East river.....	Thomas Connell.....	Eugene E. McLean.....	Robert Kelly.....	270 days.....	15,859 00	9,779 00	2,933 70	6,845 30
Forty-third street, Second to Third avenue.....	John Wyherd.....	A. Doubleday.....	Henry Oberle.....	6 months.....	17,474 80	17,549 10	5,264 73	12,284 37
Sixty-second street, Tenth to Eleventh avenue.....	John S. Masterson.....	T. & J. Slater.....	Andrew Connors.....	9 months.....	7,927 91	1,534 84	460 45	1,074 39
Seventieth street, Third avenue to East river.....	Herman Polye.....	Wm. M. Dean.....	Isaac Odell, Jr.....	6 months.....	36,295 00	31,413 60	9,424 08	21,989 52
Seventy-first street, Fifth avenue to East river.....	Patrick Mulholland.....	W. H. Michaels.....	Charles Schloss.....	4 months.....	24,907 80	7,790 00	2,337 00	5,453 00
Seventy-eighth street, Boulevard to Ninth avenue.....	Michael Gavin.....	A. Doubleday.....	Francis Maguire.....	250 days.....	15,494 25	4,641 97	1,392 60	3,249 37
Eighty-first street, Ninth to Tenth avenue.....	John Mulholland.....	Charles H. Haswell.....	John Kortright.....	50 days.....	3,587 00	.....	.....	.....
Ninety-third street, Boulevard to Eighth avenue.....	Abraham Dowdney.....	C. F. Mairs.....	Philip Farley.....	50 days.....	7,021 00	.....	.....	.....
Ninety-sixth street, Boulevard to Hudson river.....	John C. Dowling.....	W. V. Smith.....	Samuel Brower.....	550 days.....	29,086 00	15,400 00	4,620 00	10,780 00
One Hundred and Third street, First to Fifth avenue.....	Edward Bradburn.....	W. V. Smith.....	Joseph Frankan.....	600 days.....	29,360 00	1,540 00	462 00	1,078 00
One Hundred and Sixth street, Madison to Fourth avenue.....	Patrick Farley.....	Wm. M. Dean.....	James W. Hazlett.....	300 days.....	4,205 20	.....	.....	.....
One Hundred and Seventh street, Fifth avenue to Harlem river.....	Daniel Crowley.....	M. Lovell.....	Bryan Gaughan.....	300 days.....	45,720 00	22,800 00	6,840 00	15,960 00
One Hundred and Forty-sixth street, Tenth avenue to Boulevard.....			Michael H. Whalen.....	100 days.....	9,982 50	1,785 00	535 50	1,249 50
Total.....					\$487,426 23	\$192,353 07	\$57,705 94	\$134,647 13

SPECIAL CONTRACTS (UNDER \$1,000).

Flagging sidewalks—								
Fifty-eighth street, southeast corner of Ninth avenue to house No. 344.....	Thomas L. Butler.....	Jacob Rudolph.....			\$200 60			
Fencing vacant lots—								
Broadway, Forty-second to Fifty-ninth street.....	George F. Doak.....	P. M. Dowd.....			54 40			
Second and Third avenues, Seventy-first to Seventy-second street.....	George F. Doak.....	P. M. Dowd.....			188 68			
Total.....					\$443 68			

OLD CONTRACTS SUSPENDED.

Fourth avenue, Fifty-eighth to Seventy-first street.....	Patrick Farley.....	R. Foley.....	Suspended.....	2 years.....	\$48,185 82	\$42,232 65	\$12,669 76	\$29,562 89
Eighty-first street, Second avenue to East river.....	M. J. Bannon.....	Frank E. Towle.....	Suspended.....	200 days.....	16,208 90	3,840 00	1,152 00	2,688 00
Total.....					\$64,394 72	\$46,072 65	\$13,821 76	\$32,250 89

BUREAU OF STREET IMPROVEMENTS,
NEW YORK, June 30, 1877.

QUARTERLY REPORT OF THE BUREAU OF STREET IMPROVEMENTS.

Statement showing the amount of work done during the months of April, May, and June, 1877.

Earth excavated.....	Cubic yards.....	5,801
Rock excavated.....	".....	12,356
Filling furnished.....	".....	116,183
Curb and gutter stones set.....	Lineal feet.....	9,803 11¼
Curb and gutter stones reset.....	".....	194 2
Flagging laid.....	Square feet.....	38,148 4¾
Flagging relaid.....	".....	113 2
Bridge stones furnished.....	".....	920 4
Board fence built.....	Lineal feet.....	400 5

PERMITS ISSUED.

853 permits to repair sidewalks.

WORKS COMPLETED.

Regulating, grading, curb, gutter, and flagging—	
Forty-fourth street, from First to Third avenue.	
Ninety-ninth street, from Eighth to Eleventh avenue.	
One Hundred and Thirteenth street, from Morningside to Riverside Drive.	
One Hundred and Fifteenth street, from Eighth avenue to Harlem river.	
Curb, gutter, and flagging—	
Eightieth street, from Fourth to Madison avenue.	
Flagging sidewalks—	
East side of Fifth avenue, from Fifty-eighth to Sixty-fourth street.	
East side of West street, from Horatio to Gansevoort street.	
South side of One Hundred and Seventeenth street, from Lexington to Fourth avenue.	
Fencing vacant lots—	
Northeast corner of Sixth avenue and Fifty-fourth street.	
South side of Forty-third street, from Lexington to Third avenue.	

AMOUNT OF VOUCHERS DRAWN.

On account of Street Regulating, Grading, etc.....	\$52,450 10
" " Street Improvements, for Street Signs, etc.....	548 20
Total.....	\$52,998 30

GEO. A. JEREMIAH,
Superintendent of Street Improvements.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF SEWERS, ROOM NO. 21, CITY HALL,
NEW YORK, July 5, 1877.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—In compliance with your instructions I beg leave to hand you herewith a report of the transactions of this Bureau for the quarter ending June 30, 1877.

Respectfully,
STEVENSON TOWLE,
Engineer in charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE BUREAU OF SEWERS FOR THE QUARTER ENDING JUNE 30, 1877.

Credits to General Fund—	
Amount received for 269 permits for sewer connections.....	\$4,126 16
Vitrified Stoneware Pipe—	
Amount received for pipe sold to contractors and credited to Street Improvement Fund.....	\$637 30
Engineers' Fees—	
Amount of Engineers and Surveyors' fees assessed on property benefited, charged on assessment lists and credited to Street Improvement Fund.....	\$7,755 00
Sewers—Repairing and Cleaning, 1876—	
Unexpended balance, March 31, 1877.....	\$3,118 73
Transferred by Board of Estimate and Apportionment.....	\$3,118 73
Sewers—Repairing and Cleaning, 1877—	
Unexpended balance, March 31, 1877.....	\$52,089 81
Vouchers transmitted to the Commissioner of Public Works:	
Pay-roll—Mechanics and Laborers.....	\$10,415 39
Sundries.....	1,213 22
Balance, June 30, 1877.....	40,461 20
Total.....	\$52,089 81
Sewer Repair Stock—	
Unexpended balance, March 31, 1876.....	\$563 03
Street Improvement Fund—	
Vouchers transmitted to the Commissioner of Public Works.....	\$87,446 84
Pay-rolls of Engineers, etc.....	\$10,475 77
Pay-rolls of Inspectors on Sewers.....	3,684 00
On contracts for sewers.....	73,128 67
Sundries.....	158 40
Total.....	\$87,446 84

1,420 receiving-basins and culverts cleaned.
3,550 lineal feet of sewer cleaned.
98 lineal feet of sewer rebuilt.
107 lineal feet of culvert rebuilt.
87 lineal feet of spur pipe laid.
90 lineal feet of curb and gutter stone reset.
15 lineal feet of new curb-stone put on.
150 square yards of Belgian pavement relaid.
1 receiving-basin rebuilt.
142 receiving-basins repaired.
10 new granite basin-heads put on.
6 basin-heads reset.
9 new basin covers put on.
19 basin covers replaced.
15 new granite gutter stones put on.
95 man-holes repaired.
24 new man-hole frames and covers put on.
56 man-hole frames and covers reset.
16 new man-hole covers put on.

4,624 lineal feet of sewer built.
77 lineal feet of culvert built.
5 receiving-basins built, and
2,046 piles driven.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS, ROOM 19, CITY HALL,
NEW YORK, July 5, 1877.

Balance unexpended April 1, 1877	\$18,804 47
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Pay-roll of Laborers, etc., for two weeks ending March 31.....	\$319 00
“ “ “ “ April 15.....	544 40
“ “ “ “ April 30.....	546 20
“ “ “ “ May 15.....	776 40
“ “ “ “ May 31.....	779 80
“ “ “ “ June 15.....	756 20

Michael Donohue, Jr., gravel.....	840 00
" " ".....	840 00

P. Daily, repairing tools, etc., for the month of February	51	11
“ “ “ “ March	43	20
“ “ “ “ June	84	40

Russell & Erwin Manufacturing Co., supplies.	36 80
Pollock & Van Wagenen, supplies.	20 50
William McDonald, earth filling	530 00

lime stone chips.....	900 00
broken stone.....	720 00
lime stone chips.....	900 00
broken stone.....	720 00
lime stone chips.....	900 00

Balance unexpended July 2, 1877.....	\$8,496 46
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Traveling expenses of James J. Mooney, Superintendent of Streets, paid from Contingencies—Department of Public Works	\$62 50
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Respectfully,
JAMES J. MOONEY,
Superintendent of Streets.

CITY OF NEW YORK, DEPARTMENT OF PUBLIC WORKS,
BUREAU OF REPAIRS AND SUPPLIES,
SUPERINTENDENT'S OFFICE, CITY HALL, ROOM 18,
NEW YORK, July 2, 1877.

The statements marked "A," "B," and "C," hereto annexed, show the number and amount of certified vouchers drawn during the three months, also show where the same has been charged, and also show the condition of the appropriations for 1876 and 1877, upon which vouchers have been drawn.

Respectfully,
THOMAS KEECH, Sup't Repairs and Supplies.

Showing the Number and Amount of Vouchers drawn on account of the Appropriations therein named, from April 1, 1877, to June 30, 1877, inclusive, from the Appropriations of 1876 and 1877.

TITLE OF APPROPRIATIONS.	NUMBER OF VOUCHERS.	AMOUNT.
Supplies for and Cleaning Public Offices.....	108	\$35,550 75
Public Buildings—Construction and Repairs.....	77	8,340 39
Third District Court-house Fund	32	21,353 22
Free Floating Baths.....	8	2,751 65
Additional Free Floating Baths.....	8	4,397 95
Contingencies—Department of Public Works	1	62 50
Totals.....	234	\$72,456 46

Showing the Amount of Expenditures for which Certified Vouchers have been drawn on account of the several Appropriations therein named, and also showing the Courts, Departments, etc., to which the same has been charged, from April 1, 1877, to June 30, 1877, both inclusive.

NAMES OF COURTS, DEPARTMENTS, ETC.	Supplies for and Clean- ing Public Offices.	Public Buildings— Construction and Repairs.	Third District Court- house.	Free Floating Baths.	Additional Free Floating Baths.	Contin- gencies-- Depart- ment Public Works.	TOTALS.
First District Police Court.....	\$126 16	\$180 89					\$307 05
Second " ".....	750 46	5 46					764 92
Third " ".....	10 75	69 36					80 11
Fourth " ".....	387 62						387 62
Fifth " ".....		64 68					64 68
First District Civil Court.....	152 50						152 50
Second " ".....	116 50						116 50
Third " ".....	1,316 99						1,316 99
Fourth " ".....	143 22						143 22
Fifth " ".....	172 35	33 33					205 68
Sixth " ".....	24 25						24 25
Ninth " ".....	52 00						52 00
Court of General Sessions.....	20 00						20 00
Court of Special Sessions.....	15 75						15 75
Supreme Court.....	5 00						5 00
Superior Court.....	4 50						4 50
Marine Court.....	59 25	11 08					70 33
Court of Common Pleas.....	6 50						6 50
Washington Market.....		618 02					618 02
Jefferson ".....		163 95					163 95
Clinton ".....		491 30					491 30
Pulmon ".....		142 02					142 02
Mayor's Office.....	345 62	15 64					361 26
Contract Clerk's Office.....	20 00						20 00
Bureau of Repairs and Supplies.....	4,829 92	314 10				\$62 50	5,206 52
Bureau of Repairs and Supplies Pay- rolls.....	23,606 52	644 00					24,250 52
Bureau of Lamps and Gas.....	67 93	115 26					183 19
Bureau of Incumbrances.....	4 00						4 00
Bureau of Sewers.....	9 00						9 00
Bureau of Chief Engineer.....	65 00						65 00
Bureau of Water Register.....	4 50						4 50
Bureau of Water Purveyor.....	6 71						6 71
Department of Finance.....	449 00						449 00
Department of Taxes and Assess- ments.....	7 36						7 36
Corporation Counsel.....		22 00					22 00
Corporation Attorney.....	488 40						488 40
Public Administrator.....	172 89						172 89
Commissioners of Accounts.....		22 50					22 50
City Hall.....	571 90	763 46					1,335 36
City Record.....	64 24						64 24
New Court-house.....	484 03	1,046 27					1,530 30
Free Floating Baths.....				\$2,751 65			2,751 65
Additional Free Floating Baths.....					\$4,397 95		4,397 95
County Clerk's Office.....	276 00	97 10					373 50
Brown-stone Building.....	21 00	181 86					202 86
County Jail.....	45 00	332 90					377 90
Corporation Yard, Rivington st.....	5 25	76 60					81 85
Board of Aldermen.....	102 16						102 16
Register's Office.....		245 78					245 78
First Troop Cavalry Armory.....	153 50						153 50
Surrogate's Office.....	38 00						38 00
Barrow street, No. 70.....		140 00					140 00
Third District Court-house.....	237 96	322 55	\$21,353 22				21,913 73
City Prison.....	69 83	69 83					139 66
Beckman street, No. 49.....	102 06	1,371 14					1,473 20
Fifty seventh Street Court-house.....		35 27					35 27
Engine-house, City Hall Park.....		64 64					64 64
Chatham street, No. 61.....		496 00					496 00
" ".....		240 00					240 00
93.....							
	\$35,550 75	\$8,340 49	\$21,353 22	\$2,751 65	\$4,397 95	\$62 50	\$72,456 46

Showing the condition of the Appropriations of 1876 and 1877, upon which Vouchers have been drawn since last report.

Supplies for and Cleaning Public Offices, 1876—	
Balance March 31, 1877.....	\$8,162 51
Vouchers transmitted from April 1 to June 30, 1877.....	381 00

Balance June 30, 1877.....	\$7,781 51
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Supplies for and Cleaning Public Offices, 1877—	
Balance March 31, 1877.....	\$82,266 98
Vouchers transmitted from April 1 to June 30, 1877.....	35,169 75

Public Buildings—Construction and Repairs, 1876—	
Balance March 31, 1877.....	\$259 59
Vouchers transmitted from April 1 to June 30, 1877.....	140 00

Balance June 30, 1877.....	\$119 59
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Public Buildings—Construction and Repairs, 1877—	
Balance March 31, 1877.....	\$34,076 07
Special appropriation for erection of Dog Pound.....	3,934 82

Total.....	\$38,010 89
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Balance June 30, 1877.....	\$29,810 50
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Third District Court-house Fund—	
Amount placed to credit of fund	\$23,979 27
Vouchers transmitted from April 1 to June 30, 1877	21,353 22

Balance June 30, 1876.....	\$2,626 05
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Free Floating Baths, 1877—	
Balance March 31, 1877	\$9,823 00
Vouchers transmitted from April 1 to June 30, 1877.....	2,751 65

Balance June 30, 1877.....	\$7,071 35
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Additional Free Floating Baths, 1877—	
Balance March 31, 1877.....	\$29,599 87
Vouchers transmitted from April 1 to June 30, 1877.....	4,397 95

Balance June 30, 1877.....	\$25,201 92
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DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, July 5, 1877.

In Exhibit "A" will be found an abstract of all vouchers certified during the quarter. Exhibit "B" is a statement showing the amounts expended for gas to the several public markets, offices, etc., and for fitting up, repairing and lighting the public lamps, etc. Exhibit "C" is a summary of the

appropriation for "lamps and gas" for 1877, showing an expenditure during the quarter of one hundred and sixty-two thousand seven hundred and fourteen dollars and thirty-eight cents (\$162,714.38), and for the six months of two hundred and ninety-three thousand one hundred and twenty-seven dollars and ninety-one cents (\$293,127.91), with the list of liabilities for lighting public lamps, etc., for month of June, amounting to fifty-one thousand two hundred and twenty-six dollars and thirty-six cents (\$51,226.36), leaving an available balance of three hundred and eighty thousand six hundred and forty-five dollars and seventy-three cents (\$380,645.73). Exhibit "D" is a summary of the "Lamp Account," and shows the number of new lamps lighted, old lamps relighted, and lamp discontinued by each gas company during the quarter, and the total number of lamps burning under the supervision of the Department of Public Works, on June 30, to be twenty thousand six hundred and six.

The painting of the lamp-posts and lanterns is now being done by the several gas companies in accordance with that specification of the contracts which requires that this work shall be done once during the year, and between the first day of May and the first day of November. A great improvement in the condition of the public lamps can already be seen; the lamps of the Manhattan Company being especially notable for their neat and glossy appearance and the increased amount of light afforded by the clear white paint on the inner side of the lantern.

The resolution of the Common Council directing that lamps be placed at regular distances on the Third avenue, from Westchester avenue to the northern boundary of the Twenty-third Ward, has been complied with by the erection of forty-eight new lamps, and the removal and resetting of thirty-one old lamps at their proper places. This avenue is now lighted its entire length, from Harlem river to the northern limits. New lamps have also been erected in Mott avenue, in the above ward, by direction of the Common Council, which completes the lighting of the same.

In view of the accidents which have occurred on the river-fronts the Common Council has adopted a resolution directing that lamps be erected and lighted on the public piers, the same to be done by this Department in co-operation with the Department of Docks. Deeming it essential that lights should be placed on the piers, or at least on those used for passenger landings, the Department of Docks has been notified that the Bureau of Lamps and Gas is ready, at any time, to perform its portion of the work. As the piers, however, are under the exclusive care and control of the Department of Docks, of course the Department of Public Works can do nothing toward the lighting until the necessary action is taken by the former Department, which, I learn, is about being done.

A petition having been received by you from the property-owners and residents of Riverdale, in the Twenty-fourth Ward (prior to annexation of the town of Kingsbridge), requesting that lamps be erected and lighted at said place, and the same having been referred to this office for examination and report, I visited all the streets and places of that locality and found there many valuable residences and two churches, with not a solitary street lamp in the place, although gas-mains had been laid by the Yonkers Gas-light Company some fifteen years ago. The streets and roads were exceedingly dark in consequence of the heavy foliage of the trees in the court-yards and gardens; and driving at night was quite difficult and perhaps dangerous. Deeming, therefore, that light was absolutely necessary, both for the protection and comfort of the inhabitants, I recommended that from fifty to seventy-five lamps be erected, and this having met your approval, proposals for the same were received by the Gas Commission on the 2d inst. When the award is made and the contract executed I will proceed to the erection of the lamp-posts in order that the lamps may be lighted on the 16th instant or within a few nights thereafter.

The inspectors of this bureau have made a thorough examination of all the corner lamps throughout the city, for the purpose of ascertaining the number and names of street signs required. These useful guides have all been ordered and a portion has been delivered, but I have not deemed it prudent to place the same in the lanterns while the painting was being done. Within the next two weeks the painting will have been completed, and then the lanterns will appear with a fresh dress of bright paint and the full complement of street signs.

I have given considerable attention to the naphtha lamps, twenty-one hundred in number, which are lighted in that section of the city lying north of Seventy-ninth street and east of Third avenue, and while I find a good light on calm nights, although, of course, not equal to gas, yet I am not satisfied as to their cleanliness, and, in consequence of the glass not being cleaned as frequently and as thoroughly as is necessarily required for these lamps, much of the light is inevitably lost. The attention of the contractor has been called to this matter, and I am promised that the lanterns shall receive better care in the future. A regular record is kept of all of these lamps which are reported by the police as not burning, and a reduction is made therefrom from the monthly bills.

On March 27 last, a resolution was adopted by the Common Council, and approved by his Honor the Mayor on April 4, directing that suitable rooms be "procured on Grand street and also on Seventy-ninth street, and that the same be properly fitted up with the necessary apparatus for testing the illuminating power of the gas supplied to the city by the several gas-light companies, and the consuming capacity of the burners supplied to the public lamps."

In accordance with the directions contained in said resolution a suit of two rooms has been obtained in the building known as "Odd-Fellows Hall," situated on the southeasterly corner of Grand and Centre streets. These rooms have been fitted up in the most thorough and perfect manner with apparatus manufactured expressly for this city, the strictest attention having been given to every detail in order that the results may be accurate in every respect and beyond dispute. At this place every question in regard to the specific gravity, quality and candle-power of illuminating gas, can be determined, as well as the consuming capacity of gas-burners and the correctness of a meter-prover, or an experimental or test meter. At the same time the question of pressure has not been overlooked, inasmuch as pressure registers have been set by which the pressure on the mains of the several gas companies is constantly recorded. The adjusting and testing of the apparatus will be completed in the course of the ensuing week, and then regular daily observations will be made and the reports will be furnished weekly to the CITY RECORD in connection with the several weekly reports of this Bureau.

At the above-mentioned rooms the gases of the New York, Manhattan, Mutual and Municipal Gas Companies can be examined. I have been unable, thus far, to obtain a suitable place on Seventy-ninth street (for the gases of the Harlem and Metropolitan Companies), but expect to procure one during the ensuing month. When rooms are fitted up on this street the public will be aware of the quality of the gas manufactured by all the gas companies of this city, and this Department will have the satisfaction of knowing, through its own resources, whether the contracts of the several gas companies are strictly complied with. I had proposed to give a description of the different apparatus already fitted up, and the several uses for which they are to be applied, but, inasmuch as the same has not yet been adjusted and tested, I will defer doing so until my next quarterly report.

In my report of the 31st December last, I gave a synopsis of all the grants or franchises authorizing the laying of gas-mains in this city up to that date. Since then, permission has been given a new company, styled "the Municipal Gas-light Company," for the laying of mains in all the streets throughout the city, and the permission so given is hereto annexed as Exhibit "E."

All of which is respectfully submitted,

S. McCORMICK,
Superintendent of Lamps and Gas.

EXHIBIT "A."

Abstract of Vouchers certified by the Superintendent of Lamps and Gas on account of the Appropriation for Lamps and Gas, etc., for the Quarter ending June 30, 1877.

DATE OF VOUCHER.	NO. OF VOUCHER.	IN WHOSE FAVOR.	FOR WHAT PURPOSE.	AMOUNT.
1877.				
Mar. 31	291	New York Gas-light Co.	Lighting public lamps, month of March.	\$6,267 34
" 31	292	Manhattan Gas-light Co.	Lighting public lamps, month of March.	10,345 33
" 31	293	Metropolitan Gas-light Co.	Lighting public lamps, month of March.	11,225 50
" 31	294	New York Mutual Gas-light Co.	Lighting public lamps, month of March.	881 22
" 31	295	Harlem Gas-light Co.	Lighting public lamps, month of March.	14,358 01
Feb. 21	296	E. P. Gleason Manufacturing Co.	Naphtha, etc.	3 20
Mar. 31	297	J. W. Bartlett.	1 Boulevard lamp, etc.	8 50
" 31	298	Russell & Erwin Manufacturing Co.	1 doz. bolts and rivets.	45
April 2	299	Central Gas-light Co.	Lighting public lamps, month of March.	5,661 25
" 2	300	Central Gas-light Co.	Lighting public lamps, month of March.	37 70
" 2	301	Suburban Gas-light Co.	Lighting public lamps, month of March.	3,883 33
" 2	302	Suburban Gas-light Co.	Lighting public lamps, month of March.	93 26
" 5	303	E. F. Holbrook & Bros.	20 boxes glass.	71 20
" 5	304	Edgar Close.	100 street-lamps.	290 00
" 30	305	Pay-roll.	Inspectors, month of April.	400 00
" 30	306	Pay-roll.	Lighters of Markets, month of April.	95 00
May 1	307	Central Gas-light Co.	Lighting public lamps, month of April.	5,666 25
" 1	308	Central Gas-light Co.	Lighting public lamps, month of April.	21 70
" 1	309	Suburban Gas-light Co.	Lighting public lamps, month of April.	3,883 33
" 1	310	Suburban Gas-light Co.	Lighting public lamps, month of April.	145 21
April 21	311	The J. L. Mott Iron Works.	50 lamp-posts.	540 00
" 25	312	J. W. Bartlett.	50 Boulevard lamps.	300 00
" 2	313	E. P. Gleason Manufacturing Co.	100 street lamps.	290 00
" 30	314	New York Gas-light Co.	Gas to public markets, etc., month of April.	1,173 36
" 30	315	Manhattan Gas-light Co.	Gas to public markets, etc., month of April.	669 84
" 30	316	Metropolitan Gas-light Co.	Gas to Fourth District Police Court, month of April.	22 50
" 30	317	Harlem Gas-light Co.	Gas to public offices, etc., month of April.	93 22
" 17	318	Alexander Brandon.	200 street lamps.	556 00
" 24	319	Campbell, Brick & Co.	50 lamp-sockets with frames.	93 50

DATE OF VOUCHER.	NO. OF VOUCHER.	IN WHOSE FAVOR.	FOR WHAT PURPOSE.	AMOUNT.
April 30	321	New York Gas-light Co.	Lighting public lamps, month of April.	\$4,386 55
" 30	322	Manhattan Gas-light Co.	Lighting public lamps, month of April.	7,186 29
" 30	323	Metropolitan Gas-light Co.	Lighting public lamps, month of April.	8,880 16
" 30	324	New York Mutual Gas-light Co.	Lighting public lamps, month of April.	5,338 37
" 30	325	Harlem Gas-light Co.	Lighting public lamps, month of April.	8,046 08
" 30	326	N. Y. and N. J. Globe Gas-light Co.	Lighting public lamps, month of April.	2,563 73
May 9	327	The J. L. Mott Iron Works.	200 crossheads.	300 00
" 10	328	J. W. Bartlett.	1 Boulevard globe (green).	2 50
" 15	329	E. P. Gleason Manufacturing Co.	Repairing 558 street lamps.	334 80
" 15	330	The J. L. Mott Iron Works.	50 lamp-posts, for Twenty-third Ward.	540 00
" 17	331	Alexander Brandon.	50 street lamps, for Twenty-third Ward.	145 00
" 17	332	The J. L. Mott Iron Works.	25 crossheads.	37 50
" 18	333	The J. L. Mott Iron Works.	6 lamp-brackets.	200 00
" 18	334	The J. L. Mott Iron Works.	200 lamp-irons.	400 00
" 31	335	Pay-roll.	Inspectors, month of May.	400 00
" 31	336	Pay-roll.	Lighters of Markets, month of May.	95 00
June 1	337	Central Gas-light Co.	Lighting public lamps, month of May.	5,666 25
" 1	338	Central Gas-light Co.	Lighting public lamps, month of May.	44 70
" 1	339	Suburban Gas-light Co.	Lighting public lamps, month of May.	3,883 33
" 1	340	Suburban Gas-light Co.	Lighting public lamps, month of May.	145 21
May 31	341	New York Gas-light Co.	Gas to public markets, etc., month of May.	949 92
" 31	342	Manhattan Gas-light Co.	Gas to public markets, etc., month of May.	516 72
" 31	343	Metropolitan Gas-light Co.	Gas to Fourth District Police Court, month of May.	16 75
" 31	344	Harlem Gas-light Co.	Gas to public offices, month of May.	78 09
" 31	345	J. W. Bartlett.	100 Boulevard lamp-tops.	200 00
" 31	346	Edgar Close.	150 street lamps.	432 00
" 31	347	New York Gas-light Co.	Lighting public lamps, month of May.	4,343 14
" 31	348	Manhattan Gas-light Co.	Lighting public lamps, month of May.	9,067 80
" 31	349	Metropolitan Gas-light Co.	Lighting public lamps, month of May.	8,880 17
" 31	350	New York Mutual Gas-light Co.	Lighting public lamps, month of May.	1,466 72
" 31	351	Harlem Gas-light Co.	Lighting public lamps, month of May.	5,981 92
" 31	352	N. Y. and N. J. Globe Gas-light Co.	Lighting public lamps, month of May.	4,812 65
June 9	353	J. W. Bartlett.	100 Boulevard lamp-globes.	200 00
" 9	354	J. W. Bartlett.	50 Boulevard lamp-tops.	92 50
" 30	355	Pay-roll.	Lighters of Markets, month of June.	95 00
" 30	356	Pay-roll.	Inspectors, month of June.	400 00
" 30	357	New York Gas-light Co.	Gas to public markets, etc., month of June.	819 12
" 27	358	Manhattan Gas-light Co.	Gas to public markets, etc., month of June.	420 00
" 27	359	Metropolitan Gas-light Co.	Gas to public offices, month of June.	17 00
" 27	360	Harlem Gas-light Co.	Gas to public offices, month of June.	70 11
" 28	361	E. P. Gleason Manufacturing Co.	2,866 glass street signs.	573 20
Total amount of vouchers drawn for lamps and gas.				\$162,714 38
On Account of Contingencies—Department Public Works.				
April 2	290	S. McCormick.	Hire of horse and wagon and traveling expenses.	\$62 50
" 30	320	Edward G. Love.	Traveling expenses to Philadelphia—examining photometers, etc.	10 00
Total amount of vouchers drawn for Contingencies, Department of Public Works				\$72 50

EXHIBIT "B."

Statement showing the Amounts paid for Gas to the various Public Markets, Offices, etc., and for Fitting up, Repairing, and Lighting the Public Lamps, etc., for the Quarter ending June 30, 1877.

Washington Market	\$483 12
Catharine Country Market.	29 76
Catharine Meat	21 12
Fulton	136 08
Fulton Country	318 24
Essex Market.	180 72
Centre	313 20
Clinton	247 20
Union	33 12
Tompkins	166 08
Jefferson	110 16
First District Police Court.	\$234 00
Second " "	75 36
Third " "	98 40
Fourth " "	48 25
Fifth " "	14 29
Second District Civil Court.	15 60
Third " "	3 60
Fourth " "	3 12
Fifth " "	7 44
Sixth " "	1 44
Eighth " "	5 76
Ninth " "	2 47
Marine Court.	6 00
Court of Special Sessions.	2 64
Brown-stone (Court-room) Building.	\$36 24
New Court-house.	839 04
City Hall	607 68
Receiver of Taxes' Office.	159 36
Corporation Attorney's Office.	40 56
Rivington Street Pipe Yard.	4 08
Department of Buildings Office.	1 20
County Jail.	338 88
South Gate-house.	14 02
Engine-house at Highbridge.	204 87
Engineer of Boulevards Office.	55
Public Bath, Gouverneur Slip.	\$12 96
" Bethune street	11 76
" East Thirty-seventh street.	6 00
" West Fifty-first street.	2 00
" Fifth street, East river.	5 04
" East One Hundred and Fourteenth street.	5 22
Lighting Public Markets (pay-rolls).	\$285 00
Inspectors of Lamps (pay-rolls).	1,200 00
New lamp-posts.	540 00
New street-lamps.	1,568 00
New Boulevard lamps.	803 50
New crossheads.	337 50
New lamp-irons.	200 00
New lamp-brackets.	9 00
Glass.	71 20
Glass street-signs.	573 20
Fitting up new lamp-posts.	490 00
Repairing public lamps.	335 25
Resetting and repairing lamp-posts.	1,768 00
New street-lamps, Twenty-third and Twenty-fourth Wards.	145 00
New lamp-posts, " "	540 00
New lamp-irons, " "	93 50
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.	39 00
Lighting Public Lamps (gas).	\$112,625 00
" " (naphtha).	7,152 08
" " Twenty-third and Twenty-fourth Wards.	29,092 52
Total.	\$162,714 38

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER, ROOM 10, CITY HALL,
NEW YORK, July 2, 1877.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—I herewith transmit statement of moneys received for water rents, penalties, and taps, for the quarter ending June 30, 1877:

	Principal.	Penalties.	Taps.
April.....	\$27,337 45	\$732 30	\$651 00
May.....	144,459 82	527 40	971 00
June.....	156,127 67	355 65	579 00
Total.....	\$327,924 94	\$1,615 35	\$2,201 00

Total..... \$331,741.29.

Also for rent of meters, and placed to "Special Meter Deposit Fund," from April 2, 1877, to date:

April.....	\$350 00
May.....	1,428 00
June ..	1,155 00
Total.....	\$2,933 00

Respectfully submitted,
J. H. CHAMBERS, Water Register.DEPARTMENT OF PUBLIC WORKS,
BUREAU OF INCUMBRANCES,
June 30, 1877.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

SIR—In accordance with the Laws of 1873, chapter 335, section 27, I herewith submit report of the operations of this Bureau for the past three months, April, May, and June.

There have been received at this Bureau 650 complaints against obstructions and incumbrances on the sidewalks and streets of this city. Notices have been served in all cases, and unless authorized by permit or ordinance, the incumbrance has in most cases been removed either by the owner or by this Bureau.

There have been 166 removals of merchandise, trucks, signs, etc., to the Corporation yards or other suitable place; also, lot of stone, dirt, etc., from Fifty-eighth street, between First and Second avenues, and also, lot of stone and dirt from Fifty-seventh street, between Fifth and Sixth avenues, at an expense of \$412.40.

Three hundred and ninety-eight (398) obstructions have been removed by owners on service of notice.

There has been received from persons redeeming property the sum of \$138.21, and from sales at the Corporation yards \$157.17, making a total of \$295.78, which amount has been paid to the City Chamberlain.

There have been issued 1,938 builder's permits upon application of owners and builders to temporarily occupy the streets with material.

There have been issued and served on owners and agents 62 notices to repair sidewalks, curb and gutter stones, which have been in most cases complied with.

There have been granted 4 permits to cut down trees, and also, 76 special permits; notices have been served to replace 2 dangerous vault covers.

Respectfully,
SETH C. DOUGLASS,
Superintendent of Incumbrances.DEPARTMENT OF PUBLIC WORKS,
CONTRACT CLERK'S OFFICE—ROOM 21, CITY HALL,
NEW YORK, July 5, 1877.

Hon. ALLAN CAMPBELL, Commissioner of Public Works:

DEAR SIR—In compliance with the provisions of chapter 335, section 110, of the Laws of 1873, and agreeably to your instructions, I transmit herewith the record of all the business transacted in this office during the months of April, May and June of the present year.

Very respectfully yours,
AUGUSTUS T. DOCHARTY,
Contract Clerk.

Contracts entered into during the Three Months ending June 30, 1877.

DATE	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
1877.				
May 4	Sewer in Tenth avenue, between Fifty-seventh and Fifty-ninth streets.....	John Bulger, 213 E. 44th street....	Thomas Gearty, 813 Lexington ave... Bryan McKenny, 1347 Third avenue....	\$2,490 00
	Regulating Grading, etc.			
May 14	Regulating, grading, etc., Tenth avenue, from Ninety-fifth to One Hundred and Tenth street.....	John Slattery, 788 Fourth avenue....	James Slattery, 257 W. 57th street... William Hullivan, 349 W. 53d street....	\$15,857 28
June 2	Regulating and grading One Hundred and Sixth street, from Madison to Fourth avenue.....	Edward Bradburn, 1241 Lexington ave..	B. Maloney, 1395 Lexington ave.. John Ryan, 44 Prince street.....	4,206 20
	Paving Contracts.			\$20,063 48
May 22	Regulating and paving Broadway, from Manhattan to One Hundred and Thirty-third street, with granite pavement.....	George F. Doak, 418 W. 57th street...	George Caulfield, 291 Broadway..... M. B. Brown, 770 Lexington ave...	\$15,426 74
Apr. 27	Paving One Hundred and Thirteenth street, from Third to Fourth avenue, with Belgian pavement.....	James Everard, 307 & 309 E. 40th st..	Thomas J. McCahill, 351 Lexington ave... Solomon Mehrbach, 155 W. 44th street...	3,876 00
" 27	Paving Fourth avenue, from the north to the south side of Seventy-first street, with Belgian pavement.....	James Everard, 307 & 309 E. 40th st..	Thomas J. McCahill, 351 Lexington ave... Solomon Mehrbach, 155 W. 44th street...	922 90
May 14	Paving Fifty-sixth street, from Madison to east side of Fourth avenue, with granite pavement.....	John Slattery, 788 Fourth avenue....	James Slattery, 257 W. 57th street... William Hullivan, 349 W. 53d street....	2,358 16
	Awarded under Chapter 476, Laws of 1875.			\$22,583 80
May 21	Paving Franklin street, from West Broadway to Centre street; Wall street, from William to Hanover street, and Rector street, from Broadway to West street, with granite pavement.....	James Everard, 307 & 309 E. 40th st..	John Nesbit, 165 Lexington ave... S. Mehrbach, 155 W. 44th street...	\$14,951 50
" 21	Paving Ferry street, from Gold street to Peck slip; Spruce street, from Nassau to Gold street, and Nassau street, from Spruce to Wall street, with granite pavement.....	William Everard, 307 E. 40th street....	James Everard, 51 E. 20th street.... Solomon Mehrbach, 155 W. 44th street...	16,406 60
" 22	Paving John street, from Broadway to Water street, and Dey street, from Broadway to West street, with granite pavement.....	George F. Doak, 418 W. 57th street...	M. B. Brown, 770 Lexington ave... George Caulfield, 291 Broadway.....	19,851 10
" 22	Paving Maiden Lane, from Broadway to South street; Liberty street, from Maiden Lane to West street, and Cortlandt street, from Broadway to South street, with granite pavement.....	George F. Doak, 418 W. 57th street...	M. B. Brown, 770 Lexington ave... George Caulfield, 291 Broadway.....	30,562 60

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED C. ST.
June 21	Paving Washington street, from Liberty street to Battery place, and Pearl street, from Fulton street to Coenties slip, with Belgian pavement.....	M. Shannon, Jersey City.....	Hugh Reilly, 638 Second avenue... M. Kane, 126 E. 70th street....	\$14,510 40
" 25	Paving Warren street, from Broadway to West street, and Murray street, from Broadway to West street, with granite pavement.....	M. Shannon, Jersey City.....	Hugh Reilly, 638 Second avenue... M. Kane, 126 E. 70th street....	26,702 50
	Croton-main Contracts.			\$129,984 70
May 9	Laying Croton-mains in First avenue, between Forty-eighth and Seventieth streets.....	R. & J. Cunningham, 746 Lexington avenue	D. Babcock, 161 Broadway..... H. Stollmeyer, 22 E. 75th street.... J. Cunningham, 746 Lexington ave...	\$18,648 00
June 20	Laying Croton-mains in First avenue, between Thirty-seventh and Forty-eighth streets.....	C. Keyes, 170 E. 93d street....	R. Cunningham, 746 Lexington ave...	12,488 00
" 27	Laying Croton-mains in One Hundred and Thirty-fourth, Fifty-fourth, Ninetieth, One Hundred and Forty-fifth, One Hundred and Forty-sixth streets, Eleventh avenue, Ninety-sixth, One Hundred and Eighth, Ninety-ninth, One Hundred and Sixth, and Seventy-fifth streets.....	J. D. Moore, 220 E. 105th street...	C. Devlin, 311 E. 57th street.... P. T. Maginn, 416 W. 57th street...	3,035 80
	Miscellaneous Contracts.			\$34,171 80
Mar. 29	Furnishing, delivering, planting, and caring for 1,586 elm and maple trees.....	O. Van Courtlandt, Sing Sing, N. Y.....	E. H. Coutant, Sing Sing, N. Y..... Richard Coutant, Sing Sing, N. Y.....	\$4,641 90
Apr. 11	Furnishing Department of Public Works 1,200 gross tons of coal.....	James H. Graham, Avenue A & 90th st.	James Gonoude, 2d ave. and 80th st.. Felix J. O'Neil, 84 Madison street....	4,050 00
" 13	Furnishing Department of Public Works cast-iron water-pipes, branch pipes, and special castings.....	Warren Foundry and Machine Co., Phillipsburg, N. J...	W. H. Davis, 142 E. 18th street.... W. G. Schenck, 54 W. 46th street....	56,540 00
May 7	Furnishing Department of Public Works cast-iron water-pipes, branch pipes, and special castings.....	Warren Foundry and Machine Co., Phillipsburg, N. J...	W. H. Davis, 142 E. 18th street.... R. Campbell, 5 Madison avenue...	24,200 00
				\$89,431 90
" 14	Flagging east side of Fifth avenue, from Fifty-eighth to Sixty-fourth street.....	John S. Masterson, 127th st. and 7th ave.	Sureties not required.	\$607 80
" 14	Flagging east side of West street, between Horatio and Gansevoort streets.....	John S. Masterson, 127th st. and 7th ave.		235 47
" 14	Flagging east side of One Hundred and Seventeenth street, from Lexington to Fourth avenue.....	John S. Masterson, 127th st. and 7th ave.		164 64
" 25	Flagging Fifty-eighth street, from southwest corner of Ninth avenue to house No. 344.....	T. L. Butler, 291 Broadway.....		200 60
" 24	Curb and gutter Sixty-fourth street, from Eighth to Ninth avenue.....	George F. Doak, 418 W. 57th street...		573 62
				\$1,782 13
" 24	Fencing northwest corner of Sixth avenue and Fifty-fourth street.....	P. Burns, 311 E. 56th street....	Contracts amounting to less than \$1,000 each, awarded by competition.	\$129 00
June 19	Fencing vacant lots on plot of ground by Second and Third avenues, Seventy-first and Seventy-second streets.....	George F. Doak, 418 W. 57th street...		188 68
" 19	Fencing vacant lots on Broadway, from Forty-second to Fifty-fifth streets.....	George F. Doak, 418 W. 57th street...		54 40
" 18	Fencing vacant lots on south side of Forty-third street, between Lexington and Third avenues.....	Patrick Burns, 311 E. 56th street....		65 35
				\$437 43
May 25	Sewer in Fourth avenue, east side, between Nineteenth and Twentieth streets.....	C. Keyes, 170 E. 93d street....		\$241 40
" 25	Sewer in Waverley place, between Charles and Perry streets.....	C. Keyes, 170 E. 93d street....		228 50
" 25	Receiving-basin on southwest corner of Grand and Ridge streets.....	C. Keyes, 170 E. 93d street....		197 00
" 25	Receiving-basin on northwest corner of Fourth street and Sixth avenue..	C. Keyes, 170 E. 93d street....		113 00
" 25	Receiving-basin on northeast corner of Fifty-ninth street and Madison avenue.....	C. Keyes, 170 E. 93d street....		99 50
				\$879 40

RECAPITULATION.

1 Sewer Contract.....	\$2,490 00
2 Regulating and Grading Contracts.....	20,063 48
3 Paving Contracts.....	22,583 80
4 Paving Contracts, under chapter 574.....	122,914 70
5 Croton-main Contracts.....	34,170 80
6 Miscellaneous Contracts.....	89,431 90
7 Flagging Contracts.....	1,782 13
8 Fencing Contracts.....	437 43
9 Sewer and Basin Contracts.....	879 40
35 Contracts.....	\$294,824 64

Works Completed during the Three Months ending June 30, 1877.

DATE.	NATURE AND LOCATION OF WORK.		COST.
1877.			
April 11	Sewer.....	In Forty-fourth street, between Second and Third avenues....	\$14,230 60
" 20	"	In Boulevard, Ninety-eighth street, Ninth avenue, One Hundredth street, Ninety-sixth street, Eighth avenue, with branches in Ninth avenue, Ninety-eighth, Ninety-ninth, and One Hundredth streets	106,795 39
" 25	Sewer alteration and extension.....	In James slip, at South street.....	2,474 06
May 18	Setting curb and gutter stones and flagging	Both sides of Eightieth street, from Fourth to Madison avenue..	1,076 19
" 24	Sewer.....	In One Hundred and Fifty-second street, between Boulevard and Hudson river	4,759 48
" 26	Regulating, grading, etc.....	Ninety-ninth street, from Eighth to Eleventh avenue	27,459 99
" 26	"	One Hundred and Thirtieth street, from Morningside to Riverside Drive.....	7,551 30
June 5	"	One Hundred and Fifty-second street, from Boulevard to Hudson river	6,154 31
" 5	Paving	Little Twelfth street, from Tenth to Thirteenth avenue.....	3,111 16
" 15	Flagging sidewalks.....	On south side of One Hundred and Seventeenth street, from Lexington to Fourth avenue.....	205 81
" 15	Paving	One Hundred and Thirtieth street, from Third to Fourth avenue, with Belgian pavement.....	4,107 87
" 19	Fencing vacant lots.....	On northwest corner of Sixth avenue and Fifty-fourth street...	153 15
" 19	Paving.....	Fourth avenue, from the north to the south side of Seventy-first street.....	954 62
" 23	Flagging sidewalks.....	On the east side of West street, between Horatio and Gansevoort streets.....	275 38
" 23	Flagging.....	East side of Fifth avenue, from Fifty-eighth to Sixty-fourth street.....	667 83

Commissioners:

JURORS.

NOTICE
IN RELATION TO JURORS FOR
STATE COURTSOFFICE OF THE COMMISSIONER OF JURORS,
NEW COUNTY COURT-HOUSE,
NEW YORK, June 1, 1877.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 9 to 4 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.

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

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines, received from those who, for business or other reasons, are unable to serve at the time selected, pay the expenses of this office, and 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.

THOMAS DUNLAP, Commissioner,
County Court-house (Chambers street entrance).

FINANCE DEPARTMENT.

DEPARTMENT OF FINANCE,
BUREAU FOR THE COLLECTION OF ASSESSMENTS,
NO. 16 NEW COURT-HOUSE,
NEW YORK, August 4, 1877.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTIFIED that the following assessment lists were received this day in this Bureau for collection:

FULLY CONFIRMED AUGUST 2, 1877.

West street, east side, and 10th avenue, curb, gutter, and flagging, between Gansevoort and Little West 12th street.

74th street, paving, crosswalks, etc., intersection of 4th avenue.

97th street, regulating, grading, etc., from 5th avenue to Harlem river.

79th street, regulating, grading, etc., from Public Drive to Hudson river.

101st street, regulating, grading, etc., from Public Drive to Riverside Park.

156th street, grading, from 3d to St. Ann's avenue.

Water street, sewer, between Jackson and Corlears streets.

RECEIVING-BASINS.

Madison avenue, northeast corner 6th street; 4th avenue, southwest corner 6th street; 62d street, south side, west of 4th avenue; 63d street, south side, east of 4th avenue; 64th street, south side, east and west of 4th avenue; 66th and 69th streets, southeast and southwest corners 4th avenue.

RECEIVING-BASINS.

70th street, southeast corner 4th avenue; 71st street, southwest corner 4th avenue; 72d street, northwest corner 4th avenue; 73d street, northeast corner 4th avenue; 74th, 75th, 76th, and 77th streets, north and south sides; and north side 78th street, west of 4th avenue.

All payments made on the above assessments on or before October 3, 1877, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of confirmation.

The Collector's office is open daily from 9 A. M. to 2 P. M., for the collection of money, and until 4 P. M., for general information.

EDWARD GILON,
Collector of Assessments.DEPARTMENT OF FINANCE,
BUREAU FOR THE COLLECTION OF ASSESSMENTS,
ROTUNDA, NEW COURT-HOUSE,
NEW YORK, June 30, 1877.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTIFIED that the following assessment list was received this day in this Bureau for collection:

CONFIRMED JUNE 16, 1877.

Sixty-fifth street, opening, from the easterly line of Third (3d) avenue to the East river.

All payments made on the above assessment on or before August 29, 1877, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of confirmation.

The Collector's office is open daily, from 9 A. M. to 2 P. M., for the collection of money, and until 4 P. M. for general information.

EDWARD GILON,
Collector of Assessments.

WILLIAM KENNELLY, AUCTIONEER.

CORPORATION SALE OF THE FRANCHISE OF
THE FERRY FROM BULKHEAD AT THE
FOOT OF WHITEHALL STREET, NEW
YORK, TO STATEN ISLAND.

THE FRANCHISE OF THE FERRY FROM THE bulkhead at the foot of Whitehall street, New York, to Staten Island, will be sold at public auction on Wednesday, July 11, 1877, at the Comptroller's Office, at 12 o'clock noon, for the period of one year, from July 15, 1877. The form of the lease required to be executed by the highest bidder can be seen at the Comptroller's Office, on and after July 9, 1877.

All bids will be regarded as made with reference to said form of lease, and in case the highest bidder shall neglect or refuse to execute a lease according to said form for ten days after the sale, his bid will, at the option of the Comptroller, be rejected.

The minimum rate for which the ferry franchise or license to operate ferries shall be used or enjoyed has been appraised and set by the Commissioners of the Sinking Fund at five per cent. of the gross receipts for ferriage that shall hereafter accrue at each separate ferry, collected at the landing place in the City of New York, such percentage to be paid quarter-yearly to the Corporation, and a covenant will be contained in each lease requiring the lessee to make and deliver to the Comptroller of the City of New York, quarter-yearly, a statement in writing, verified by oath or affirmation of the lessee, or of such proper officer of the lessee as may be designated by the Comptroller, of the actual total gross receipts for ferriage received by such lessee during the preceding three months, and also, that the lessee shall keep regular books of account, showing the daily gross receipts of the ferry leased, and allow said Comptroller, or any person designated by him, to examine such books.

The franchise will be put up and knocked down to the person offering to pay the largest percentage on the gross

receipts collected at the landing place in the City of New York.

All moneys received for the conveyance of passengers, animals, vehicles, or freight from New York to Staten Island, to be collected at the landing place in New York, or, if collected elsewhere, to be included in the receipts upon which such five per cent. is to be calculated and paid.

No bid less than five per cent. on such gross receipts will be entertained.

The successful bidder will be required to pay to the Collector of City Revenue the sum of fifteen hundred dollars immediately after the franchise shall have been struck down to him, as security for the execution and performance of the lease, such amount to be credited on the rent when the same becomes due.

Security, satisfactory to the Comptroller, will be required for the punctual performance by the lessees of the covenants of the lease of the franchise in their behalf.

The right to reject any bid, if deemed to be to the interest of the City of New York, is reserved by the Commissioners of the Sinking Fund.

By order of the Commissioners of the Sinking Fund.
JOHN KELLY,
Comptroller.COMPTROLLER'S OFFICE,
NEW YORK, July 3, 1877.

The above sale is adjourned to Thursday, July 19, 1877, at 12 o'clock, noon, at the Comptroller's office.

JOHN KELLY,
Comptroller.
COMPTROLLER'S OFFICE,
NEW YORK, July 11, 1877.

The above sale is adjourned to Thursday, July 26, 1877, at 12 o'clock, noon, at the Comptroller's office.

JOHN KELLY,
Comptroller.
COMPTROLLER'S OFFICE,
NEW YORK, July 19, 1877.

The above sale is adjourned to Thursday, August 2, 1877, at 12 o'clock, noon, at the same place.

JOHN KELLY,
Comptroller.
COMPTROLLER'S OFFICE,
NEW YORK, July 26, 1877.

The above sale is adjourned to Thursday, August 16, 1877, at 12 o'clock, noon, at the same place.

JOHN KELLY,
Comptroller.
COMPTROLLER'S OFFICE,
NEW YORK, Aug. 2, 1877.

WILLIAM KENNELLY, AUCTIONEER.

SALE OF FERRY FRANCHISES.

THE FRANCHISES TO RUN THE FOLLOWING ferries and a lease of the wharf property belonging to the city, if any, set apart for ferry purposes at each of said ferries, will be sold at public auction to the highest bidder, at the office of the Comptroller of the City of New York, on the 26th day of July, 1877, at 12 o'clock, noon, for the period of five years from August 1, 1877, except as otherwise stated, namely:

Ferry from foot of Whitehall street to Staten Island.
Ferry from Cortlandt street, North river, to Jersey City.
Ferry from Barclay street, North river, to Hoboken, New Jersey.

Ferry from Chambers street, North river, to Pavonia avenue, New Jersey.

Ferry from Desbrosses street, North river, to Harsimus, Jersey City.

Ferry from Houston street, East river, to Brooklyn, E. D.

Ferry from Tenth street, East river, to Greenpoint, Long Island.

Ferry from Twenty-third street, East river, to Greenpoint, Long Island.

Ferry from Thirty-fourth street, East river, to Hunter's Point, Long Island, for five years from November 1, 1877.

Ferry from Ninety-second street, East river, to Astoria, Queens County, Long Island, for five years from November 1, 1877.

The minimum rate for which said ferry franchises or the right to operate said ferries shall be used or enjoyed has been appraised and fixed by the Commissioners of the Sinking Fund at five per cent. of the gross receipts for ferriage that shall hereafter accrue at each separate ferry, collected at the landing place in the City of New York, and in no case to be less than one-half the gross receipts of the ferry wherever collected, such percentage to be paid quarter-yearly to the Comptroller, and each lease will contain a covenant requiring the lessee to make and deliver to the Comptroller, quarter-yearly, a statement in writing, verified by the oath or affirmation of the lessee, or of such proper officer of the lessee as may be designated by the Comptroller, of the actual total gross receipts for ferriage received by such lessee during the preceding three months, and also, that the lessee will keep regular books of account, showing the daily gross receipts of the ferry leased, and allow said Comptroller, or any person designated by him, to examine such books at all reasonable times.

Every person bidding for a ferry franchise must state what percentage of the gross receipts collected at the landing-place in the City of New York he will pay for the same. All moneys received for the conveyance of passengers, animals, vehicles, or freight from the City of New York, over any ferry route, to any of the opposite shores, to be collected at the landing-place in New York, or if collected elsewhere, to be included in the receipts upon which such percentage is to be calculated and paid.

The minimum price for which the lease of said wharf property will be sold has been fixed by the Board of the Department of Docks at the following sums, namely:

Wharf property connected with the ferry from Cortlandt street, North river, to Jersey City, has been leased by the Department of Docks to the associates of the Jersey Company for ten years from May 1, 1876, at \$7,510 per annum.

Wharf property connected with the ferry from Chambers street, North river, to Pavonia avenue, New Jersey, is now held under an agreement by the Erie Railway Company, that such company shall have a lease of the same with other premises for the term of ten years from July 21, 1875.

Ferry from Desbrosses street, North river, to Harsimus, Jersey City.

For the bulkhead and short pier at foot of Desbrosses street, North river, being about 65 feet in width along the westerly side of West street, or as much thereof as may be owned by the Corporation, at \$500 per annum.

Ferry from Tenth street, East river, to Greenpoint, Long Island.

For bulkhead at foot of Tenth street, East river, or so much thereof as may now be occupied for ferry purposes, at \$250 per annum.

Ferry from Twenty-third street, East river, to Greenpoint, Long Island.

For bulkhead at north side of and contiguous to foot of Twenty-third street, East river, as now occupied for ferry purposes, at \$2,500 per annum.

Ferry from Thirty-fourth street, East river, to Hunter's Point, Long Island.

For bulkhead at foot of Thirty-fourth street, East river, and for premises at the terminus of the Long Island Railroad at Hunter's Point, now occupied for ferry purposes, at \$2,000 per annum.

Ferry from Ninety-second street, East river, to Astoria, Long Island.

For bulkhead at foot of Ninety-second street, E. R., and for premises at foot of Fulton street, Astoria, as now occupied for ferry purposes, at \$250 per annum.

All the above-named premises to be taken in the condition in which they may be on the 1st day of August, 1877, and all repairs and rebuilding thereof, and dredging thereat, during the term leased, to be done at the expense and cost of the lessees.

Each purchaser of a lease will be required, at the time of the sale, and in addition to the auctioneer's fees, to pay to the Department of Docks twenty-five per cent. of the amount of the annual rent bid for the wharf property, as security for the execution of the lease, and which twenty-five per cent. will be applied to the payment of the rent for such property first accruing under the lease, when executed, or forfeited if the lessee neglects or refuses to execute the lease and bond after being duly notified that the lease is prepared and ready for signature, or, in case the bid be finally rejected, will be returned to the bidder.

Lessees will be required to pay their rent for the wharf property quarterly, in advance, in compliance with a stipulation therefor in the form of the lease adopted.

The franchise and the lease of the wharf property, if any, of each ferry will be put up and sold together to the highest bidder, subject to the condition hereinafter expressed, and subject also to the right of the Comptroller and the Board of the Department of Docks to reject any or all bids, if deemed to be for the interest of the city.

No bid for a ferry franchise of less than five per cent. of the gross receipts to be collected at the landing-place in New York, as before set forth, and no bid for the lease of wharf property less than the minimum price fixed by the Board of the Department of Docks will be received.

Bidders must bid for the franchise and lease of wharf property of each ferry separately, but no bid will be received unless it includes an offer for both the ferry franchise and wharf property.

The form of the lease required to be executed by the highest bidder can be seen at the office of the Comptroller on and after July 23, 1877.

All bids will be regarded as made with reference to said form of lease, and in case the highest bidder shall neglect to execute a lease according to said form, for ten days after said sale, his bid will, at the option of the Comptroller and the Board of the Department of Docks, be rejected.

The leases will contain a covenant requiring the lessees to pay quarter-yearly to the Comptroller the percentage of the gross receipts paid for the franchise of each ferry.

Dated New York, July 17, 1877.

JOHN KELLY,
Comptroller;
JACOB A. WESTERVELT,
HENRY F. DIMOCK,
JACOB VANDERPOEL,
Board of Department of Docks.

The above sale is adjourned to Thursday, August 2, 1877, at 12 o'clock, noon, at the same place.

JOHN KELLY,
Comptroller.
COMPTROLLER'S OFFICE,
NEW YORK, July 26, 1877.

The above sale is adjourned to Thursday, August 16, 1877, at 12 o'clock, noon, at the same place.

JOHN KELLY,
Comptroller.
COMPTROLLER'S OFFICE,
NEW YORK, August 2, 1877.

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.

Grantors, grantees, suits in equity, insolvents' and Sheriffs' sales, in 61 volumes, full bound, price... \$100 00
The same, in 25 volumes, half bound, price... 50 00
Complete sets, folded, ready for binding, price... 15 25
Records of Judgments, 25 volumes, bound, price... 10 00
Orders should be addressed to "Mr. Stephen Angell, Comptroller's Office, New County Court-house."

JOHN KELLY,
Comptroller.COMPTROLLER'S OFFICE,
NEW YORK, February 6, 1877.DEPARTMENT OF FINANCE,
BUREAU FOR THE COLLECTION OF ASSESSMENTS,
ROTUNDA, NEW COURT-HOUSE,
NEW YORK, July 18, 1877.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTIFIED that the following assessment lists were received this day in this Bureau for collection:

CONFIRMED JULY 12, 1877.

116th street, regulating and grading, between 6th and 7th avenues.

144th street, regulating, grading, etc., between 10th avenue and Public Drive.

144th street, grading, between Willis and St. Ann's avenue.

63d street, flagging, between 1st and 2d avenues.

Bloomfield street, paving, between West street and 13th avenue.

92d street, paving, between 3d and 5th avenues.

104th " " " 3d " 4th "

106th " " " 2d " 3d "

108th " " " 10th " 4th "

129th " " " 3d avenue and Boulevard.

123d street, paving, and regulating, grading, etc., from New York, west, to 5th avenue.

All payments made on the above assessments on or before September 17, 1877, will be exempt (according to law) from interest. After that date interest will be charged at the rate of seven (7) per cent. from the date of confirmation.

The Collector's office is open daily from 9 A. M. to 2 P. M., for the collection of money, and until 4 P. M., for general information.

EDWARD GILON,
Collector of Assessments.

CORPORATION NOTICES

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.:

No. 1. Sewers in Ninety-sixth street, between Eighth and Tenth avenues, and in Ninth avenue, between Ninety-second and Ninety-sixth streets, with branches.

No. 2. Sewer in One Hundred and Fifty-second street, between Boulevard and Hudson river.

No. 3. Sewer in Fourth avenue, east side, between Nineteenth and Twentieth streets.

No. 4. Belgian pavement in Ninety-second street, from Eighth avenue to the Boulevard.

No. 5. Paving with granite-blocks in Seventy-fifth street, from First to Third avenue.

No. 6. Paving with Telford-macadamized pavement, setting curb, and flagging One Hundred and Sixteenth street, from Sixth to Seventh avenue.

No. 7. Belgian pavement in One Hundred and Thirtieth street, from Third to Fourth avenue.

No. 8. Paving with granite-block pavement Little Twelfth street, from Tenth to Thirteenth avenue.

No. 9. Setting curb, gutter, and flagging One Hundred and Ninth street, from Third to Fifth avenue.

No. 10. Setting curb, gutter, and flagging sidewalks four feet wide through the centre thereof, on both sides of Eightieth street, from Fourth to Madison avenue, and laying crosswalks across the Fourth avenue at the intersection of Eightieth street, and across Eightieth street at the westerly intersection of Fourth avenue.

No. 11. Flagging sidewalks on south side of One Hundred and Seventeenth street, from Lexington to Fourth avenue.

No. 12. Flagging east side Fifth avenue, between Fifty-eighth and Sixty-fourth streets.

No. 13. Flagging, full width, east side West street, from Horatio to Gansevoort street.

No. 14. Regulating, grading, setting curb and gutter stones, and flagging Ninety-first street, from Fourth to Fifth avenue.

No. 15. Regulating, grading, setting curb and gutter, and flagging One Hundred and First street, from Ninth avenue to the Boulevard.

No. 16. Regulating, grading, setting curb and gutter, and flagging One Hundred and Thirty-first street, from Sixth to Eighth avenue.

No. 17. Regulating, grading, setting curb and gutter, and flagging One Hundred and Thirty-third street, from Tenth avenue to Hudson river.

No. 18. Laying crosswalks on Madison avenue, at each intersection of Eighty-ninth, Ninetieth, Ninety-first, Ninety-third, and Ninety-fourth streets (excepting Eighty-ninth and Ninetieth streets).

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

No. 1. Both sides of Ninth avenue, between Ninety-second and Ninety-sixth streets, and both sides of Ninety-sixth street (commencing 300 feet east of Ninth avenue), to the Tenth avenue, and east side of Tenth avenue between Ninety-fifth and Ninety-seventh streets, and south side of Ninety-seventh street, between Ninth and Tenth avenues, and north side of Ninety-second street, between Eighth and Ninth avenues.

No. 2. Both sides of One Hundred and Fifty-second street, between the Boulevard and Hudson river.

No. 3. East side of Fourth avenue, between Nineteenth and Twentieth streets.

No. 4. Both sides of Ninety-second street, from Eighth avenue to the Boulevard, and to the extent of half the block at the intersecting avenue.

No. 5. Both sides of Seventy-fifth street, from First to Third avenue, and to the extent of half the block at the intersecting avenues.

No. 6. Both sides of One Hundred and Sixteenth street, between Sixth and Seventh avenues, and to the extent of half the block at the intersection of said avenue.

No. 7. Both sides of One Hundred and Thirtieth street, from Third to Fourth avenue, and to the extent of half the block at the intersecting avenues.

No. 8. Both sides of Little Twelfth street, between Tenth and Thirteenth avenues, and to the extent of half the block at the intersection of said avenues.

No. 9. Both sides of One Hundred and Ninth street, from Third to Fifth avenue.

No. 10. Both sides of Eightieth street, from Madison to Lexington avenue, and both sides of Fourth avenue, between Seventy-ninth and Eighty-first streets.

No. 11. South side of One Hundred and Seventeenth street, between Lexington and Fourth avenues.

No. 12. East side of Fifth avenue, between Fifty-eighth and Fifty-ninth streets, and between Sixty-third and Sixty-fourth streets, on east side of Fifth avenue.

No. 13. East side of West street, between Horatio and Gansevoort streets.

No. 14. Both sides of Ninety-first street, between Fourth and Fifth avenues.

No. 15. Both sides of One Hundred and First street, between Ninth avenue and the Boulevard, and to the extent of half the block at the intersecting avenues.

No. 16. Both sides of One Hundred and Thirty-first street, from Sixth to Eighth avenue.

No. 17. Both sides of One Hundred and Thirty-third street, from Tenth avenue to Hudson river, and to the extent of half the block at the intersecting avenues.

No. 18. Both sides of Madison avenue, between Ninetieth and Ninety-fifth streets, and to the extent of half the block at the intersection of Ninety-first, Ninety-third, and Ninety-fourth streets.

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 Board of Assessors, at their office, No. 19 Chatham street, within thirty days from the date of this notice.

The above described assessment lists will be transmitted as provided by law to the Board of Revision and Correction of Assessments for confirmation, on the 26th day of August ensuing.

THOMAS B. ASTEN,
JOHN MULLALLY,
EDWARD NORTH,
WILLIAM L. WILEY,
Board of Assessors.OFFICE BOARD OF ASSESSORS,
NEW YORK, July 26, 1877.

NOTICE IS HEREBY GIVEN THAT THE following Assessment Lists have been received by the Board of Assessors, from the Commissioner of Public Works, for—

No. 1. Belgian pavement in Fourth avenue, from north to south side of Seventy-first street, \$254.62.

No. 2. Fencing vacant lots on northwest corner of Sixth avenue and Fifty-fourth street, about 100 feet on Sixth avenue, and 300 feet on Fifty-fourth street, \$153.15.

No. 3. Regulating and granite-block pavement in One Hundred and Twenty-first street, from First to Fourth avenue, \$12,911.69.

No. 4. Sewer, east side of Fourth avenue, between Nineteenth and Twentieth streets, \$281.40.

No. 5. Belgian pavement in Ninety-fifth street, between First and Second avenues, \$3,203.43.