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DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Report for the Quarter Ending June 30, 1902.

Department of Water Supply, Gas and Electricity,
Commissioner's Office, Nos. 13-21 Park Row,
New York City, July 12, 1902.

Hon. SETH LOW, Mayor, City of New York:

Dear Sir—In accordance with the provisions of section 1544 of the revised Greater New York Charter, I respectfully submit the following report of the business and transactions of this Department for the quarter commencing April 1 and terminating June 30, 1902:

BOROUGH OF MANHATTAN AND THE BRONX.

The report of the Chief Engineer of this Department for the quarter ending June 30, states that the rainfall recorded by the rain gauges was as follows:

	April.	Inches May.	June.	Total Quarter.
Boyd's Corner Reservoir.....	4.47	3.31	4.68	12.46
Middle Branch Reservoir.....	4.68	3.30	5.41	13.39
Kensico Reservoir	4.15	3.58	4.16	11.89
Croton Dam	3.68	4.47	4.12	12.27
Central Park Reservoir.....	3.34	1.87	4.29	9.50

At the close of the first quarter of the year all the reservoirs were filled and contained forty-two thousand million gallons of water, or about 150 days' supply.

The storage drawn during the quarter is as follows:

	Gallons.
Middle Branch Reservoir.....	390,000,000
East Branch Reservoir.....	900,000,000
West Branch Reservoir.....	600,000,000
Titicus Reservoir.....	1,050,000,000
Muscoot Reservoir.....	870,000,000
Total drawn.....	3,810,000,000

There remained on storage on June 30, 1902, 37,000,000,000 gallons of water.

The injury occasioned to the East Branch Reservoir and the dam of the Titicus and West Branch Reservoir by the heavy freshets of December, 1901, and March, 1902, was adverted to in my report for the first quarter of the year.

Surveys, plans, etc., are now in process of replacing the coping and masonry injured by the freshets.

Sanitary Protection of the Croton Watershed.

Maps and descriptions are making for lands on the Bronx river, above Kensico dam, on the Wampus branch and pond of the Byram river, and on the outlet and inlet of Rye ponds; around Lakes Mahopac and Kirk and along the outlet of same, and along the Muscoot river, to the Westchester County line. These surveys are necessary in the effort to protect the streams from pollution under the laws of the State Board of Health.

The electrozone plant at Brewsters has continued treating the sewage of that village. The dry pan process which has been employed at Mount Kisco has also been maintained.

The situation at Mount Kisco calls for further consideration. In my report for the first quarter of the year I alluded to the efforts of the authorities of that village to obtain from the City a cession to the village for the establishment of a new railroad station, a small park and a driveway to the station, of a portion of the land theretofore acquired by the City for the sanitary protection of the Croton tributaries at that point. My report stated that I could not acquiesce in the wishes of the village authorities that a transfer of this land be made. Within a few weeks, at the request of said authorities and of prominent residents of said village, I have visited Mount Kisco, and after a personal inspection of the ground am constrained to adhere to my previous opinion. The conditions which prevail at Mount Kisco are not such as should exist in close proximity to a part of the City's water supply. Branch brook runs through the village almost north and south, bisecting it easterly and westerly. The westerly section of the lower part of the village lies at the foot of lofty hills and the general slope of the land is in the direction of the brook. This brook is said to supply about 800,000 gallons daily to the City's water system. South of the village the brook flows into Mount Kisco river, a tributary of the Croton river. In the northerly part of the village is a settlement of foreigners, whose habits are not cleanly, and hence exact most active vigilance from the City's water patrol at that place. All the small surface feeders and drains flow naturally into the brook. The proposed railway site, adjoining City land, if adopted, would require the use of a portion of the City's land as an approach to the new depot for vehicles, and as the village is unsewered and is growing in popularity as a summer resort, it is to be expected that the nearer proximity of a depot to the brook would affect that stream unfavorably and tend to the enhancement of the possibilities of its pollution. The village now has under consideration the construction of a storm drain from the westerly hills to the brook, which will carry not only the storm waters from these hills, but surface drainage from the village into the brook. While the importance of some drain, from the village standpoint, must be recognized, the undesirability of polluting the brook must also be borne in mind. A large portion of the village lies very flat, and at a short elevation above the brook; the ground water is accordingly near the surface, the privies and cesspools are foul and constitute serious sources of pollution to this part of the City's supply.

Under the provisions of the Public Health Law of the State, it seems to be incumbent upon this City, at its own expense, to construct and maintain a system of sewerage for the village, so far as necessary for the protection of the City's water supply from contamination, and to provide such means of removal and purification of the whole of the sewage and such works or means of sewage disposal as shall be approved by the State Board of Health. The Engineer of the State Board is, I am advised, engaged in the preparation of a plan for sewage disposal at Mount Kisco. It may be that the village authorities will be willing to share the expense of sewerage of the village itself. In my judgment, the conditions which at present obtain in the village and its neighborhood are detrimental to the City's water system, and it is eminently desirable that all questions involved shall be taken up and disposed of at as early a date as practicable.

Four commissions of appraisal have been appointed for the condemnation of lands in the Croton watershed. Sundry reports have been made by them and testimony is still being taken in the several proceedings. All of the moneys available have been expended, and I have to recommend that the Board of Estimate and Apportionment make a further issue of bonds amounting to \$250,000 in order that the owners may be compensated when the reports of the Commissioners shall have been approved by the court.

Bronx and Byram River Supply.

The regular force has been employed in cleaning and in keeping in order the conduits, roads, channelways and reservoirs. The work of this force has been largely augmented by reason of the freshet of March last. The injunction prohibiting this Department from drawing upon the Byram river having recently been vacated, that supply has been added to the City's supply.

Storage Drawn During the Quarter.

	Gallons.
From Kensico Reservoir.....	450,000,000
From Rye Ponds Reservoir.....	240,000,000
Total	690,000,000

Three hundred million gallons ran to waste over the Kensico dam in April. The storage on hand in these reservoirs is 3,200,000,000 gallons.

Consumption of Water.

	Gallons.
April—Average daily use from Croton river.....	261,000,000
Average daily use from Bronx river.....	19,000,000
Total average April.....	280,000,000
May—Average daily use from Croton river.....	267,000,000
Average daily use from Bronx river.....	19,000,000
Total average May.....	286,000,000
June—Average daily use from Croton river.....	267,000,000
Average daily use from Bronx river.....	18,000,000
Total average June.....	285,000,000

The contract entered into September 25, 1901, for a temporary pumping plant to pump water from the old Croton Aqueduct, north of Jerome Park Reservoir, having expired by effluxion of time, I recently requested the Board of Estimate and Apportionment to approve of an extension until September 30 of this year. The Board of Estimate unanimously recommended said extension to the Board of Aldermen, which has authorized me to extend the contract time, and I have accordingly so done. This extension preserves for the use of the people of the portion of The Bronx thus supplied a daily supply of ten million gallons. The termination of this supply would have resulted disastrously to the people of this district.

Owing to delay in the work under the contracts for laying 48-inch mains around Jerome Park Reservoir, which have been rendered necessary by the delay of the Aqueduct Commission in completing this reservoir, the full supply to the lower portion of The Bronx Borough, from the old Croton Aqueduct, cannot be had before September, and it has thus become imperatively necessary to continue the use of the temporary pumping plant above referred to until the 48-inch mains shall have been laid.

The Department is now erecting two pumping engines, with boilers and appurtenances at the high service station at One Hundred and Seventy-ninth street and Harlem river, for the high service supply in Manhattan.

It has also contracted for:

Foundations for a high service engine house at Jerome Park Reservoir, and the high service engine house itself; two new pumping engines for the new high service pumping station at Jerome Park, and a tank and standpipe for said pumping station. The high service station at Jerome Park, with its equipment of pumps, tank, etc., is designed to increase the supply and pressure of water in the Borough of The Bronx.

The capacity of the two pumping engines at One Hundred and Seventy-ninth street, which are under contract, is 15,000,000 gallons per day each. The contract for these two pumps is progressing, and it is expected that the contractor will commence the erection of the engines and boilers during the present month.

The contractor for the foundations of the engines, the boiler and coal house at the pumping station at Jerome Park Reservoir is expected to complete his work during the present month.

The contractor for building the engine, boiler and coal house at Jerome Park Reservoir, has as yet done no work or delivered any material. In accordance with the provisions of the contract I have notified him that his work is unnecessarily delayed and have advised him that he will be held to the fullest accountability and that all the penalties of the contract for non-performance within the stipulated time will be rigorously enforced against him.

The contractor for building and erecting the two 10,000,000 gallon pumping engines and boilers at Jerome Park Reservoir has commenced work in his shop upon the same.

The contractor for erecting the tank, standpipe and connections at the pumping station has done no work and has delivered only a small portion of the requisite material.

Two 48-inch mains, issuing from the old Croton Aqueduct and connecting with the new Jerome Pumping Station, have been contracted for, the one to supply the easterly, the other the westerly section of The Bronx.

The work of laying the 48-inch main east of and connecting with the old Croton Aqueduct, near Gun Hill road, has been delayed by reason of difficulty in procuring the consent of the New York Central Railroad Company to the crossing of their tracks north of Bedford Park and by the building of sewers on the Southern Boulevard, between One Hundred and Ninetieth and One Hundred and Seventy-sixth streets. The railroad company was at first inclined to impose conditions upon the laying of the main by this Department which seemed to me not only unduly onerous, but unworthy of acceptance by a great municipality, and after considerable correspondence the road has been persuaded to accept a contract drawn by me. Notwithstanding these delays it is to be hoped that the work may be completed in September, whereupon the Department should be enabled to supply the lower levels of The Bronx east of the old Croton Aqueduct through said mains.

The work of laying the 48-inch main west of the old Croton Aqueduct is progressing rapidly.

The work of laying mains to the East river and across the river to and on Riker's Island is in progress, and unless it should be retarded by delays of the foundries in furnishing the required flexible pipe for that portion of the work under the river, should be completed during the present month.

The contractor for laying mains to connect the new pumping station at Jerome Park Reservoir with the several distributing mains in The Bronx has commenced the delivery of pipes.

The Board of Estimate and Apportionment having, May 23, in response to my request for a bond issue of \$500,000 for furnishing and laying necessary water mains in the boroughs of Manhattan and The Bronx, authorized one-half of this sum, or \$250,000, contracts were at once prepared and plans made for laying mains in these two boroughs, to the full amount appropriated.

The report of the Chief Engineer, herewith submitted, gives numerous details regarding the laying and relaying of water mains, setting of stopcocks, placing of hydrants and other works.

In addition to the work already mentioned, I may add that contracts have been entered into for furnishing double nozzle case hydrants and for excavating rock, where necessary, for placing these hydrants on the present mains. In order to comply with numerous requests of the Fire Department for additional hydrants upon the present

mains, required because of changes in the character of buildings now being erected, the sum of at least \$50,000 might be economically expended during the residue of the present year.

In my report to the Board of Estimate and Apportionment of April 2, I requested a bond issue for this purpose of \$100,000. Upon this subject I said:

"The necessity of a bond issue for such fire hydrants is obvious to every properly informed person. The existing hydrants introduced years ago when modern types of buildings were unknown, have long since become obsolete. The changes in the character and height of buildings between Canal and Fifty-eighth streets sufficiently illustrate the truth of this statement. The small hydrants which were proper thirty-five and forty years ago, when even upon Broadway few structures existed four and five stories in height, have been rendered abortive and useless by the construction of ten, fifteen and twenty-story buildings. If wise and proper provision is to be made to avoid appalling conflagrations, the request of this Department for this issue will undoubtedly be granted."

This request, I regret to say, has thus far passed unheeded.

What is true regarding fire hydrants is also generally true regarding the City's mains. In many parts of the Borough of Manhattan, mains laid forty or fifty years ago are found to be inadequate to meet the heavy demands of the enormous buildings of the present day. Where 6-inch mains were once laid, 12-inch, 20-inch, and even 36-inch mains are now required.

The use of hydrants by the various departments of the City, by contractors on City and on private work, and by contractors building the subway for the Rapid Transit Commission, makes the care of the same extremely onerous for this Department. Inasmuch as these hydrants are distributed over 600 miles of streets and avenues, it is impracticable to maintain proper supervision of the same. The large number constantly requiring repair indicates an extreme use of the privilege, not allowed, as I am informed, in any other city in this country. I have striven by every means in my power to reduce the abuses which have prevailed in connection with the use of hydrants. The large or double nozzle fire hydrants have heretofore been available only for use by the Fire Department, and a City ordinance forbids their use, even upon permit of this Department, by any one not in the fire service. Recently the Commissioner of Street Cleaning and the Commissioner of Public Works have requested a relaxation of this ordinance.

The single nozzle hydrants may be used by the various City departments, upon written permits issued by this Department, and permits are granted also to various City and private contractors to use this class of hydrants. This Department has, however, labored vigorously to stop abuses of hydrant privileges, and, as far as possible, by strict espionage has compelled users of the hydrants to pay for such use. But despite even extreme vigilance, contractors along the subway, individuals of influence, and numerous private contractors have deliberately and wantonly taken water from the City through these hydrants without compensation. I suggest that the City ordinances be so amended as to render the offense penal of taking water from these hydrants without express written permit, issued for a compensation. This use not only results in a wanton waste of water, but in the rapid deterioration of the hydrants themselves.

During this year the Department of Docks has restricted the use of the Twentieth Street Pier, East river, so that it is impracticable for this Department to receive and store there the necessary quantities of materials for the carrying on of its work. Under section 836 of the Charter, the Commissioner of Docks is required to designate and set apart, for the use of the City departments, suitable wharves, piers, bulkheads, etc. Inasmuch as by section 479 of the Charter this Department is responsible for the supply of water and the good order and security of all the water works, for the exactness and durability of the structures which may be erected, and for the daily work to be performed and the sufficiency of the supply in the pipe yards to meet every casualty, it is obvious that it requires dock privileges. This matter has been the subject of correspondence between the two departments, and I trust may soon be satisfactorily arranged.

Rapid Transit Tunnel.

The construction of the subway has necessitated a large number of changes in mains. These changes involve the preparation of numerous detailed plans and constant superintendence and inspection by this Department of the work of making the changes in the mains. These changes also cause inconvenience to many persons by decreasing the supply of water. Although they are usually made in the night time and on Sundays, numerous complaints of lack of pressure and want of water are received. The districts affected are ordinarily very large, so that, although the Department aims to give notice, adequate notice cannot always be given.

New York and Westchester Water Company.

The bill for condemnation of the property and franchises of said company having become law by the Governor's signature (chapter 617, Laws of 1902), I immediately addressed to the receivers and counsel of said company a letter requesting information regarding its property, and a few weeks ago presented a statement to the Board of Estimate and Apportionment, giving a description of so much of the property of the company as it seemed desirable that the City should condemn. What the City requires is pipes, stopcocks and hydrants, which the company has laid in certain portions of The Bronx. The purchase by the City of so much of the company's property and plant as is located outside of its own boundaries would seem to be undesirable, because the City should not supply the town and villages in Westchester County now served by the company, and because of the inferior quality of the water pumped from the company's wells. Should that Board approve of the proposed acquisition and of the commencement of condemnation proceedings (assuming the same to become necessary), the people of the City east of the Bronx river would soon reap the benefit of such action. They would secure relief from the company's excessive charges for scant supply and would obtain a full and adequate supply of better water direct from the City's mains. Negotiations have for some time been in progress between the representatives of the company, the Corporation Counsel and myself, looking to a possible agreement upon the property to be acquired and its valuation, but should negotiations not soon ripen, I should advocate the prompt institution of condemnation proceedings as the only certain means of relief to the people of The Bronx.

Water Register's Bureau.

During the quarter of the year just ended, the collections in the Water Register's office, in the Borough of Manhattan, which for the month of April included also the Borough of The Bronx, amounted to.....\$1,342,443 92
The collections in the newly opened office in The Bronx, during the months of May and June, amounted to..... 101,962 80

The sum of these two items is.....\$1,444,406 72

Or an excess over the corresponding quarter for the year 1901 of \$148,178 62
The excess of collections during the first quarter of this year over the corresponding quarter of last year was..... 125,468 98

The revenues in Manhattan and The Bronx have, during the past six months, increased over the corresponding semi-annual period of last year..... \$273,647 60

There are at present employed in the meter branch twenty-seven Inspectors of Meters and Water Consumption. This force might wisely be augmented and three General Inspectors appointed to supervise and direct the work of the Inspectors. With such additional aids the Department will be better able to cope with and detect possible frauds in the thirty-seven thousand meter accounts entered on these ledgers, investigate falling off in consumption and note apparent disparities between reported meter readings and probable consumption, as estimated from tests. Additional clerks should be assigned to this Bureau to conduct the increased work entailed by the setting of new meters and the consequent opening of additional accounts, and the extra work occasioned by frequent inspection of meters. These changes, with others, would tend materially to enhance the revenues of the Department and place the meter branch upon an efficient basis.

During the quarter ending June 30, 316 new meters were set and 420 permits issued, as compared with 202 meters set and 262 permits issued for the same period of 1901.

During the quarter, 326 Commissioner's notices requiring meters to be set, have been issued; and since July 1 over five hundred have been prepared and signed. If the policy of installing meters in all premises used wholly or partly for business purposes, or where an extraordinary amount of water is consumed, should be energetically pursued, it would redound to the advantage of the Department, not only by swelling its revenues, but—and more important still—by tending to reduce the wanton waste of water.

Additional hydrants should be placed along the river front for the accommodation of tugs and other boats having permits from this Department for the purpose of obtaining water. During the last quarter it has been discovered that high pressure tugs have been operating under permits obtained at the rate for low pressure boats; that is, \$45, instead of \$90, per annum. In all the cases which have come to the notice of this Department the existing permits have been canceled and the amount heretofore paid applied upon the permit, the owner notified to make settlement or that his permit would be revoked. I have issued instructions that before permits for tugs shall be issued, every owner will be required to produce at this office a certificate of inspection of the United States Local Inspectors of Steam Vessels, thus obviating the possibility of a fraud upon the City by reason of a misstatement regarding pressure.

It has also been discovered that the accounts of brewers, steamboat companies, rapid transit contractors and other large-consumers of water, have been allowed to stand upon the books without effort to enforce payment; and charges amounting to thousands of dollars have in some instances, through collusion or carelessness, been allowed to run unliquidated for years. In one instance—that of a ferry company—a bill for \$1,098 appeared on the books as unpaid since 1895, although subsequent bills had been paid. In cases of this sort, returns could not be made to the Bureau of Arrears, and the only efficient method of collection was to shut off the water supply. Adoption of this remedy has uniformly resulted in prompt payment of the amount due—in many cases a threat to cut off the water having proven sufficient to bring payment. The cutting off of the water supply resulted in the payment of the unpaid charges or in satisfactory agreements for future payment of the amount. Permits for the use of hydrants had been granted without payment or any effort to enforce payment, after permits had expired; and in one instance—that of Naughton & Co., contractors—permits had been extended for years without any payment to the Department for water used.

The use of hose, without a permit from this Department, in front of unmetered premises had been prevalent so long and to such an extent that householders considered it safe to ignore, or were actually ignorant of, the rule of this Department, forbidding the use of hose except where a meter had been installed. During the month of May, inspectors were detailed between the hours of 5 and 9 a. m., and reported hundreds of violations of the rule. In every instance a fine of \$5 was imposed. The greater number of these fines has been collected and the residue has been placed upon the books as a lien against owners' property. But the result achieved has been much greater than the collection of these fines, for it has led, in many instances, to the voluntary installation of meters by owners of private dwellings.

This Department has been fortunate in securing a recent decision from the Appellate Division of the Supreme Court, upholding its action in shutting off water obtained through unmetered service pipes. The decision of the Appellate Division was unanimous, and if hereafter invoked, will be of great service to the Department, and tend not only to deter offenders of this class, but to increase the City's revenues. The Department threatened to shut off water from a consumer who had been fraudulently procuring water through unmetered service pipes, unless he would pay a bill for nearly six years' use of unmetered water, estimated by use after the installation of a meter. While acknowledging his liability, on the plea of lack of funds, he procured a short postponement of the time of payment and promptly availed himself of this reprieve to obtain an injunction. This injunction, although sustained at Special Term, has been dissolved by the action of the Appellate Division, which holds that the Commissioner has the right summarily to cut off the use of water for any violation of the rules of the Water Department. Heretofore this right has been rarely, if ever, exercised.

As pointed out in my report for the quarter ending April 1, extension of metering meets popular disapproval. My effort to procure from the Board of Aldermen, under section 475 of the Charter, authority to introduce meters in my discretion in apartment houses, tenements, flat houses, etc., was frustrated. The committee of the Board to which the subject was referred gave a public hearing, which demonstrated the unpopularity of the measure. I am, however, satisfied that an extension of the meter system is in every way desirable and will in time be appreciated by consumers. The experience of other cities where meters have come into general use shows that the popular fallacies regarding them quickly disappear. The primary and important purpose of a meter is the repression of waste or its reduction to the lowest terms. This is far more important than increase of revenue. Were the Charter to be so amended as to place the cost of the installation of the meter entirely upon the City, instead of upon the consumer, a large part of the popular objection to meters would soon disappear.

Lighting and Electricity.

The work in the Electrical Bureau in this borough embraces inspection of interior wiring of buildings and the issuing of permits for signal wires, electric lighting, poles, resetting poles, City lamp-posts, underground conductors, subsidiary connections and subways. During the half year ending June 30 there were received for inspection of interior wiring 8,103 applications. Of these there were closed 7,927. The total number of certificates issued for interior wiring were 7,454. The total number of permits for outside electrical work—that is, in the streets and under ground—4,722. Complaint notices issued, 1,903. Complaint notices attended to, 1,221. Number of incandescent lamps covered by certificates, 196,277. Total number of inspections, 36,083. The Inspectors have removed 112,200 feet, or 21.25 miles, of overhead wires without any additional expense to the City.

During the corresponding period last year the number of miles of overhead wires removed was 17.

This Department has insisted upon the removal of overhead wires from the streets of the borough and has been forced to cut down some wires erected by persons or corporations not authorized to carry on the business of transmitting, conducting, using or selling electricity.

The questions arising for solution in connection with the Electrical Bureau of this Department are numerous and perplexing, and the extent of the jurisdiction of the Department over wiring in the interior of houses and dwellings throughout the City is uncertain. Difficult problems have engaged its attention in deciding what corporations, and especially gas light companies, were entitled to permits from the Department.

Section 61 of the Transportation Corporation Law requires that every corporation incorporated for furnishing gas or electric light shall, before operating within a city or village, obtain the consent of what the statute terms the "municipal authorities." Under the decisions of the Court of Appeals, the municipal authorities in The City of New York are the Board of Aldermen, and in villages now incorporated in the City, the old boards of village trustees. Many corporations have made application for permits, which have not been armed with the requisite consent of the municipal authorities as thus defined, and attempts on their part to lay their pipes, string their wires or furnish light in territory in which they are not entitled to operate has had to be met with a firm hand. A particular illustration in the Borough of Richmond will be adverted to later.

Rules and Regulations for the Construction, Care, Maintenance and Operation of Poles, Wires, Conduits, Subways, etc.

Section 523 of the Charter makes it the duty of the Commissioner of Water Supply, Gas and Electricity, from time to time to submit for the consideration of the Board of Aldermen, proposed ordinances in regard to electric wires, appliances and currents for furnishing light, heat or power, when introduced into or placed in any building in said City. Such proposed ordinances are to prescribe the method of construction, operation, location, arrangement, installation and use of such wires, appliances and currents as the Commissioner shall from time to time deem necessary for the protection of life and property.

Section 528 of the Charter provides that the Board of Aldermen may establish and may from time to time enact general ordinances regulating the construction, maintenance, use and arrangement of the electrical conductors, poles and fixtures above ground, and the conduits and subways therefor constructed under ground.

Certain rules and regulations, the outgrowth of the experience of the former Board of Electrical Control and of the Fire Department were codified by the Commissioner of Public Buildings, Lighting and Supplies, but for some reason these rules, although approved by the former Board of Public Improvements, were never enacted into

ordinances by the Municipal Assembly. These rules have been carefully examined and revised under my administration and passed upon by an outside expert; and in June last I submitted a printed copy of the same, as revised, to the Board of Aldermen, with a request that the Board give these rules the vitality of law. This Department has no adequate means of punishing or disciplining offenders against its rules, although, by statute, the same are made police regulations. I trust that at an early date the Board of Aldermen will enact the same into ordinances. They are to be found in a compilation (129 pages), a copy of which has heretofore been sent to you.

Lighting Public Streets.

The following shows the changes and increase in the public lamp service in the streets, parks, places and docks of the Boroughs of Manhattan and The Bronx during the quarter:

Gas lamps lighted April 1.....	23,673	
Naphtha lamps lighted April 1.....	1,620	
Electric lamps lighted April 1.....	4,892	
Welsbach naphtha lamps.....	760	
		30,945
New gas lamps lighted.....	86	
New naphtha lamps lighted.....	64	
New electric lamps lighted.....	97	
		247
Old naphtha lamps relighted.....	2	
Old gas lamps relighted.....	138	
Old electric lamps relighted.....	45	
Old Welsbach lamps relighted.....	10	
		195
		31,387
Gas lamps discontinued.....	203	
Naphtha lamps discontinued.....	104	
Electric lamps discontinued.....	2	
		309
Total number of lamps lighted June 30.....		31,078

Coal Strike.

Regarding the recent temporary use of bituminous or soft coal at the City's pumping stations, and the consequent annoyance from smoke, it is sufficient to say that the boilers and furnaces at these stations were designed and built for the use of hard coal, presumably with the object of avoiding the smoke nuisance. Contracts for the requisite supplies of anthracite coal have been made from year to year, and were made for this year. When the strike occurred every contractor promptly refused to make deliveries of hard coal, the markets contained no immediate supplies, and the use of soft coal became necessary unless the pumps on which all of Brooklyn and Queens and one-fifth of Manhattan depend for water supply were to be stopped—a calamity to be avoided at all hazards. The efforts of the Department to procure hard coal, where possible when the market for it was temporarily paralyzed, have been so far successful that out of more than twenty pumping stations within the city limits there are only two where the use of soft coal became unavoidable. The high prices at which the Department has been compelled to purchase anthracite coal in this emergency have cut heavily into the appropriations for maintenance of the water systems, which were estimated and made on normal conditions.

I suggest that it would be for the interest of the public at large to amend the Sanitary Code to the extent of suspending its operations prohibitory of the use of soft coal at the City's pumping stations, in emergencies when the only alternative is to use soft coal or stop the water supply to one-half of the people.

BOROUGH OF BROOKLYN.

The excellent report of the Chief Engineer for the Boroughs of Brooklyn and Queens gives in detail the conditions in those boroughs. A few words by way of summary may not be inappropriate in this report.

Work upon the additional conduit between Millburn Pumping Station and Spring Creek is progressing satisfactorily, and, if it be vigilantly followed, should be completed within the time to which performance of the contract was extended by my predecessor.

Contracts for two additional fifteen-million gallon pumping engines, at Millburn Pumping Station, should shortly be let, as the bids will be opened during the present month. It is to be hoped that almost simultaneously contract may be awarded for the additional boilers at this station. The gain which is to ensue to the borough from the installation of the new pumps and boilers has been often pointed out in the reports of the Water Department.

The So-Called "Burr" Law.

My efforts to secure the repeal of chapter 942 of the Laws of 1896, commonly called the "Burr" Law, although ably seconded by civic organizations in Brooklyn, and by the Merchants' Association, failed of success. The Corporation Counsel has advised me that the act in question is unconstitutional, and in all probability is inapplicable to the County of Suffolk. Prompted by this opinion, I at once directed the Chief Engineer to commence surveys in the westerly end of Suffolk County, with a view of ascertaining what ponds and streams were available in that locality for easy annexation to the Brooklyn water system. These surveys are still in progress. The general consensus of opinion seems to be that the "Burr" Law does not in any event prohibit Brooklyn from drawing upon underground supplies in Suffolk County.

Filter Plants at Jameco Pumping Station and at Springfield.

Some years ago the water supply from Springfield and from Baisley's Pond was cut off because of the alleged inability of the then Department to protect the sources of supply from contamination. Inasmuch as the growth of Brooklyn rendered recourse to every available city water source necessary, the former Engineer in charge of the Brooklyn Department, in the fall of 1900, advocated the construction of filter plants both at Jameco Pumping Station and at Springfield. A contract for the construction of such plants was awarded March, 1901. Last fall official tests of the success of these plants in filtering the required quantities of water were begun, but it was discovered that the plants, as then completed, were incapable of responding satisfactorily to contract requirements. Early this year the contractors applied for a brief postponement of the official tests, and after due consideration this was allowed, without prejudice to the terms and obligations of the contract. New official tests were commenced in May last.

These tests have until recently been in progress in alternate periods of two weeks at Springfield and Jameco. Within a few days the Chief Engineer has reported to me that a structural weakness has been displayed in the construction of the bottom of the tanks at Springfield, with the result that filtration could not satisfactorily proceed, and thereupon I ordered the plant to be shut down. A thorough investigation of the efficiency of these plants is, in my judgment, absolutely indispensable. The plants do not seem to conform to contract requirements, the filter houses do not appear to be of suitable size for properly enclosing the filters, nor is ample room provided around each tank, so as to render it easily accessible for operation and repairs. Nor are the buildings sufficiently ventilated. I should advise an examination of a plant which the proprietors under whose process the contractors for the Springfield and Jameco plants are working, have erected at Binghamton. This is said to be a brick structure, with concrete tanks capable of filtering fifteen million gallons of water a day, while the plants at Springfield and Jameco are of brick and wood, with tanks of wood. Payments were made upon these filter contracts of \$94,500, before I assumed office. The stoppage of the Springfield plant cuts off from Ridgewood Reservoir at least two million gallons a day. But this loss is slight in comparison with the danger to the borough's health which might ensue from turning into the conduit such an amount of possibly contaminated water. The plant at Jameco appears to be operating in conformity with the contract. I have given strict orders, both to the Chief Engineer and to the Director of the Mount Prospect Laboratory, to advise me of the first approach of danger, so that the Jameco supply, which is five million gallons per day, might be diverted from the City's mains if the filtration should prove to be inadequate. It is due to the contractors to add that they have expressed a desire to remedy all difficulties and to improve the bottom of the tanks without expense to the City beyond the amount stipulated in the contract.

Horse Brook and Simonson's.

On the 23d of May, at my urgent solicitation, the Board of Estimate and Apportionment appropriated \$200,000 for the construction of filter plants at Horse Brook, Hempstead, and at Simonson's Ponds. The borough's experience with mechanical filters makes me skeptical as to the advisability of the construction of like filters at these last named points. In view of the importance of a wise settlement of the question of proper filtration at Horse Brook and at Simonson's, I deemed it desirable to solicit the aid of a consulting engineer, but while the Board of Estimate and Apportionment acceded to my views, the Board of Aldermen has hitherto withheld its approval.

Additional Driven Well Stations.

An appropriation was also made by the Board of Estimate and Apportionment on May 23 for additional driven well stations. The location of these is of great importance. So far as I can ascertain, the site of the stations heretofore located has been largely left to the judgment of contractors, whereas the problem is one that calls for special and expert talent. The gravel stratum which underlies practically all of Long Island, especially its southern shore, and which is superimposed upon a flooring of impervious clay, unquestionably contains abundant water for the requirements of the borough for many years, if it be only properly tapped. The whole problem of the extension of Brooklyn's water system is intimately connected with the subject of exhausting the possibilities of the present watershed. Upon this subject I call special attention to the report of the Chief Engineer.

Forest Park Reservoir.

Although an act was passed by the Legislature more than a year ago giving the Water Department a site in Forest Park for the construction of a distributing reservoir, nothing has been done, for the reason that no appropriation has yet been made for this purpose. I have earnestly requested such an appropriation. It would appear, however, that, if the present attitude of the City Administration toward this Department is to continue, no money for the construction of such a reservoir will be available until 1904, by which date, it is to be hoped, the constitutional amendment, eliminating the water debt from consideration in the ascertainment of the City's debt incurring power, will have been passed.

Brooklyn Payrolls.

It has recently been discovered that the payrolls for the Borough of Brooklyn have been prepared upon a different basis from the corresponding payrolls for the boroughs of Manhattan and The Bronx. Inquiries and visits to pipe yards and employees have elicited the fact that the custom has long obtained in the Borough of Brooklyn of paying the entire pipe yard force for Sunday service, although but one-half, or less than one-half, of the force reports for work or does any labor at all at a yard every Sunday. The course of procedure has been to charge the City for the entire force each Sunday, although alternate gangs work upon alternate Sundays. However long this practice may have been sanctioned, it has seemed to me improper, if not illegal, and that its continuance would be a waste of the City's moneys. Such a practice has never been followed in Manhattan, and I have, therefore, discontinued it in Brooklyn.

As an evidence of the economy effected by its discontinuance, I may say that in one bureau alone—that of Distribution, Repairs and Complaints—the weekly saving to the City effected by stopping such payments is \$254, or about \$13,000 a year.

Attention is called in the Chief Engineer's report to the fact that the total expenditures for maintenance and operation of the water system in the borough have been kept considerably within the limit of the Budget and leave a considerable balance to the credit.

Burial of Electric Wires.

Acting upon what the head of this Department conceived to be his duty under the Charter, he, as stated in his prior quarterly report, invited the Brooklyn Rapid Transit Company, which is the securities and business corporation owning the stock of the Brooklyn Heights Railroad Company, the Coney Island and Brooklyn Railroad Company (these two lines operating all the trolley systems in the Borough of Brooklyn), the Edison Electric Illuminating Company, which, as owner or lessee, is operating all the electrical illuminating plants in said borough outside of the Twenty-ninth Ward thereof; the New York and New Jersey Telephone Company, the Western Union Telegraph Company, and the Postal Telegraph Cable Company, to a conference, with a view of ascertaining within what period of time the unnecessary overhead wires in that borough might be removed and replaced with underground electrical conductors in subways. In a report which I made to the Board of Estimate and Apportionment on the 9th day of June I summarized the results of this interview. The policy which I advocated in my communication to the Board is, briefly, that the trolley feeder wires of the Brooklyn Rapid Transit Railroad Company, and of the Coney Island and Brooklyn Railroad Company, within an area of two miles from the Brooklyn Bridge, should be removed from the streets, within the space of one year; that, within the like period, the Edison Electric Illuminating Company should remove all its overhead wires from the same area, because it is doubtful whether it has the right to maintain them there at all and because these wires carry a dangerously high current and are a serious menace to life and property in the borough, and that the New York and New Jersey Telephone Company should also remove its overhead conductors from the same area within the same period, and I requested the Board of Estimate and Apportionment at an early date to give a public hearing to all the parties interested, including not only the companies, but the inhabitants of the Borough of Brooklyn, to the end that the sanction of the Board might be added to the notice which I had given the companies, requiring the removal of such wires from said area within the time aforesaid. There seems to be some misapprehension current regarding the trolley wires proposed to be removed. The Department favors no policy which would financially embarrass the trolley companies or destroy the unity of the transportation system. It proposes the removal of their trolley feeder wires only.

BOROUGH OF QUEENS.

The following are the average daily quantities of water pumped and distributed from the public pumping stations during the quarter:

First Ward (Long Island City)—	
Station 1.....	Gallons. 901,187
Station 2.....	1,177,996
Station 3.....	783,393
Third Ward—	
Flushing Station.....	918,943
College Point Station.....	1,039,988
Whitestone, Station 1.....	200,187
Whitestone, Station 2.....	177,240
Total from public pumping stations.....	5,138,034
Under contract with the Citizens' Water Supply Company.....	2,715,803
Total public supply.....	7,854,827
Increase over supply for the second quarter of 1901.....	196,000

The public water supplies of the Borough of Queens have been suffering from inadequate appropriations for the last four years.

In consequence of the limitations of appropriations, repairs or improvements could not be made except as to absolute necessities. Little or no work could be done in the way of maintenance commensurate with the demands upon the service. The result is that in many instances actual renewal of machinery and structures has become indispensable.

Sufficient consideration has not been given to the fact that the sources of water supply at the three stations in Long Island City are so close to populated districts as to render the supply dangerous for public use, in consequence of contamination; and to the necessity of looking to other sources of supply. This compels the City to depend upon the service of private water companies, whose franchises become more valuable as the demands for water service increase, and extensions of their service become necessary.

There can be no question of the public policy of municipal ownership of all necessary sources and works for public water supply, and delay in meeting this question

enhances the cost and the difficulties of attaining the desired object.

In consequence of accumulation of population and consequent contamination of water drawn from these localities, the problem is presented, for prompt solution, of seeking and obtaining new sources of supply. Growth of population and private enterprise in building require constant extension of the water service into new streets and localities. In response to this demand, I asked for an appropriation by bond issue of \$115,000, for this purpose; and, by resolution of the Board of Estimate and Apportionment of May 23, was allowed \$57,500. The immediate demands for water main extension, as presented in reports made to me by the Engineer-in-Charge, include about twelve and a half miles of mains, at an aggregate cost of \$73,000. Aside from the evident propriety of meeting demands for extensions of the water service, there are two reasons of pure finance why such extension should be made: First, the extension of the service produces revenue from water charges to the City, largely in excess of capitalization on the investment; and, secondly, it enhances the value of the property and its capacity for general taxation.

The recent appropriation of \$57,000, for furnishing and laying water mains in the Borough of Queens, will soon be exhausted by contracts now under way.

BOROUGH OF RICHMOND.

The City has, at Tottenville, a small pumping station. A contract for four additional 10-inch wells at Tottenville was let September 17, 1901. Two of these wells have been completed and the other two are nearly so.

The inadequacy of the water supply of the Borough of Richmond is well known, the borough being largely dependent upon two private water companies—the Crystal Water Company and the Staten Island Water Supply Company. Negotiations have for several months been in progress with these companies for a renewal, at lower rates, of the contracts under which these companies respectively furnish hydrant and street sprinkling service to the City.

The policy, as initiated in this Department during the last six months, to acquire the franchises and property of private water companies within the City, should be pursued wherever necessary, unless the City proposes to parallel the pipes and property of these companies in the domains which they severally supply.

During the quarter the City's pumping wells have pumped for a total of 3,929 hours, and 11,879,460.48 gallons have been drawn from these wells and pumped to the standpipe during said quarter, the cost of production averaging \$11.58 for each one million gallons. During the quarter there has been received from water rates \$1,145.81, which amount has been deposited to the credit of the City Chamberlain, in a depository designated by him.

In this borough the Department has been obliged, before issuing permits for opening the streets for the laying of gas mains or the location of poles to carry aerial electric wires, to examine numerous documents presented by applicants for permits, in order to be satisfied that these lighting companies had the requisite consent of the municipal authorities, as defined by the decision of the Court of Appeals. In one instance, while the Department had under advisement an application for a permit, the corporation, in violation of law, proceeded to open the streets and to lay its gas mains in the village of Edgewater. It was promptly notified by this Department that it had committed a wanton trespass upon the City's property; that no permit would be issued so long as such trespass continued, and that it must remove its pipes within forty-eight hours, or that the case would be brought to the attention of the Corporation Counsel. The result of this notification was that the corporation acknowledged its offense, deposited a certificate of deposit in a trust company, in the sum of \$5,000, as partial security for the payment of any damages which the City might sustain by reason of its wanton trespass. The whole case has been referred to the Corporation Counsel, to whom has also been referred the question of the right of the Department to issue any permit whatsoever.

On April 2 I submitted to the Board of Estimate and Apportionment a statement of the probable bond issue needed by this Department during the current year. The aggregate exceeded eight million dollars, but I showed how it could be revised and reduced to a little more than four million dollars, or about one-half of the City's annual revenue from water rates. This statement was the fruit of careful consideration, not only of the Department's needs, but of the probable requirements of other Departments and of the City's debt incurring power. The Board authorized no issue for any of the purposes covered by the statement, until May 23, and then apparently only in response to an urgent appeal from me on May 22, and for a sum inadequate even for most immediate needs.

Impelled some days before this by the conviction that this Department could expect no substantial appropriation for necessary improvements—in fact that none might be obtained until 1904—I tendered you my resignation; nor did the small appropriations of May 23 seem to justify its recall.

In presenting this report, which coincides with the close of my official term, while frankly avowing my conviction that the needs of this Department, with its princely contributions to the City's revenues, have not been acknowledged as I think they should be, I take genuine pleasure in recording that never, even by indirection or innuendo, have you attempted to dictate as to the confidential subordinates or the policy of the Department; that your counsel has been freely and sagaciously given, and that neither in cabinet sessions nor private conference have you enunciated other than the soundest principles for the guidance of departmental chiefs. With such example, I have labored to administer equitably and impartially the important trust confided to my care.

When I contrast the chaotic state of affairs which prevailed throughout this large and newly-created Department on January 1, with present conditions, I hope that the pathway of my successor will be smoothed and his burdens lightened.

Respectfully submitted,

J. HAMPDEN DOUGHERTY,
Commissioner of Water Supply, Gas and Electricity.

DOCUMENT "A."

Statement Showing Titles of Appropriations; Expenditures During Quarter Charged to Appropriations of 1901; Appropriations with Transfers, 1902; Expenditures During First Quarter; Expenditures During Second Quarter; Balances of Appropriations on June 30, 1902; also Titles of Special and Bond Accounts; Balances April 1, 1902; Credits During Quarter; Expenditures During Quarter and Balances on June 30, 1902.

Titles of Appropriations.	Expenditures During Quarter Charged to Appropriations of 1901.	Appropriations with Transfers, 1902.	Expenditures During First Quarter, 1902.	Expenditures During Second Quarter, 1902.	Balances of Appropriations, June 30, 1902.
Salaries—General Administration		\$17,000 00	\$4,274 47	\$5,241 92	\$7,483 61
<i>Manhattan and The Bronx.</i>					
Salaries—Central Office		24,500 00	5,745 07	6,372 64	12,382 29
Salaries—Bureau of Chief Engineer		15,000 00	4,054 95	3,659 97	7,285 08
Salaries—Bureau of Water Registrar		119,415 00	23,389 67	24,283 66	71,741 67
Salaries—Croton Water System		34,930 00	8,598 56	8,999 41	17,332 03
Salaries—Bronx River Works		3,900 00	975 00	975 00	1,950 00
Salaries—Laying Croton Pipes		14,483 75	3,758 37	2,989 33	7,736 05
Salaries—Lighting and Electricity		56,716 00	13,245 43	12,507 78	30,962 79
Salaries—Office of Deputy Commissioner, etc., The Bronx		12,000 00		6,170 18	5,829 82
Maintenance—Croton Water System	\$4,141 49	310,274 50	47,812 15	77,378 43	185,083 92
Bronx River Works—Maintenance and Repairs	1,702 62	32,000 00	4,497 13	6,058 15	21,444 72

Supplies and Contingencies	9,087 00	980 74	3,642 11	4,464 15
For Additional Fire Hydrants	962 40	40,000 00	3,748 95	9,961 58
Laying Croton Pipes	16,880 15			
Public Drinking Hydrants	5,000 00		251 63	4,748 37
Repairing and Renewal of Pipes, Stop Cocks, etc.	584 59	260,000 00	44,562 86	61,448 58
Rentals of Fire Hydrants	19,600 00			19,600 00
Water Supply for the Twenty-fourth Ward	15,600 00			15,600 00
Lamps and Lighting	44,211 51	1,393,149 62	851 50	377,571 27

Borough of Brooklyn.

Salaries—Office of Deputy Commissioner	11,100 00	1,979 22	2,353 14	6,767 64
Salaries—Office of Chief Engineer	6,600 00	1,824 99	1,533 33	3,241 68
Salaries—Office of Water Registrar	63,250 00	17,423 06	17,220 07	28,606 87
Salaries—Laboratory	5,500 00	1,299 96	1,349 98	2,850 06
Salaries—Lighting and Electricity	37,133 25	9,685 06	8,414 33	19,033 86
Supplies and Contingencies	571 69	6,000 00	691 69	1,027 18
Rentals of Fire Hydrants	25,000 00			25,000 00
Lamps and Lighting	108,485 52	990,838 60	124 80	292,942 35

Borough of Queens.

Salaries—Office of Deputy Commissioner	21,050 00	4,807 16	4,766 53	11,476 31
Salaries—Pumping Stations	30,887 50	7,721 55	7,677 20	15,488 75
Salaries—Lighting and Electricity	12,912 00	3,330 00	3,134 00	6,448 00
Pumping Stations—Fuel and Supplies	6,076 24	28,500 00	242 88	594 28
Maintenance and Repairs of Water Pipes, etc.	25,000 00	3,954 23	5,198 18	15,847 59
Laying Water Mains	261 82			
Supplying Water to Long Island City	900 00	100,000 00	6,091 69	14,329 31
Rentals of Fire Hydrants	5,100 00	40,000 00		40,000 00
Lamps and Lighting	88,873 39	376,689 13		107,830 74
Supplies and Contingencies	49 09	2,500 00		510 61

Borough of Richmond.

Salaries—Office of Deputy Commissioner	6,900 00	1,174 98	2,090 44	3,634 58
Salaries—Lighting and Electricity	4,649 50	1,434 99	1,241 31	1,973 17
Pumping Stations—Salaries and Supplies	492 00	7,100 00	906 64	1,473 10
Lamps and Lighting	10,887 73	150,000 00		41,381 78
Rentals of Fire Hydrants	2,950 00	30,052 50		30,052 50
Supplies and Contingencies	500 00	10 90	208 45	280 65

Totals..... \$293,130 24 \$4,364,838 35 \$229,198 65 \$1,122,787 98 \$2,997,251 72

Titles of Special and Bond Accounts.	Balances April 1, 1902.	Credits During the Quarter.	Expenditures During the Quarter.	Balances on June 30, 1902.
<i>Boroughs of Manhattan and The Bronx.</i>				
Additional Water Fund of The City of New York.....	\$138,910 50	.....	\$82,735 57	\$56,174 93
Water Fund—Manhattan and The Bronx	640,977 22	\$250,000 00	107,313 05	783,664 17
Water Main Fund, No. 3.....	436,852 13	.....	10,791 72	426,060 41
Revenue Bond Fund for Temporary Pumping Plant, Borough of The Bronx	22,660 57	.....	6,491 65	16,168 92
<i>Borough of Brooklyn.</i>				
Borough of Brooklyn—Water Construc- tion	100,489 24	.....	3,199 23	97,290 01
Water Construction—Borough of Brook- lyn	1,127,631 45	.....	153,167 24	974,464 21
Water Fund—Borough of Brooklyn...	.....	581,000 00	.....	581,000 00
Water Main Fund—Borough of Brook- lyn	271,653 90	.....	1,702 98	269,950 92
Maintenance—Distribution of Water Supply in the Borough of Brooklyn.	437,937 89	500,000 00	218,844 51	719,093 38
<i>Borough of Queens.</i>				
Revenue Bond Fund for Laying Water Mains in the Borough of Queens....	50,928 74	.....	6,152 18	44,776 56
Water Fund—Borough of Queens.....	99,003 53	57,500 00	.....	156,503 53
<i>Borough of Richmond.</i>				
Water Fund—Borough of Richmond..	9,894 52	.....	6,804 00	3,090 52
Revenue Bond Fund for Laying Water Mains at Tottenville.....	10,000 00	.....	7,391 48	2,608 52

NOTE—There was also expended during the quarter \$1,858.46 charged to Laying Croton Pipes, 1900; \$371.35 charged to Repairing and Renewal of Pipes, Stop Cocks, etc., 1900, and \$6,861.23 charged to Water Supply, Maintenance and Repairs, 1901.

REVENUE FROM THE WATER SERVICE.

<i>Boroughs of Manhattan and The Bronx—</i>		
Annual rates	\$731,619 48	
Penalties on annual rates	2,913 90	
Meter rates	624,580 97	
Water supply to shipping	51,858 95	
Water supply for building purposes	12,044 29	
Water supply for street sprinkling	14,000 00	
Permits to tap water mains	2,297 50	
Miscellaneous receipts	5,086 63	
	\$1,444,401 72	
<i>Borough of Brooklyn—</i>		
Annual rates	\$604,462 69	
Penalties on annual rates	5,837 17	
Meter rates	244,582 39	
Water supply for building purposes	5,014 22	
Water supply for shipping, etc.	3,016 50	
Arrears of water rents	36,515 00	
Miscellaneous receipts	321 00	
	\$899,748 97	

Borough of Queens—	
Annual and meter rates.....	\$25,415 90
Penalties on annual rates.....	22 16
Permits to tap water mains.....	803 00
	26,241 06
Borough of Richmond—	
Annual rates.....	1,145 81
Total revenue for the quarter.....	\$2,371,537 56

SUMMARY OF EXPENDITURES.

On account of appropriations in the annual tax levy.....	\$1,893,119 40
On account of Brooklyn Water Revenue Fund.....	443,875 25
On account of bond issues.....	1,163,673 45
	\$3,500,688 10

Of the amount expended on appropriation accounts, \$1,083,160 59 is chargeable to gas and electric service.

DOCUMENT "B."

Department of Water Supply, Gas and Electricity,
Office of Chief Engineer,
New York, July 12, 1902.

Hon. J. HAMPDEN DOUGHERTY, Commissioner of Water Supply, Gas and Electricity:

Dear Sir—With this please find quarterly report of the operations of the Bureau of Chief Engineer ending June 30, 1902.

BOROUGH OF MANHATTAN AND THE BRONX.

Summary of Expenditures for the Quarter Ending June 30, 1902.

Additional fire hydrants.....	\$10,923 98
Additional water fund.....	30,670 89
Bronx river works, maintenance and repairs.....	7,760 77
Bronx river works, maintenance and repairs, salaries.....	975 00
Bureau of Chief Engineer, salaries.....	3,659 97
Croton water system, maintenance.....	81,131 65
Croton water system, salaries.....	8,999 41
Laying Croton pipes.....	18,305 84
Laying Croton pipes, salaries.....	2,980 33
Public drinking hydrants.....	251 63
Repairing and renewal of pipes, etc.....	61,576 44
Revenue Bond Fund (for temporary pumping plant, Borough of The Bronx).....	9,926 40
Supplies and contingencies.....	354 60
Water Fund, Boroughs of Manhattan and The Bronx.....	119,953 46
Water Main Fund No. 3.....	10,791 72
	\$368,271 09

Storage Reservoirs.

The Croton river furnished a full supply to the aqueducts until May 16, 1902.
15,559,000,000 gallons of water ran over Croton dam in April and May.
37,000,000,000 gallons of stored water on hand June 30, 1902.

STORAGE DRAWN DURING THE QUARTER.

	Gallons.
Middle Branch Reservoir.....	390,000,000
East Branch Reservoir.....	900,000,000
West Branch Reservoir.....	600,000,000
Titicus Reservoir.....	1,050,000,000
Muscot Reservoir.....	870,000,000
Total drawn.....	3,810,000,000
Loss at Croton Lake by evaporation.....	1,190,000,000
Total reduction of storage.....	5,000,000,000

RAINFALL.

	April.	Inches May.	June.	Total, Quarter.
Boyd's Corner Reservoir.....	4.47	3.31	4.68	12.46
Middle Branch Reservoir.....	4.68	3.30	5.41	13.39
Kensico Reservoir.....	4.15	3.58	4.16	11.89
Croton Dam.....	3.68	4.47	4.12	12.27
Central Park Reservoir.....	3.34	1.87	4.29	9.50

The heavy freshets of December, 1901, and March, 1902, carried away the coping on East Branch Reservoir dam, washed out the disintegrated rock of the spillway, necessitating the replacing of the coping and excavation and paving with masonry the spillway and the channel of the river from the dam to roadway bridge below same, and raising of the dam and roadways around same where necessary two feet. Surveys, plans, etc., are being made for this work, and maps, descriptions, etc., are being made for lands on the Bronx river above Kensico dam, on the Wampus branch and pond of the Byram river and on the outlet and inlet of Rye ponds; around Lakes Mahopac and Kirk, along the outlet of same and along Muscot river to Westchester County line, necessary to protect the streams from pollution, under the laws of the State Board of Health.

Sanitary Protection of the Croton Watershed.

The electrozone plant at Brewsters and the dry pan process at Mt. Kisco have been continued treating the sewage of these villages.

There are four Commissioners of Appraisal taking lands in the Croton watershed. Sundry reports have been made by them and testimony is still being taken to close up the proceedings. All of the moneys available have been expended, and I recommend that the Board of Estimate and Apportionment be called upon for a further issue of bonds of \$250,000 in order to be prepared to close up these proceedings when the reports of the Commissioners have been approved by the courts.

Bronx and Byram River Supply.

The regular force has been employed cleaning up and keeping in order the conduits, roads, channelways and reservoirs. The freshet of March has largely increased this work.

The injunction of the courts as to using the supply from the Byram has been vacated and only awaits the completion of the necessary legal papers to allow the opening of the gates between the Byram and Bronx rivers.

Storage Drain During the Quarter.

	Gallons.
Kensico Reservoir.....	450,000,000
Rye Ponds Reservoir.....	240,000,000
Total.....	690,000,000

300,000,000 gallons ran to waste over Kensico dam in April.

3,200,000,000 gallons storage on hand.

The use of the temporary pumping plant north of Jerome Park Reservoir pumping

water from the old Croton Aqueduct has been continued to supply the Borough of The Bronx with the increased supply necessary over and above that from the Bronx river, the supply from the Byram river being temporarily stopped by an injunction from the United States courts, which I am informed will be dissolved after the necessary legal papers have been signed.

Owing to the delays in laying the 48-inch mains around Jerome Park Reservoir (made necessary by the delays in completing this reservoir by the Aqueduct Commission), the supplying of the lower portion of the Bronx Borough from the old Croton Aqueduct will not be completed until September, and it becomes imperatively necessary to continue the use of this temporary pumping plant until this is completed.

Water Fund Main No. 3.

The contract for furnishing and erecting two fifteen million gallon pumps at the station, One Hundred and Seventy-ninth street, near Harlem river, is progressing slowly; the contractor will commence erecting the engines and boilers in July.

The contractor for foundations of engine, boiler and coal house at pumping station at Jerome Park Reservoir will complete his work in July.

The contractor for building engine, boiler and coal house at Jerome Park Reservoir has done no work or delivered any material. Notice has been sent him certifying that the work is unnecessarily delayed.

The contractor for erecting tank and standpipe and connections in the pumping station has done no work and only delivered a small portion of the material.

The contractor for building and erecting two ten million gallon pumping engines and boilers at Jerome Park Reservoir has commenced work in shop on same.

A contract is being advertised for an additional 48-inch stop-cock on the 48-inch main on Tenth avenue at Sixty-first street.

Water Fund, Boroughs of Manhattan and Bronx.

In addition to the work recommended and under way in the Croton watershed, as stated in former pages.

The contractor for laying 48-inch mains east of and connecting with the old aqueduct near Gun Hill road has been delayed by the New York Central Railroad Company as to crossing their railroad tracks north of Bedford Park, and by the building of sewers on Southern Boulevard between One Hundred and Ninetieth and One Hundred and Seventy-sixth streets. These detentions will be overcome in July, so that he can increase his force and complete his work in September, enabling the Department to supply the lower levels of the Borough of The Bronx east of the old Croton aqueduct for same.

The contractor for laying 48-inch mains west of the old Croton aqueduct is progressing rapidly.

The contractor for laying mains to the East river and across the river to and on Riker's Island has commenced work, and if not delayed by receipt of flexible pipe will complete his work in July.

The contractor for laying mains to connect with the pumping station at Jerome Park Reservoir and the several distributing mains in The Bronx has commenced delivering pipes.

Contracts are being printed and plans, etc., made for laying mains in the Boroughs of The Bronx and Manhattan, \$250,000 having been appropriated for same in May, 1902.

Laying Croton Pipes and Water Fund Under Section 178 of the New Charter.

Contracts for laying and relaying water mains in the following streets and avenues have been completed during the quarter:

Eight avenue, between Fifty-first and Sixtieth streets.
Park avenue, between Sixty-ninth and Eighty-second streets.
Johnson avenue, between Kappock street and Palisade avenue.
Crotona avenue, between One Hundred and Eightieth street and Southern Boulevard.
Nelson avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-sixth streets.
Tremont avenue, between Jerome and Aqueduct avenues.
Trinity avenue, between Westchester avenue and One Hundred and Fifty-eighth street.
Wadsworth avenue, between Eleventh avenue and Kingsbridge road.
(R) Washington avenue, between One Hundred and Seventy-seventh street and Third avenue.
Sixty-ninth street, between Park and Third avenues.
(R) One Hundred and Eighth street, between Broadway and Riverside Drive.
One Hundred and Sixty-second street, between Jumel terrace and Edgcombe avenue.
Two Hundred and Thirty-eighth street, between Bailey avenue and Broadway.
Broadway, between One Hundred and Fifty-eighth street and Fort Washington avenue.
Lorillard Place, between One Hundred and Eighty-eighth and One Hundred and Eighty-ninth streets.
Blackwell's Island, from end of old main to Charity Hospital.

Linear Feet.

PIPE LAID.	
48-inch.....	7,170
20-inch.....	631
12-inch.....	477
6-inch.....	16,293
Total.....	24,571

In addition to above amount of pipe laid the following amount of pipe has been relaid during the quarter on account of the laying of large mains in the Borough of The Bronx:

	Linear Feet.
12-inch.....	1,250
6-inch.....	1,200
Total.....	2,450

STOP-COCKS SET.

48-inch.....	1
12-inch.....	3
6-inch.....	31
Total.....	35

HYDRANTS PLACED.

"New York".....	39
"No. 1".....	3
Total.....	42

Detail of Work Done During the Quarter.

Location.	48-in. Pipe Laid.	20-in. Pipe Laid.	12-in. Pipe Laid.	6-in. Pipe Laid.	48-in. S. C. Set.	12-in. S. C. Set.	6-in. S. C. Set.	N. Y. Hy. drants.	No. 1 Hy. drants.
Hunt's Point road, Minada street, etc.....	.....	.....	.....	4,800	..	..	2	..	3
Bailey avenue, Harlem River terrace, etc.....	4,800	.....	.....	.....	..	..	..	..	..
Mosholu parkway, etc.....	2,370	.....	10	50	1	..	1	1	..
	7,170	.....	10	4,850	1	..	3	1	3
Laying Croton pipes.....	.....	631	467	11,443	..	3	28	38	..
	7,170	631	477	16,293	1	3	31	39	3

(R) indicates mains relaid and replacing others.

Croton Water System Maintenance.

The water furnished the Boroughs of Manhattan and part of The Bronx has passed through the new Aqueduct, except that furnished to Sing Sing Prison, the contractors at Cornell Dam and Jerome Park Reservoir, and to the temporary pumping plant at Gun Hill road, which, to the amount of 12,000,000 gallons per day, has passed through the old Croton Aqueduct.

Eight gangs of men have been employed taking care of the roads, gate houses, culverts, conduits and reservoirs and operating the pumping stations, and four gangs taking care of the storage reservoirs, roads, streams, etc. The three pumping stations have been run to their full capacity during the quarter, except ten days' stoppage of ten million gallon pump at Ninety-eighth street for repairs.

The coping on the dam at West Branch Reservoir has been reset.

The coal strike has interrupted the delivery of anthracite coal. Semi-bituminous coal has been bought on special orders and a mixture of soft and hard coal used and at present are ordering anthracite coal at very high prices.

One contract has been entered into for repairs to boilers at Ninety-eighth street pumping station and work has been commenced.

Statement of Work Done Along Aqueduct and Reservoirs, 1902.

	Rock Excavated— Cubic Yards.	Dry Masonry— Cubic Yards.	Filling and Grading— Cubic Yards.	Paving Gutters— Square Feet.	Hauling Dirt— Cubic Yards.	Sodding— Square Feet.	Flagging— Square Feet.	Water Pipe Laid— Linear Feet.	Tile Drain— Linear Feet.	Pointing Masonry— Square Feet.	Brickwork— Cubic Yards.	Fence Built— Linear Feet.	Fence Repaired— Linear Feet.	Fence Painted— Linear Feet.	Fence Posts Set.
Division No. 1..	222	1,342										325			
Division No. 2..	31	149										963		963	
Division No. 3..	45	80	130		135								600	2,000	
Division No. 4..												375	720	1,100	
Division No. 5..			130		400	600	600	285	65			1,514	800	65	85
Division No. 6..		25	40									500		600	
Division No. 7..			150												
Division No. 8..										2,088	34			100	
Total	45	136	821	1,342	535	600	600	285	65	2,088	34	3,677	2,120	4,828	85

Placing Additional Fire Hydrants and Making Repairs to Large Mains, etc.

Two gangs of men have been employed during the quarter placing new hydrants, relaying and repairing large mains, stop-cocks, hydrants, etc. The amount of work done is as follows.

- 4 linear feet of new 20-inch pipe laid.
- 30 linear feet of new 12-inch pipe laid.
- 583 linear feet of new 6-inch pipe laid.
- 15 linear feet of new 4-inch pipe laid.
- 30 additional "New York" hydrants placed.
- 13 "New York" hydrants replaced.
- 49 "New York" hydrants set in place of defective hydrants.
- 2 new double nozzle "A" hydrants placed.
- 2 hydrants repaired.
- 4 new 12-inch stop-cocks and boxes set.
- 13 new 6-inch stop-cocks and boxes set.
- 1 6-inch stop-cock replaced.
- 1 36-inch stop-cock repaired.
- 3 6-inch stop-cocks repaired.
- 1 48-inch main repaired.
- 1 36-inch main repaired.
- 1 24-inch main repaired.
- 1 6-inch main repaired.
- 2 6-inch stop-cocks cleaned and oiled.
- 1 20-inch stop-cock cleaned and oiled.
- 1 36-inch stop-cock cleaned and oiled.
- 3 48-inch stop-cocks cleaned and oiled.
- 3 taps shut off.

Contracts have been entered into for furnishing double nozzle case hydrants and for excavating rock where necessary for placing these hydrants on the present mains. In order to comply with the numerous requests of the Fire Department for additional hydrants on present mains on account of the changes in the character of buildings now being erected, a further sum of \$50,000 could be economically expended during the present year.

Repairing and Renewal of Pipes, etc.

WORK DONE DURING THE QUARTER BY THE SIX REPAIR GANGS, AT THE PIPE YARD AND TAPERS, ETC.

- 203 new hydrants set.
- 3,340 old hydrants repaired.
- 18 new stop-cocks set.
- 409 old stop-cocks repaired.
- 236 leaks in mains repaired.
- 341 taps shut off service pipes broken.
- 685 linear feet of new pipe used for repairing mains.
- 449 hydrants found improperly closed.
- 570 permits issued to tap mains.
- 41 horse troughs repaired.
- 1 horse trough removed.
- 1 horse trough (new) placed.

One contract for furnishing stop-cocks, hydrants, etc., and one contract for furnishing cast iron pipe and special castings has been entered into.

The use of hydrants by all of the departments of the City, by contractors on City and private work and by contractors of the Rapid Transit Commission, now equal to one-half of the hydrants in the City (6,000 in number), makes the care of same very onerous on this Department. As they are distributed over 600 miles of streets and avenues, it is impracticable to keep up proper supervision. The large number repaired shows the extreme use of a privilege that is not allowed in any other city in this country and induces waste in houses.

In shutting off for repairs to mains, stop-cocks and hydrants in the manufacturing districts during the day time complaints are made that it will injure boilers and deprive large numbers of employees of work and requests that the work be done after hours, necessitating a large amount of overtime.

In 1899 the office and storehouse at the west side of the pipe yard was broken down by the fall of walls of the factory adjacent that was destroyed by fire. This has not been rebuilt, the Department not having obtained any appropriation for same asked for by the then Department of Buildings and Supplies. The Department is now very much cramped for room to store the large number of the several classes of material necessary for repairs. I recommend that the same be rebuilt and paid from the appropriation for repairing and renewal of pipes, etc., 1902, at an expense not to exceed \$8,000, in which account there is a sufficient balance.

Until 1896 this Department had the use of the bulkhead on East river, between Twenty-fourth and Twenty-fifth streets, and the pier at foot of Twenty-fourth street for the landing and storing of pipes, specials, etc. In 1896 the bulkhead was taken by the Dock Department for their use, and in 1900 the pier was taken for a recreation

pier, leaving this Department without any place near their principal yard for receiving or storing pipe, etc.

Part of pier at Twenty-eighth street, East river, was first given, and afterwards this was changed to part of pier at foot of Twentieth street, East river, necessitating an extra number of watchmen and loss of time transferring men from yard to load and unload materials.

During this year the Department of Docks has restricted the use of the Twentieth Street Pier so that it is impracticable to receive and store the necessary quantities of materials to carry on the work of the Department. See section 479 of the Charter. Under section 836 of the Charter the Commissioner of Docks shall designate and set apart for the use of the City departments suitable wharves, piers, bulkheads, etc., for the use of said departments.

I recommend that the Department of Docks be called upon to set apart for this Department a bulkhead and pier in the immediate vicinity of the pipe yard, Twenty-fourth street, near East river, for receiving and storing pipe, castings, etc.

Rapid Transit Tunnel.

The large number of changes of mains made necessary by this work not only requires numerous plans to be approved and changed, superintendence and inspection of same, but inconveniences many persons by decreasing the supply of water, and although it is generally done at night and Sundays, causes numerous complaints to be made to this Department as to pressure and want of water. As the districts affected are very large, no adequate notice can be given.

Waste and Use of Water.

	Gallons.
April—	
Average daily use from Croton river.....	261,000,000
Average daily use from Bronx river.....	19,000,000
Total average April.....	280,000,000
May—	
Average daily use from Croton river.....	267,000,000
Average daily use from Bronx river.....	19,000,000
Total average May.....	286,000,000
June—	
Average daily use from Croton river.....	267,000,000
Average daily use from Bronx river.....	18,000,000
Total average June.....	285,000,000

BOROUGH OF RICHMOND.

Summary of Expenditures for the Quarter Ending June 30, 1902.

Pumping stations, salaries and supplies.....	\$1,473 10
Revenue Bond Fund (for laying water mains in Borough of Richmond)	7,391 48
Salaries, office of Deputy Commissioner.....	1,508 04
Supplies and contingencies.....	95 40
Water Fund, Borough of Richmond.....	6,804 00
Rental of fire hydrants.....	2,950 00
	<u>\$20,222 02</u>

The contract for furnishing and laying mains in Central avenue between Amboy avenue and Raritan Bay; Amboy avenue between Central avenue and Church street; Church street, between Broadway and Amboy avenue, and in Broadway, between Church street and Lehigh avenue, has been completed, awaiting a certificate from the Bureau of Highways as to condition of pavements restored.

The contract for driving four additional ten-inch wells and furnishing and placing necessary pumps and appurtenances at Tottenville pumping station has been completed and tested. The contractor is now cleaning up the grounds.

There has been furnished from the wells an average per day of 131,000 gallons.

Twenty-four taps placed during the quarter.

At the Tottenville station there are two boilers set in one setting, so that it is impracticable to clean or repair same and keep the houses supplied with water. As the new mains laid during the quarter will largely increase the use, another boiler with necessary appurtenances and connections is required at once, also an addition to the boiler house and a store house for oil, waste, tools, etc. The estimated cost will be \$8,000.

It being necessary to run the pumps sixteen hours per day, the laborers now employed on this work should be promoted to enginemen at \$1,000 per annum, stokers at \$720 per annum, which would also do away with the small weekly roll.

Respectfully yours,

G. W. BIRDSALL, Chief Engineer.

Attached find summary of moneys required:

SANITARY PROTECTION ACT.

Chapter 189, Laws of 1893, and Amendments.

Under the several proceedings under this act there still remains to be paid for, as far as known, over and above the amounts already paid or provided for at least \$250,000, all of which will be closed this year.

Water Fund, Section 178 of the Charter.

The heavy freshets of December, 1901, and March, 1902, carried away the coping on East Branch reservoir dam, washed out the disintegrated rock of the spillway, necessitating the replacing of the coping and the excavation and paving with masonry the spillway and the river from dam to Highway Bridge, and while doing this to raise the spillway two feet and some of the roads around the reservoir. Estimated cost.....

\$50,000 00

Under several proceedings now being completed for taking lands for settlement of damages on Byram river, in Connecticut, and for proceedings now being commenced, a further expenditure will be necessary to pay for lands, damages and expenses during the year 1902.....

\$100,000 00

The amount allowed for laying water mains does not provide for all of the mains necessary in the Boroughs of Manhattan and The Bronx. Additional amount necessary for 1902.....

\$150,000 00

The Fire Department is making continual calls for large hydrants, especially where the class of buildings are changing from private houses to mercantile establishments, large flats, apartment houses and hotels. There can be expended during this year economically.....

\$50,000 00

At the pumping station at Tottenville, Borough of Richmond, there are two boilers in one setting which cannot be cleaned or repaired without shutting down the works. Formerly the capacity of the stand allowed the stoppage of pumping for twenty-four hours. The increased use at present, especially since the laying of additional mains, compels the use of the boilers continuously, therefore it is of immediate necessity that another boiler and appurtenances be erected, the necessary changes and enlargement of the boiler house be made and a storehouse erected. Estimated cost

\$8,000 00

DOCUMENT "C."

OFFICE OF CHIEF ENGINEER, DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY,
BOROUGH OF BROOKLYN AND QUEENS.

Report for Quarter Ending June 30, 1902.

CITY OF NEW YORK, BOROUGH OF BROOKLYN AND QUEENS,
DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY,
CHIEF ENGINEER'S OFFICE, ROOM NO. 25, MUNICIPAL BUILDING,
BROOKLYN, N. Y., July 9, 1902.

Hon. J. HAMPDEN DOUGHERTY, Commissioner of Water Supply, Gas and Electricity:

DEAR SIR—I submit herewith report showing condition of water supply in the boroughs of Brooklyn and Queens, and the work done in connection with the same during the quarter ending June 30, 1902, as well as a statement of the receipts and expenditures during these three months in the Borough of Brooklyn, together with the expenditures in the Borough of Queens.

STATEMENT OF RECEIPTS AND EXPENDITURES.

BOROUGH OF BROOKLYN.

Receipts.

Regular water rates.....	\$604,462 69
Tax Collector.....	13,659 30
Metered water rates.....	244,582 39
Default water rates.....	5,837 17
Building purposes.....	5,014 22
Water permits.....	3,016 50
Arrears for water.....	36,515 00
Miscellaneous receipts.....	321 00
Total receipts.....	\$913,408 27

Expenditures.

Water Revenue—	
Maintenance and Repairs—	
Salaries and wages.....	\$114,587 70
Materials and supplies.....	76,918 91
Distribution and repairs—	
Salaries and wages.....	45,062 00
Materials and supplies.....	2,212 70
Tax Levy—	
Salaries—	
Office Deputy Commissioner.....	\$2,353 14
Office Chief Engineer.....	1,533 33
Office Water Registrar.....	17,197 85
Office Laboratory.....	1,349 98
Supplies—	
Contingencies.....	\$1,047 09
Fire hydrants.....	6,250 00
Bond Accounts—	
Water Main Fund, Brooklyn.....	\$30,241 85
Water construction, Brooklyn.....	151,164 07
Brooklyn water construction.....	3,199 23
Total expenditures.....	\$453,117 85

STATEMENT OF EXPENDITURES.

BOROUGH OF QUEENS.

Salaries, pumping stations.....	\$7,677 20
Pumping stations, fuel and supplies.....	567 19
Maintenance and repairs of water pipes, etc.....	5,198 18
Supplying water to Long Island City.....	17,943 04
Supplies and contingencies.....	201 72
Revenue Bond Fund for laying water mains.....	5,902 18
Pumping stations, fuel and supplies, 1901.....	6,076 24
Laying water mains, 1901.....	511 82
Rentals of fire hydrants, 1901.....	60 00
Contingencies, 1901.....	2 45
Total expenditures.....	\$44,140 02

Expenses Reduced Below Revised Budget Submitted in January, 1902.

In January last, at the beginning of your administration, I prepared, by your direction, a revised budget for the current year, which provided for a reduction in force and a yearly saving in salaries, on the basis of the payroll of December, 1901, of \$112,523.80, and a saving, as compared with the budget for the present year, which had been submitted by your predecessor, of \$154,389. While this saving was considerable, it must be gratifying to you to realize that the recommendations for reductions submitted to you were conservative and carefully made, since the results of the last six months show that the total expenditures are well within our reduced budget, and, in fact, leave to our credit a considerable balance.

WATER SUPPLY, BOROUGH OF BROOKLYN.

CONSUMPTION.

Average Daily Consumption, U. S. Gallons.

System.	April.	May.	June.	Three Months.
Ridgewood Supply—				
Ridgewood low service.....	83,182,733	84,836,111	85,319,815	84,450,504
Mount Prospect low service.....	5,723,440	5,276,562	5,393,623	5,462,476
Mount Prospect high service.....	3,201,667	3,125,645	3,285,200	3,203,308
Total Ridgewood.....	92,107,840	93,238,318	93,998,638	93,116,288
Gravesend.....	2,777,773	2,914,893	3,101,760	2,931,294
New Utrecht.....	1,453,873	1,509,861	1,478,780	1,481,157
New Lots.....	3,508,204	3,507,855	3,595,677	3,536,921
Total.....	99,847,690	101,170,927	102,174,855	101,065,660

Storage and Reservoirs, U. S. Gallons.

Reservoir.	April 1, 1902.	July 1, 1902.	Gain.	Loss.
Ridgewood—Basin No. 1.....	50,284,300	49,109,400	.....	1,174,900
Ridgewood—Basin No. 2.....	58,598,400	57,018,600	.....	1,579,800
Ridgewood—Basin No. 3.....	101,879,000	93,171,400	.....	8,707,600
Mount Prospect.....	20,327,800	20,690,300	362,500	.....
Hempstead.....	847,428,000	783,898,000	.....	63,530,000
New Lots.....	3,478,300	3,331,600	.....	146,700
Total.....	1,081,995,800	1,007,219,300	.....	74,776,500

Rainfall—Inches.

Location.	April,	May,	June,	Total,
	1901.	1902.	1901.	1902.
Municipal Building.....	6.33	3.39	7.03	1.20
Hempstead Reservoir.....	8.05	3.62	7.17	1.01

While the rainfall for this quarter has been practically equal to the average rate, it has been very unequally distributed, ranging between 1.01 inches in May, as a minimum, and 6.03 inches in June, as a maximum.

General Condition of Supply.

The normal rainfall of April, followed by an extremely low rainfall in May, so reduced the flow of the streams that it was necessary to start the driven well stations on the new watershed in order to provide the supply required to meet the consumption. The Merrick station was started on June 8 and the Wantagh station started on June 12. These stations continued running throughout the month and had it not been for the heavy rainfall in June it would have been necessary to start some of the other stations. The maximum amount in storage (1,122,056,500 gallons) during the quarter was recorded on May 5 and the minimum (985,916,500 gallons) on June 21. This shows an average loss from storage per day of 2,854,043 gallons and illustrates the rapid depletion in our stored water during seasons of drought. The lack of conduit capacity compelled us to reduce somewhat the amount pumped at Millburn, as the elevation of water in the conduit between Clear Stream and Smith's Pond was higher than was consistent with conservative regard for the safety of the structure. Under the pressing requirement of the consumption we have taxed this conduit at its eastern end to the verge of danger, and the completion of the additional pipe conduit being laid by contractor William H. Masterson will bring much needed and long delayed relief. We are urging the contractor to complete the 48-inch pipe as soon as possible to the gate chamber near the Oconee pumping station, where a 24-inch connection will be made with the old brick conduit, through which at least partial relief from our present inadequate conduit capacity will be secured. This connection can probably be made and utilized early in August.

The chemical and bacteriological condition of the supply has been nearly normal during the quarter, but the rapid growth of micro-organisms in Ridgewood basins 2 and 3 made it necessary to shut off these basins on April 25. They were again put in service on May 28, after the number of micro-organisms had been so reduced as to avoid all danger of unpleasant odor and taste in the water. The Mt. Prospect Reservoir was also cut off from direct service on April 28, the water being pumped through the by-pass pipes and the reservoir utilized as an equalizing basin; the use of the by-pass pipe was discontinued on May 28 and the supply again drawn from the reservoir.

Extension of Distribution.

In the last quarterly report I alluded to the cumbersome method specified under the old Charter to secure authorization to lay water mains and to the practice prescribed by the Manhattan office for the disposal of petitions presented in this borough. I stated that owing to these causes the confusion in the records was such as to render it difficult to determine what had become of the petitions, and which of these had been recommended and rejected, and as the result of careful investigations of the whole subject, started early in the year, I submitted a complete tabulated statement showing what petitions had been reported favorably and their estimated cost, and also which of these petitions had been rejected and on what grounds. An appropriation of \$250,000 was made during 1901 to cover the cost of these mains, and it was intended that this money should cover the cost of additional mains, but as a large number of resolutions authorizing the laying of mains were not acted upon by all the necessary boards previous to January 1, it was, under an opinion of the Corporation Counsel, necessary to obtain an additional appropriation to cover the cost of laying these mains. This appropriation was made by the Board of Estimate and Apportionment on May 23, the Board taking advantage of section 178 of the Charter, which provided for the issuing of bonds for water supply purposes to the amount of \$2,000,000 in any one year without further action by the Board of Aldermen. The appropriation for laying additional water mains, in the Borough of Brooklyn amounted to \$175,000. The contract for additional mains, approved under the last administration, has been awarded and the contractor has commenced work, and a contract is now in course of preparation covering all streets which have been reported on favorably up to the present time. The following work has been done in laying additional distribution pipe:

Water Mains Laid.	20-Inch.	12-Inch.	8-Inch.	6-Inch.	Total.
Linear feet.....	1,320	1,118	6,714	873	10,025
Water gates set.....	3	4	16	14	37
Fire hydrants set.....	...	...	...	...	37
Linear feet of hydrant branches.....	...	...	...	...	367

Favorable reports were made on petitions for eighteen different streets and avenues, covering a total distance of 16,015 feet, and petitions for eighteen streets were reported on unfavorably.

Pumping Stations.

MT. PROSPECT. (SAVING IN PUMPING.)

The pumping at the Mt. Prospect station for the quarter has averaged about 900,000 gallons daily less for the reservoir and about 190,000 gallons daily more for the tower than during the corresponding period of last year. There has been a reduction in the average daily consumption from the reservoir service of over 1,500,000 gallons when compared with the consumption just previous to the re-arrangement and inspection of the gates along the boundary between the Mt. Prospect Reservoir and Ridgewood Reservoir systems. There has also been a reduction in the tower pumping of about 200,000 gallons daily, due to the same cause. This is a valuable and important result, bearing in mind that the water of the high service is the most costly one; that the increased pressure, other things being equal, causes increased waste, and that the supply at present provided for the high service district is inadequate and should, therefore, be most carefully managed. The relatively large saving in pumping, hereinbefore mentioned, also illustrates what can be accomplished by an intelligent study of the distribution and careful readjustment of the boundaries between high and low service. As mentioned in my previous quarterly report, it was intended to completely define and trace the most advantageous boundary line between the Mt. Prospect Reservoir and

the Ridgewood Reservoir systems. While it seems probable that the gates between the Mt. Prospect system and the Ridgewood system have all been closed, thus practically stopping the leakage between the two systems, there may still be some leakage between the Mt. Prospect tower and reservoir systems. Owing to the increase in work and the reduction of force caused by the resignation of two of our Rodmen, it has been impossible to continue the taking of pressures in the Mt. Prospect district and it has also been necessary to postpone the taking of pressures throughout the distribution system. The importance of this work is readily shown by the numerous complaints which are received of lack of pressure, which are found to be well founded in most instances. The two boilers furnished by Messrs. Williams & Gerstle have been utilized and the contract is now complete with the exception of one or two minor details. The test of the boilers was made on June 2 by Mr. R. P. Bolton and the boilers reported as being in accordance with the specifications.

GRAVESEND AND NEW UTRECHT STATIONS.

There has been nothing done at these stations except such repairs as could be done by the employees. The condition of the engines and boilers of the same has been previously reported.

RIDGEWOOD OLD STATION.

The coal strike has caused considerable trouble at this station and at all others using hard coal. The contractor has not been able to deliver anthracite coal and we have therefore been compelled to use soft coal. Some annoyance from the smoke has resulted thereby as well as increased labor in handling the coal. The flooring in the engine room has been completed and work on the installation of the new electric light, which will be referred to later, has been commenced by the contractor.

The repairs to No. 3 beam engine, which were started in December, were completed and the engine put in operation on June 17, and it is now being kept in regular service. General repairs were made to the other engines and boilers, and specifications have been drawn for painting the large steel smokestack. The corrugated iron roof over the coal storage on the west end is in very bad condition and should be repaired during the summer.

RIDGEWOOD NEW STATION.

Necessary repairs have been made on the five Worthington engines, and particularly on No. 3 engine. It was found necessary to make new cast steel valve stems and the engine has been out of service awaiting these castings. It may be necessary to utilize the old stems and start the engine temporarily. The repairs of boiler No. 21 of the Bigelow battery have been completed, but it cannot be set wholly until the repairs of No. 22 are finished. The furnace between boilers Nos. 24 and 25 gave out late in June and the work of repairs is now being hurried. Owing to the repairs on the Bigelow boilers, the Strong battery has been in almost constant service, and, although the boilers are in good condition, they should be washed. The coal conveyor has broken down and the repairs have not been completed; this has caused considerable inconvenience. The slate roof on the main engine room leaks badly and should be repaired before winter. The contractor for the electric light work has installed part of the new wiring required on the south side.

NEW LOTS STATION.

The New Lots station has been able to meet the demands of the district it supplies, but in May a broken piston rod on the No. 1 pump made it necessary to shut down the station for a few hours. This caused an unusual draft on the small reservoir connected with the system and quite a large amount of vegetable matter was drawn into the mains. The reservoir was shut off for a few days and would have been closed had it not been for the shortage in the coal supply. The fourth boiler being supplied by A. D. Granger Company, at a cost of \$769, has been delivered and set and is awaiting the official test by the Police Department.

LINE STATIONS.

The Spring Creek plant has been run continuously, but the yield in the wells has fallen off, especially from the shallow wells, and these will have to be pulled up, cleaned and redriven, and may require new strainers.

The Shetucket and Oconee stations have been shut down and given the annual overhauling, it being necessary to stop these plants, as there was only one engine at each station.

The Baiseleys station has run for sixteen hours the greater part of the time, but, owing to shortage of men, it was in operation for only eight hours for about one week. The brick chimney at this station has been repointed and a new brick cap set.

Minor repairs have been made at the Jameco, Springfield and Forest Stream stations.

At the Clear Stream station a new flooring has been put in the engine room and other necessary repairs made. The wells at this station have been pulled up and redriven with new 5-foot points.

At Watt's Pond and Smith's Pond minor repairs have been made.

At the Millburn station all the engines have been overhauled and fitted with new leather packings. As the yield from this station is determined entirely by pump displacement, the nominal yield of the station was undervalued when the engines were started, owing to there being less slip with the new packing. This condition does not last very long, however, and the lost action at present allowed is probably about as near as can be determined.

The five driven well stations east of Millburn were not run during April and May, and in June the Merrick and Wantagh stations were started, as has already been stated. New weir boxes were built at Matowa and Massapequa, and the Wantagh box completed. All these boxes, with the exception of Matowa, are in good condition, and can be utilized when required. Work has been continued on cleaning the driven wells at the Wantagh and Merrick stations and the strainers of the wells recovered in most cases.

Premium to Stokers.

The cost of coal forms such a large part of the operating expenses of our system that the reduction of even a small percentage of the amount consumed is important. As one of the means to accomplish this object, we, several years ago, offered a small monthly prize at Ridgewood to the gang of Stokers who, during their watch, would consume the least amount of coal, and the results obtained fully warranted the adoption of this measure. The weight of coal consumed was carefully checked, and the award to the successful gang made by the Engineer in charge of the station and approved by the Commissioner. The small premium thus paid invariably brought ample return. If approved by you, we may again try this plan.

Filter Plants at Baiseleys and Springfield.

After a number of changes in both these plants, of which the most important were the building of inner compartments in the tanks to increase the capacity for sedimentation, and partial change of sand, the test of these plants was begun on May 5. The contract provides (section 44) that in order to determine whether the requirements have been complied with, tests of these plants will be made and that "the test of each plant will extend over a period of twelve (12) weeks and the observations will be made daily (Sundays excepted) in periods of two successive weeks at each plant, no observations being taken at one while they are carried on at the other, so that the full period devoted to each will be six (6) weeks."

The first two weeks' period test was made at Springfield, i. e., from May 5 to May 18, and on June 10 I fully reported to you on this test, giving complete details of the method of observation, records, daily reports, etc., to which I beg to refer. With the unimportant exceptions noted in my report, the results of this test fall within the limits of contract requirements.

The next test was made at Baiseleys and extended from May 19 to June 1. I fully reported on the same on June 12. The results obtained in this case fell within the limits of the contract requirements.

The next test was the second two weeks' period of the filter plant at Springfield, i. e., from June 2 to June 15, on which I reported on July 3. The result of the test showed that as regards the capacity of the plant the contract requirements had been fulfilled. Your attention was called in my report, as it had been in the two previous ones, both at Springfield and Baiseleys, to the lack of an effective automatic device to regulate the rate of filtration. The requirements for purification were not complied with, nor was the requirement stipulating that the alkalinity of the filtered water shall not be greater than that of the applied water. Reference was made by me in this report

to an accident to tank No. 6, the details of which were given. In commenting on this test I stated: "The results of this period's test show structural weakness in the construction of the bottoms of the tanks, particularly at the junction of the staves of the tanks, where the accident above referred to occurred; also defective arrangements for admission of the coagulant to the water. It would seem that either the alum tanks must be elevated, or the alum admitted to the suction of the pumps, so that in either case the coagulant may flow by gravity, the alum pump having failed to work satisfactorily. The lack of adequate automatic regulation has already been referred to. Lastly, there should be a more efficient supervision of the operation of the tanks (on the part of the contractor). The irregular operation of the plant must be, in great part at least, attributed to the need of this careful supervision. It has furthermore been observed that the bacterial results from samples taken during the day time are generally better than those at night, and the operations of the entire filter plant are more satisfactory during the day than at night. The samples collected from the individual filters, which were taken during the day, gave better results than those collected from the outlet pipe." I appended to my report to you on this test copy of letter from Messrs. J. P. Cranford & Co., the contractors, requesting that the week from June 9 to 14 of this test at the Springfield plant should not be considered as part of the official test.

The next two weeks' test was made at Baiseleys and extended from June 16 to June 29. A full report on this test was made to you on the 8th instant. The results of the test fell within contract requirements.

The test for the third and last two weeks' period at Springfield was started on July 1 (the contractors agreeing to continue it through Sunday, July 6) and is now under way.

An alum storehouse has been built by the Department at the Baiseleys plant and another is being built at Springfield.

Ponds, Conduits and Reservoirs.

The 48-inch connection between the southerly 48-inch additional pipe line and the inlet chamber of the Millburn Reservoir has been completed by the City employees. Specifications have been prepared to have the connection with the northerly 48-inch additional pipe line made by contract. The dam on the Hempstead Pond has been raised and the water from this pond now flows directly into the conduit.

The grouting of the slope wall of the Millburn Reservoir, which was partially done last year, was resumed on June 2 and has been continued to date with a force of one Foreman, one Time-keeper, one Assistant Foreman, eighteen to twenty-six Laborers and two teams. There has been grouted this year to date 1,328 linear feet of the slope, leaving 1,745 linear feet to be done. There has been used to date 637 barrels of cement, the cement being of the Nazareth brand and delivered by Mr. John E. Sparrow, under his contract with the City.

Preliminary studies have been made in reference to filtering Simonson's Stream and the water which flows through Horse Brook into the Storage Reservoir, which indicate that owing to exceptionally favorable conditions of the ground between the storage reservoir and the Hempstead Pond, a plan of slow sand filtration may be devised, taking advantage of the sand formation there, by which a sufficient degree of purification may be secured at a relatively small outlay and leaving in that case the larger balance of the appropriation for use at Simonson's; and that on the latter stream the filter plant may, perhaps, be so located as to enable us to utilize the overflow which now goes into Conselyea's Pond, in which case we will increase the supply from that stream, while at the same time purifying the water therefrom. Owing, however, to the absolute lack of force available for this work, no further progress has been or can be made at present.

Patrolling and Cleaning of Streams.

Your attention was called in the last quarterly report and in other oral and written communications to the difficulty of securing efficient service pending the anomalous and unsettled relations between this Bureau and the Bureau of Conduits and Reservoirs and the Bureau of Repairs to Distribution and Complaints, and I have been advised by you that you have under careful consideration the proper reorganization of the bureaus. Further on I shall again refer to this subject and will here simply state that one of the important points on which this reorganization bears is the proper patrolling and cleaning of the streams. There should be no doubt as to who is to have charge of the direction of this work. Pending this reorganization I have thought that while one, and in some cases, perhaps, two men at each pond are necessary to attend to the screens, cleaning, etc., the employment of one or two additional men as cleaners on these streams was productive of little or no results and that the organization of one or more gangs of Laborers under competent Assistant Foremen to work on the cleaning of the streams feeding the various supply ponds would be much more effective. I so advised Superintendent Smith, the head of the Bureau of Conduits and Reservoirs, and acting on this suggestion this plan is under execution as far as the available force allows. As may readily be understood, the force required on this and similar work along the line is greater in summer than during the winter months, since during cold weather little work can be done to advantage. As there has been practically no addition made to the force since the advent of warm weather, much of this patrolling and cleaning work which it were desirable to have done already, has been neglected under the pressure of more urgent requirements. Should the work of the Bureau of Conduits and Reservoirs be made part of the Engineer's Bureau, I shall be ready to submit more specific recommendations.

The work of cleaning closets and cesspools on the watershed has been carried on as usual, and the following schedule gives the number cleaned, together with the aggregate cost:

Near Foster's Meadow Stream.....	442
Near Springfield Stream.....	468
Near Valley Stream.....	192
Near Schodack Brook.....	104
Near Pines Brook.....	117
Near Hempstead.....	2,327
Near Millburn Stream.....	52
Near East Meadow Stream.....	117
Near Wantagh Stream.....	195
Along Conduit line.....	689

The cost of this work during the quarter was \$903.

Protection from Pollution.

A revision of the maps of nuisances on our watershed, so as to bring it up to date, will soon be completed. We should then again solicit the co-operation of the Board of Health to protect our supply from pollution. Your attention has already been called to the deficiency of the regulations of the State Board of Health for the protection of the water supply and the necessity of their modification so as to enlarge the powers of the local boards and render their action more efficient against transgressors. The provisions of the new Charter are in this respect more favorable than those of the old Charter of the City of Brooklyn and will aid us, at least in that portion of the watershed within the City limits.

During the quarter the usual routine work of the Laboratory has been continued, the work being done as follows:

Water Analyses—	
Number of samples collected.....	1,955
Physical examinations.....	1,070
Chemical analyses, complete.....	142
Chemical analyses, partial.....	456
Microscopical examinations.....	315
Bacteriological examinations.....	1,820
Bacteriological examinations, coli tests.....	844
Miscellaneous (Test of Springfield and Baiseleys Filters)—	
Sand samples examined.....	13
Coal samples tested.....	5
Oil samples tested.....	1
Cement samples tested.....	1
Alum samples analyzed.....	2
Special tests and experiments.....	13

The average condition of the water during the quarter is shown by the following figures:

Locality.	Turbidity.	Color.	Albuminoid Ammonia.	Free Ammonia.	Chlorine.	Micro-Organisms.	Bacteria.
Ridgewood, average influx...	2	15	.058	.015	18.0	55	260
Basin No. 1, efflux.....	2	14	.072	.012	21.0	481	243
Basin No. 2, efflux.....	3	16	.119	.015	21.1	4,549	294
Basin No. 3, efflux.....	3	15	.068	.020	19.1	3,696	216
Mount Prospect reservoir...	3	14	.173	.013	26.1	4,357	231
Taps, average	3	14	.063	.005	20.0	1,189	214

Mount Prospect Laboratory.

The necessary alterations at the Mount Prospect Laboratory have been completed and the space available has been greatly increased and is now adequate for the present needs of the laboratory. Owing to the grounding of the electric light feeder between the gate house and the tower, the laboratory has been without electric current for about four weeks, and this has interfered with the analysis of the coal, as well as caused general inconvenience. A new feeder will be installed as soon as possible.

Additional 48-inch Pipe Conduit.

Fair progress has been made by Contractor William H. Masterson on this work during the last quarter, pipe now being laid to a point about one thousand feet west of Baisleys pumping station. The contractor has also laid about two thousand feet of pipe between the Shetucket and Oconee pumping stations and has three derricks at work laying pipe; one of these laying the pipe from Baisleys westward; the second from a point midway between Shetucket and Oconee is laying pipe eastward; and the third is working westward from the Shetucket station. The tests of the pipe have been completed with greater expedition than previously, and only one section remains to be tested of the work already laid. The test openings are being closed, and efforts are being made to complete the line down to the gate at the Oconee pumping station, where a 24-inch connection with a main conduit would enable a large amount of water to be forced into the old conduit at this point, where there is ample conduit capacity. The contractor should certainly be able to complete the laying of the pipe well within the contract time, as extended, although he may be, perhaps, somewhat behind in back filling up to the required grade.

Telephone Exchange.

The New York and New Jersey Telephone Company installed the private branch exchange about the middle of April, and at that time connected up the various offices in the Municipal Building. They have since that time connected a number of the out-lying stations, and the only station now remaining to be connected is the Commissioner's office, in the Hackett Building, Borough of Queens. This system has not worked as satisfactorily as we had reason to expect from the statements made by the Telephone Company when the matter was under discussion. The night service has been especially poor, and frequent complaint has been made that the pipe yards and pumping stations could not be reached after the operator had left the board of the Municipal Building. While part of the trouble has probably been due to the lack of a regular operator, unless better night service is obtained it may be necessary to return to the old system, as far as the pipe yards are concerned.

Office Room.

Since offices have been fitted on the third floor for the Chief Engineer, Stenographer and Clerks, it has been possible to get along without utilizing the tower connected with Room 41-C. This arrangement of offices, however, impedes efficient work, as the Assistant Engineers and Draughtsmen are on the fourth floor and the Chief Engineer's office on the third floor, and, hence, considerable time is wasted in going from one floor to the other in the oft-recurring calls for maps, plans, reports and other information. It is to be hoped that the plan to secure additional space on the third floor adjoining the Deputy Commissioner's office, and thus effect a more advantageous arrangement of the working force, may soon be carried out.

Damage Suits.

One lawsuit for the diversion of underground water was tried during the last quarter. This suit was brought by John F. Kinsey, whose farm is situated about half a mile southeast of the Springfield pumping station, and the case was tried before Judge Garretson. As the Court refused to allow the introduction of any testimony of damage to the crops, except as it applied to the question of determining reduction in the rental value of the farm, plaintiff's counsel decided to put in no testimony except that showing the cost of deepening a well on a farm. The cost of this work was estimated at twenty-five dollars (\$25) and the jury was instructed to find a verdict for that amount.

The surveys of farms, tests, plans and other data needed to prepare evidence in these damage suits, especially when required, as they generally are, within a short time, under the pressure of peremptory notices for trial, have sometimes formed a considerable and often burdensome addition to the labors of this Bureau, to which I have in previous reports called the attention of the Commissioner and to which, with more time at my disposal, I may again refer hereafter. While I am aware that many of the requisite data can only be obtained in this Bureau, and we are and should be ready and glad to furnish them, I am inclined to think that we might and could very properly be relieved of some of the other common work, such as surveys of farms, etc.

Records and Accounts.

In the last quarterly report this matter was discussed at some length. A redistribution of the clerical force in the Engineer's Bureau will shortly be made, under which the work will be more equally divided and more efficiently performed, and which also may make it possible to dispense with the services of one Clerk, should the work of the Bureau of Repairs to Distribution and Complaints be made part of that of the Engineer's Bureau. This plan has received the approval of the Deputy Commissioner for this borough. In my last quarterly report I stated that, believing that an intelligent and complete system of records and accounts, readily understood and accessible at all times, is the most effectual bar to extravagance or abuse, we had in past years minutely recorded the operations of the Department in our annual reports, so that our citizens could readily find therein how the money was expended in every case and what return the City received therefrom, and I expressed regret that these reports had not, during the last four years, been published as prepared by us, although, for our own guidance and to facilitate reference and comparison, we had continued to prepare and file here all the necessary data. For reasons detailed more at length in the last quarterly report, I believe that it is for the City's interest to continue this method. We are now somewhat behind in the tables recording the work of our pumping stations, owing to the lack of adequate clerical force at Ridgewood. I have, however, made due requisition on the Deputy Commissioner for this borough for the necessary additional clerks and trust that they will be soon secured, so that by the end of the year our compilation of data for the annual report may be complete.

Requisitions for Work and Supplies.

No change has been made in the method for obtaining the supplies since the last Quarterly Report was submitted, and, as in the latter I discussed this subject at some length, I will here limit myself to respectfully refer to the recommendations then made, which I fully believe will be for the best interests of the City.

Reorganization of Bureaus.

This matter was also referred to in the last Quarterly Report. Since then your attention has been called to the necessity, fully recognized both by you and by the Deputy Commissioner for this borough, of either making the work of the present Bureaus of Conduits and Reservoirs, and of Repairs to Distribution and Complaints part of that of the Engineer's Bureau, or of relieving the head of the latter of any share

and responsibility in the work of the other two Bureaus; and in that case, of clearly defining the sphere of action of the three Bureaus as at present constituted. This determination will present practical difficulties. The evidence hereinbefore given—under "Mount Prospect (Saving in Pumping)"—of the importance of an intelligent and careful study of distribution and of the valuable results to be expected therefrom, and the statements made in regard to the "Patrolling and Cleaning of Streams" may be of aid in arriving at a proper conclusion with regard to the work of these Bureaus, and to the foregoing statements may also be added the work now going on in connection with the Atlantic avenue improvement, of which this Bureau has been directed by you to take charge, although it properly belongs to that of Repairs to Distribution and Complaints. We are therein required, not only to prepare and pass upon important plans for the readjustment of our mains, but also to do the work so as to interfere as little as possible with the supply of the districts affected. It seems unnecessary, although it would be easy, to quote further instances in support of the views herein expressed on this subject.

Tax Bills.

I beg respectfully to refer to the recommendations made on this subject in my last Quarterly Report.

Surveys in Suffolk County.

With a view of testing the constitutionality of the so-called Burr Law, a small party was detailed, by your orders, to make the necessary surveys in order to determine the location of a test plant in Suffolk County. Ireland Pond, in the town of Amityville, which is the nearest pond to the county line between Nassau and Suffolk, included by the Board of Supervisors of the latter county among those necessary for the use of the inhabitants of that county, is the one from which we propose to take the water. It is expected that the Suffolk County authorities will take proceedings to prevent the diversion of these waters and that the constitutionality of the law will then be tested. On May 22, in answer to your request, I addressed to you a communication in regard to testing the constitutionality of the Burr Law. The surveying work so far includes about twelve miles of transit and level lines, but the Engineer in charge advises me that a few weeks more will elapse before completing this work, which will include the surveying of one or two possible sites for underground water stations between Massapequa and the county line.

Works for the Ultimate Development of Our Watershed.

Since the last Quarterly Report appropriations have been authorized for the following works:

Boilers at Millburn.....	\$22,000 00
Lands for conduit and stations.....	25,000 00
For filtering plants.....	200,000 00
For additional driven well stations.....	154,000 00
For test wells.....	5,000 00
For extension of distribution.....	175,000 00

Total appropriations for the Borough of Brooklyn..... \$581,000 00

Appropriations for mains in the Borough of Queens..... \$57,500 00

It is to be hoped that the balance of the appropriations requested by you for the completion of the works contemplated for the development of our watershed, improvement of the supply, and increased efficiency of the service, already repeatedly reported upon, may be speedily granted.

Contracts.

Since the last Quarterly Report I have prepared and forwarded to you complete forms of contracts, specifications and bids for the following works and supplies:

April—Additional pumping plant for the Millburn station. This contract has already been advertised and bids will be received on the 10th inst.

May—For furnishing a supply of pure and wholesome water for the First Ward of the Borough of Queens.

June—Two new boilers for the Millburn pumping station. This contract quickly followed the appropriation granted for the work.

Alternative form of contract for a supply of pure and wholesome water for the First Ward of the Borough of Queens, in compliance with specific directions from you.

A contract for packing required during the year is almost ready to be submitted to the Deputy Commissioner, at the latter's request.

Specifications are being prepared for the additional water mains required where extensions have been favorably reported, and also for an additional force main from the Mount Prospect Engine House to Mount Prospect Tower and Reservoir, long needed. The latter contract will include the mains necessary to remodel the Mount Prospect Tower and Reservoir service, which will greatly improve the high service distribution, and a connection between the Ridgewood Reservoir and the New Lots Reservoir.

Specifications and form of contract are also being prepared for mains in the Borough of Queens, as well as for repairs to a submerged pipe across Newtown creek.

On March 24 I prepared and forwarded to you complete form of contract, specifications and bids for boiler at Mount Prospect. I am advised that this contract was approved as to form by the Corporation Counsel and was sent by you to the printers, but, in spite of repeated inquiries, we have not received to date even the printers' proof.

Borough of Queens.

The present supply for the Borough of Queens is barely adequate to meet the demands, and the laying of additional mains which are required will necessitate an increase in the supply.

As has already been mentioned, contracts were prepared to allow public competition for a supply for the First Ward in the Borough of Queens. It is to be hoped that the necessary action will be taken to make a contract which will adequately supplement the present supply from the municipal plants, so that there may be no scarcity of water during the summer.

The force at the pumping stations has been such that it has been necessary to put laborers to do the work of the stokers when cases of illness occurred among the stokers.

Numerous repairs are needed at the various stations, but no provision has been made for them in the appropriations for "Pumping Stations, Fuel and Supplies."

The average amount pumped daily at each station and the amount supplied by the Citizens' Water Company, are as follows:

	Gallons.
First Ward, station No. 1.....	90,187
First Ward, station No. 2.....	1,177,996
First Ward, station No. 3.....	783,393
Third Ward, Flushing station.....	918,043
Third Ward, College Point station.....	1,039,988
Third Ward, Whitestone station No. 1.....	200,187
*Third Ward, Whitestone station No. 2.....	117,240
Citizens' Water Supply Company—	
Laurel Hill meter.....	299,324
Flushing avenue meter.....	799,138
Thompson avenue meter No. 60792.....	491,491
Thompson avenue meter No. 60793.....	542,935
Thompson avenue meter No. 119483.....	583,005

*Whitestone station No. 2 ran only thirteen (13) days in April.

Additional Supply and Additional Driven Well Stations.

When briefly discussing the various propositions submitted by several private companies for an additional supply for Brooklyn and considering the advisability of calling for bids for such a supply, your attention has been called to the various methods under which such bids could be solicited, and in my communication of June 21 I stated that the policy to be followed in regard to these contracts should be settled before the preliminary work required could be outlined and done and contracts and specifications properly prepared, and I submitted to your consideration the following points:

First—Would bids be solicited for supplying water for a certain number of years with or without the right to purchase the works at the expiration of a certain period?
 Second—Would the bids be for building works that would yield a certain supply?
 Third—Would the works required to obtain such a supply be wholly or partly built by the City?

Pending the decision of the policy which you may deem advisable to follow in regard to the additional supply, it may, perhaps, be of interest to further discuss the above points. I believe that few, if any, will question that a city should wholly own its sources of supply and that a departure from this course, even in part, can only be justified by exceptional circumstances and should not be allowed to continue any longer than absolutely necessary. The furnishing of water to its citizens is, above all others, an essentially municipal business. If, by a proper use of the small appropriation just granted and by securing the balance of the appropriations requested for this purpose, or possibly a somewhat larger amount, within a reasonable time, we can provide for the consumption of the City for, say, two or three years, until the question of a larger supply for the Greater City is further advanced, it would not seem for the interest of the City to solicit now the additional supply from private companies, and I am of the opinion that if the requested appropriation is not unreasonably delayed we can readily provide for the needs of Brooklyn within the period already prescribed. Two and possibly three new stations can be established west of the dividing line between Nassau and Suffolk counties, and I understand that we are not debarred from procuring any further supply that may be required in the latter county providing it be from underground sources.

As regards the form of contract, there would seem to be little or nothing to gain by insisting on a guaranteed supply. The conditions of the contract may be stringent and the bonds sufficient, but if the water be not there the contractor cannot furnish it, and the attempt to procure it by this method may result simply in litigation or in a compromise, while if the water is there the City should certainly be able to obtain it under proper management by building the works and without having to pay the contractor the premium due for the guarantee risk. If the above premises be granted the building of the works is the only point that remains to be considered. This may be done either entirely under contract or partly by contract and partly by administration. But before more specifically determining on the most advantageous course it is essential to ascertain whether or not the City can employ men to build works of this kind, buying the required material in accordance with the Charter regulations. Conflicting opinions have been rendered on this point and the matter should be placed beyond doubt.

The question of the temporary additional supply is thus brought within comparatively narrow limits.

Surface and Underground Supply.

The extent and importance of the underground supply on the south side of Long Island, and the exceptional purity of the water therefrom, are facts within the knowledge not only of engineers and geologists, but also of all those living in or at all familiar with that watershed. Wells sunk into the saturated sand and gravel constituted Brooklyn's earliest source of supply, and "prior to the introduction of Croton water in New York were also largely drawn upon for the use of the latter City." In fact, "about 1835 Mr. Hunt, of Baltimore, purchased hose and other appliances for the purpose of supplying New York City from the Brooklyn wells, the project being defeated, however, by legal process." (See page 1 of the "Introductory to the History and Description of the Water Supply of the City of Brooklyn," by the writer.)

The capabilities of the underground supply have in past years been often discussed by the Brooklyn Engineers, and various plans proposed to utilize it, as may be seen in the Annual Reports of the old Department of City Works and in the "History and Description of the Supply of the City of Brooklyn," already referred to. The delay in authorizing the extension of the water works system eastward led, in the summer of 1882, when the present Mayor of Greater New York, Hon. Seth Low, was Mayor of Brooklyn, to a call for bids for an additional supply, as the result of which a contract was made with Messrs. Andrews & Co. for the driven well stations at Springfield and Baiseleys, which were completed and put in operation in August, 1883. Since then, and in order to meet similar emergencies, other driven well stations have been built under contracts for additional supply urgently required, until there are at present in the Ridgewood system alone fourteen such stations, some of them with duplicate plants and with an approximately average daily capacity of over 45,000,000 gallons of water much safer and of far better quality than at present supplied to any other of our large cities. The disadvantages of our driven well stations have been discussed in our reports. Among them mention may now be made of the large cost of maintenance, due to the multiplication of pumping stations and to the frequent clogging of wells, and, hitherto, the alleged damage to crops, etc., from the lowering of the underground water level, which has formed the basis of numerous suits for extortionate claims against the City. This last objection, which has been the main reason until now influencing this Department against the further development of plans to utilize the underground supply, has lost much of its force owing to the recent legal decision limiting the measure of damage to the loss in fee and rental value referred to in my last Quarterly Report, so that, with the incentive of possible heavy recoveries from the City thus largely eliminated, the extension of the underground system can now be much more safely adopted, especially if plans be devised to reduce the cost of installation and maintenance, and deserves full consideration, particularly in regard to the supply to be obtained from Suffolk County, to which further reference will be made.

After giving some consideration to the preparation of plans to utilize the underground supply, which would meet the above requirements, I would respectfully recommend the adoption on some experimental stations of the following plan, the main features of which are outlined in the annexed blue print under the designation of Plan B, and which may be briefly described thus:

At a given depth, to be determined by experiment, say from three to five feet below mean high tide, a trench would be dug approximately at right lines to the direction seaward of the underground waters, and in this trench and surrounded on all sides by a layer, say, six inches thick of broken stone or coarse gravel, will be laid terra cotta or concrete pipes, with open joints, leading to a central well and extending, say, half a mile on each side of the latter. The water from the saturated bed would find its way into the pipe through the annular spaces of the open joints, which would be proportioned so as to leave ample margin in case of clogging, and as the estimated rate of flow from the surrounding sand into the gravel would be but a small fraction of the velocity required to move sand of the size of anise seed, no danger of sand being washed into the pipe through the gravel can reasonably be apprehended. From the central well the water would be pumped and delivered into the conduit, and on either side of the suction pipe there will be movable flash boards or stop planks fitted into rabbets in the masonry, which would make it possible to regulate exactly the depth to which the level of the underground stream could be lowered, since the water delivered from the terra cotta pipes would enter the well and flow over the flash boards as shown by the arrows in the diagram. These movable flash boards would, furthermore, be used as weirs to determine the quantity of flow. It is apparent that by this means the lowering of the underground level is under easy and absolute control. As the length of the pipes is only about 2½ feet, the lowering of the underground level along the length of the pipe would be practically uniform. Furthermore, as the depth of the delivery pipe would be from 10 to 12 feet below the average level of the underground water and from 13 to 15 feet below the average surface of the ground, it would, before entering the well, be subjected to sufficient filtration to practically destroy all bacterial life. It may be interesting to add in this connection that we have not yet, from lack of time, made experiments to determine the number of bacteria in the ground in our watershed as we proceed below the surface. There is a scarcity of data on this subject. Figures reported in the Edinburgh Medical Journal for 1899, in the case therein referred to, show a rapid decrease, the numbers of bacteria per gramme being given as follows:

At the surface.....	1,680,000
2 feet below.....	900,000
4 feet below.....	25,000
6 feet below.....	410

In our watershed there is practically no difference in the water from wells above the blue clay differing 20 feet or more in depth. The line of division, as far as our analyses show, lies, as might be expected, between the wells above and those below the

blue clay, and also between wells east and west of Millburn, owing, no doubt, to the difference in surface pollution. No masonry will be required in the plan under discussion other than that of the central well, the pipes being simply laid in the trench, as already explained, and no driven wells are used. The cost, then, both of installation and maintenance, is a minimum, as will be shown hereafter. It may be stated that this method is a modification of the old "gallery" plan proposed in the early period of our water works and recommended several years after, with some changes, by Chief Engineer Van Buren. For purposes of illustration and comparison, it has been assumed that the delivery pipes will extend half a mile on each side of the pumping station. These stations would be established, however, at intervals to be determined after further study, and so connected as to be operated from a central station, thus reducing largely the operating expenses under present methods. The saving in expense by the concentration of pumping stations, which, capitalized, would represent millions of dollars, led the writer years ago to advocate the consolidation of the stations on our line, as will be seen by referring to the Annual Reports of the Department, but owing to reasons which it is needless now to detail, the plan was never completed or carried out. The details for the consolidation of the stations on the plan now discussed are under consideration, and will be pushed as rapidly as the available time will allow. There seems to be at present no reason to doubt the success of this all-important feature of the proposed plan, which may furthermore be applied to existing stations on our line and particularly to those east of Millburn.

In the annexed blue print the sketch designated as Plan A represents a driven well station under the plans now in operation on our system, which, in order to facilitate comparison, is assumed to be of the same length assumed for Plan B, i. e., half a mile on each side of the pumps and with double wells staggered and at intervals of 85 feet, driven to the depth of from 40 to 50 feet. The number and size of the wells and proportion of the sections are calculated, assuming the capabilities of the station under Plan A to be the same as under Plan B.

In the same blue print the sketch marked C illustrates the method suggested by Mr. John R. Freeman in his report, which you desired me to consider. In this case, however, as it would not be fair to compare the cost of the brick conduit, which forms part of the plan suggested by Mr. Freeman, with the delivery and suction pipes of Plans A and B, I have substituted a collecting pipe of the same size and dimensions used for Plan B. As in the other cases, it is assumed that the capacity of this station will be the same as that represented under the two other plans. Mr. Freeman claims that by this method the lowering of the underground stream may be regulated that it will be more uniform than under the present driven well system, and that the water would be sufficiently filtered to practically remove bacterial life. These claims are conceded, but Plan B has also these advantages, while the regulation of the lowering of the flow line is simpler, the lowering more uniform, there are ready methods of measuring the supply, and, more important than all, the cost is considerably less. Thus, on estimates based on the same prices for the same materials and work, the cost of the stations represented in the attached blue print, exclusive of pumps and buildings, are in round numbers as follows:

Plan C (suggested by Mr. Freeman), say.....	\$48,500 00
Plan A (present driven well system), say.....	26,500 00
Plan B (as herein recommended), say.....	17,000 00

It is apparent, therefore, that the plan herein proposed would cost about one-third of the one suggested by Mr. Freeman, and about two-thirds of that of the driven well stations, and has the additional advantage of entirely dispensing with driven wells and the expenses due to clogging, washing or repairing the same.

Even under the plan herein recommended there probably would be sufficient lowering of the underground water level to cause some damage to adjoining property and give rise to suits at law. It would be advisable, therefore, when establishing any stations for utilizing the underground supply to obtain releases from adjoining owners for damage which might be caused by the diversion of the underground water, and as under the present rulings of the courts the amounts that can be recovered for this diversion, as already explained, are comparatively small, it might be possible to secure these releases for comparatively small amounts, which would but slightly increase the cost of the supply.

In my communication of June 21, already referred to, I called attention to the alternative before us in regard to an additional supply from Suffolk County, and stated that while the Burr Law, if sustained, prevented us from obtaining a surface supply, nothing, as I understood it, prevented us from utilizing the underground sources. Whatever the outcome of the attempt to test the Burr Law may be, it is plain, therefore, that an underground supply, sufficient for many years to come and of exceptional quality, may be obtained from Suffolk County and under the plan herein recommended without serious reasonable objection.

Office in General.

The lack of a Deputy Commissioner during the first half of the present quarter and resulting confusion, already referred to in previous communications, interfered with the work of the Engineering Bureau, as it was necessary to attend to many of the details of which the Deputy Commissioner has jurisdiction. The work of the Bureau has, furthermore, been delayed, if not somewhat crippled, by the inadequate force available since the first of the year, and lately still further reduced by the resignation of two of our Rodmen, who left us to secure positions in other Departments with larger pay.

Salaries of Engineering Force.

Considerable space was devoted in the last Quarterly Report in calling attention to the inadequate compensation received by the members of our engineering staff. The conditions have not improved, and the still further diminution of our force, already alluded to, and delay in our work, have been necessary results. As you are aware, we have been vainly striving for weeks to secure Rodmen, who, with one exception, have declined our offers, claiming they could get better pay elsewhere. If other departments of the City, or the same Department in other boroughs pay better compensation than allowed to members of our force, we cannot possibly hold our men. With a system of waterworks, than which there is no other more complex, comprising, as it does, eleven different sources of gravity supply and twenty-three pumping stations of every variety and design; most of which have been the outgrowth of past emergencies; with a supply which for years was barely equal to the consumption, and lack of appropriations to develop or extend our works, which has constantly compelled us to resort to temporary and often risky expedients; the duties of the Engineer's Bureau are most exacting and its task as severe as are grave the responsibilities that its members have to incur. The latter have successfully met these by faithful and unflinching devotion to their work, and on their behalf I appeal to you, respectfully bespeaking your favorable consideration of their just claim to a compensation more adequate to the value of their services and at least equal to that paid in other City departments for less work.

Respectfully submitted,

J. W. DE VARONE, Chief Engineer.

POLICE DEPARTMENT.

New York, September 3, 1902.

The following proceedings were this day directed by the Police Commissioner:
 Ordered, That the second subdivision of paragraph g of rule 1 be amended by adding after the words, "Third Court Squad," the words, "and the Children's Court Squad."

Retired on Certificate of Surgeons.

Sergeant Alexander Barr, Fifty-fourth Precinct, \$1,000.
 Roundsman Patrick McGuire, Seventeenth Precinct, \$750.
 Patrolman Henry McClare, Forty-fifth Precinct, \$700.
 Patrolman Henry Herrlich, Fifteenth Precinct, \$700.

Amusement License Granted.

Jacob Litt, Broadway Theatre, No. 1441 Broadway, to May 1, 1903, \$500.

Leave of Absence.

Patrolman Charles Bloch, Sixty-fifth Precinct, fourteen days' sick leave.
Patrolman William C. Merrill, Fourth Precinct, twenty days' sick leave.
On reading and filing report of Sergeant in command, John W. Parrett, Sixty-seventh Precinct, of the loss by Patrolman Victor Crowell of Patrolman's shield No. 4391.

Ordered, That the Chief Clerk issue new shield on proper affidavit.

Full Pay Granted.

Patrolman John Casey, Twenty-first Precinct, August 11 to 21.
Applications of Patrolmen James Quigley, Fifth Precinct, and Joseph Gomerlinger, Seventy-second Precinct, to be recognized as Detective-Sergeants, denied.

Special Patrolmen Appointed.

John W. Moore, for Long Island State Hospital.
Frank Bowman, for Anton Falkenmayer.
John Leonard, for Edgar N. Ireton.
Communication from George McLaughlin, Secretary of State Commission of Prisons, asking report as to amount of supplies required to be furnished to Police Department for coming year, referred to the Inspector of Repairs and Supplies.

Referred to Senior Inspector.

Application of John D. Crimmins for the appointment of Charles Sevecke as Special Patrolman.

Communication from F. J. Fleck, commending Patrolman John Brady, Twenty-sixth Precinct, for catching a thief.

Communication from William J. McNally and others, commending Patrolman Joseph F. Horan, Thirtieth Precinct, for stopping a runaway.

On File.

Report of Inspector P. H. McLaughlin of destruction of slot machines and gambling implements, as directed.

Report of Second Deputy Commissioner of leaves of absence under the rule.
Notice from Civil Service Commission of change of address of Joseph Devery, candidate for Doorman.

Report of Captain Stephen E. Brown, Twenty-fifth Precinct, of arrest of Patrolman James Sargent, charged with felonious assault.

Reports of Board of Surgeons that Sergeant John H. Rudd, Detective Bureau, Brooklyn, and Patrolman James Farley, Thirty-fifth Precinct, and Thomas Clarke, Criminal Court Squad, are able to perform police duty.

On File, Send Copy.

Report on communication from the Comptroller relative to claim of August Immig against the City for damage alleged to have been done to his property at No. 100 Cooper street, Brooklyn.

Transfers, etc., Ordered by the Police Commissioner.

In Effect September 3, a. m.

Sergeant George C. Liebers, from Thirty-fourth Precinct to Thirty-first Precinct.
Patrolman John Wholey, from Twenty-fourth Precinct to Thirty-eighth Precinct, for mounted duty.

Patrolman John Twohey, from Fourth Precinct to Twelfth Precinct, detailed in citizen's clothes.

Patrolman Patrick Shea, from Forty-sixth Precinct to Twelfth Precinct, detailed in citizen's clothes.

Patrolman Henry H. Shill, Twelfth Precinct, remanded from citizen's clothes.
Precinct Detective John Henderson, Twelfth Precinct, remanded to patrol from citizen's clothes.

Patrolman James V. Cahill, Eightieth Precinct, detailed at office of Receiver of Taxes, Borough of Richmond.

Dismissed the Force.

Patrolman John Loosen, Fifth Precinct, charge, neglect of duty.

Ordered, That the following bills be approved and referred to the Comptroller for payment:

Account Supplies for Police, 1902.

No. 1991.	L. W. Ahrens Stationery and Printing Company, stationery	\$1,118 75
No. 1992.	Joseph N. Early, stationery	1,576 84
No. 1993.	Moquin-Offerman-Heissenbittel Coal Company, coal	10 40
No. 1994.	T. B. Sidebotham, Jr., printing, etc.	393 95
No. 1995.	United States Trading Company, stationery	190 50
No. 1996.	Bernstein & Lasker, boarding horses	90 00
No. 1997.	Solon G. Bishop, boarding horses	113 23
No. 1998.	Michael J. Caffrey, boarding horses	60 00
No. 1999.	F. W. Daub, Agent, boarding horses	120 00
No. 2000.	F. W. Daub, Agent, boarding horses	120 00
No. 2001.	James Farmer, boarding horses	90 00
No. 2002.	P. Kennedy & Son, boarding horses	60 00
No. 2003.	S. Kayton, boarding horses	60 00
No. 2004.	Lederer & Co., boarding horses	60 00
No. 2005.	James Naughton's Sons, boarding horses	90 00
No. 2006.	A. Rosenthal, boarding horses	120 00
No. 2007.	Riverside Stable Company, boarding horses	60 00
No. 2008.	D. J. Rothschild, boarding horses	60 00
No. 2009.	N. F. P. Radiker, boarding horses	90 00
No. 2010.	Charles F. Stonebridge, boarding horses	60 00
No. 2011.	Mrs. Henry Skelton, boarding horses	60 00
No. 2012.	W. & J. Sloane, Inc., boarding horses	60 00
No. 2013.	Samuel Swarts, boarding horses	90 00
No. 2014.	George Tidcombe, boarding horses	60 00
No. 2015.	James A. Varian, boarding horses	286 00
No. 2016.	Thomas F. Woods, boarding horses	90 00
No. 2017.	H. Burke & Sons, horseshoeing	21 00
No. 2018.	Thomas Campbell, horseshoeing	26 88
No. 2019.	John Cargill, horseshoeing	23 00
No. 2020.	Jeremiah Casey, horseshoeing	15 00
No. 2021.	John F. Dunn, horseshoeing	24 50
No. 2022.	D. Deacon, horseshoeing	12 00
No. 2023.	Rody Dunn, horseshoeing	52 01
No. 2024.	Allen R. Davis, horseshoeing	15 00
No. 2025.	John M. Egan, horseshoeing	41 00
No. 2026.	Thomas Fox, horseshoeing	6 00
No. 2027.	Thomas Fox, horseshoeing	61 00
No. 2028.	Thomas Fox, horseshoeing	41 00
No. 2029.	Donald Gow, horseshoeing	8 00
No. 2030.	Michael J. Gowan, horseshoeing	27 50
No. 2031.	George Gore, horseshoeing	37 00
No. 2032.	Daniel Healy, horseshoeing	10 00
No. 2033.	Daniel Kennedy, horseshoeing	5 00
No. 2034.	P. J. May, horseshoeing	13 00
No. 2035.	Edward Moffitt, horseshoeing	6 00
No. 2036.	P. Malone, horseshoeing	62 50
No. 2037.	William R. Morgan, horseshoeing	38 15
No. 2038.	Patrick J. McCann, horseshoeing	14 00
No. 2039.	P. J. McDermott, horseshoeing	28 00
No. 2040.	Daniel Pollard, horseshoeing	37 50
No. 2041.	Patrick Sheehan, horseshoeing	11 25

No. 2042.	Matthew Waldron, horseshoeing	29 50
No. 2043.	Daniel Ward, horseshoeing	18 00
No. 2044.	Walter Lincoln Bell, D. V. S., veterinary services	4 00
No. 2045.	Dr. Elbert J. Decker, veterinary services	8 00
No. 2046.	L. V. Flageman, V. S., veterinary services	80 50
No. 2047.	L. V. Flageman, V. S., veterinary services	10 00
No. 2048.	Dr. E. Strauss, V. S., veterinary services	4 00
No. 2049.	Dr. E. Strauss, V. S., condemning horses	8 00
No. 2050.	Dr. Samuel N. Wright, V. S., veterinary services	9 00
No. 2051.	E. Kimball, carting pump	200 00
No. 2052.	Rapid Transit Filter Company, rent of filter	9 00
No. 2053.	South Shore Water Works Company, water	10 77
No. 2054.	American Ice Company, ice	41 60
No. 2055.	American Ice Company, ice	3 80
No. 2056.	John Palm, ice	33 23
No. 2057.	James Furey, meals to prisoners	3 00
No. 2058.	Mrs. Feldhausen, meals to prisoners	6 25
No. 2059.	Mrs. H. M. Stone, meals to prisoners	3 50
No. 2060.	Mrs. Kate Travers, meals to prisoners	53 40
No. 2061.	Mrs. Kate Travers, meals to lost children	20 70
No. 2062.	Julia E. Tillman, meals to witnesses	130 00
No. 2063.	Consumers New York Rubber Tire Company, rubber tire	14 35
No. 2064.	M. R. Brennan, Linemen's expenses	95 94
No. 2065.	M. R. Brennan, Linemen's expenses	99 43

\$6,721 93

By order of the Commissioner.

WM. H. KIPP, Chief Clerk.

DEPARTMENT OF PUBLIC CHARITIES.

REPORT FOR WEEK ENDING AUGUST 30, 1902.

ALMSHOUSE.

Appointments.

Aug. 26, 1902.	Daniel Bonner, Stoker (certified by Departmental Board, August 26)	\$360 00
Aug. 26, 1902.	Delia Lothien, Hospital Helper (certified by Departmental Board, August 26)	144 00
Aug. 26, 1902.	Mary Nugent, Hospital Helper (certified by Departmental Board, August 26)	144 00
Aug. 26, 1902.	Bridget Hogan, Hospital Helper (certified by Departmental Board, August 26)	144 00
Aug. 26, 1902.	Margaret Haines, Hospital Helper (certified by Departmental Board, August 26)	144 00
Aug. 15, 1902.	John Wilson, Hospital Helper (certified by Departmental Board, August 23)	120 00
Aug. 27, 1902.	Mary Nevins, Hospital Helper (certified by Departmental Board, August 27)	144 00

Dismissals.

Aug. 23, 1902.	Annie Lowrey, Hospital Helper (insubordination)	\$144 00
Aug. 24, 1902.	Mary McCarthy, No. 1, Hospital Helper (absence without leave)	144 00

Resignations.

Aug. 24, 1902.	Mary Buckley, Hospital Helper	\$144 00
Aug. 24, 1902.	Margaret Scott, Hospital Helper	144 00
Aug. 24, 1902.	Johanna Tobin, Hospital Helper	144 00
Aug. 15, 1902.	John Boyle, Hospital Helper	120 00

Transfer.

Aug. 1, 1902.	Patrick Dowling, Stoker (to Metropolitan Hospital)	\$360 00
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Canceled.

Aug. 15, 1902.	Mary Byrne, Nurse, five days without pay (reported to Civil Service August 9, 1902, to be canceled)	\$180 00
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KINGS COUNTY ALMSHOUSE.

Appointments.

Aug. 26, 1902.	Paul Welt, Hospital Helper (certified by Departmental Board, August 25)	\$144 00
Aug. 26, 1902.	William F. Abel, Hospital Helper (certified by Departmental Board, August 29)	300 00

CITY HOSPITAL.

Appointments.

Aug. 23, 1902.	John Powers, Hospital Helper (certified by Departmental Board, August 27)	\$150 00
Aug. 26, 1902.	Kate Bubrow, Hospital Helper (certified by Departmental Board, August 28)	144 00

Dismissals.

Aug. 21, 1902.	Peter Keenan, Hospital Helper (overstaying pass)	\$150 00
Aug. 25, 1902.	Mary Ryan, Hospital Helper (overstaying pass)	144 00

KINGS COUNTY HOSPITAL.

Appointment.

Aug. 22, 1902.	George Holland, Telephone Switchboard Operator (certified by Civil Service, August 12)	\$420 00
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Resignation.

Aug. 26, 1902.	George Fleming, Hospital Helper	\$192 00
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Dropped from Roll.

Aug. 25, 1902.	Minnie Johnson, Pupil Nurse (graduated)	\$120 00
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LODGING HOUSE.

Appointment.

Sept. 1, 1902.	Annie Walsh, Hospital Helper (certified by Departmental Board, August 29)	\$120 00
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METROPOLITAN HOSPITAL.

Appointments.

Aug. 18, 1902.	Edward Sheehan, Hospital Helper (certified by Departmental Board, August 23).....	\$150 00
Sept. 1, 1902.	Robert Murphy, Hospital Helper (certified by Departmental Board, August 30).....	150 00

Restored to Roll.

Sept. 1, 1902.	Patrick McKeever, Nurse (suspended August 20, 1902, pending investigation for "neglect of duty and absence without leave").....	\$300 00
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Dismissals.

Aug. 17, 1902.	James B. Gallagher, Hospital Helper (absent without leave).....	150 00
Aug. 17, 1902.	Patrick Keenan, Hospital Helper (absent without leave).....	150 00
Aug. 17, 1902.	Mary Kelly, Hospital Helper (absent without leave).....	150 00
Aug. 24, 1902.	Patrick Dunn, Hospital Helper (absent without leave).....	150 00

Transferred and Promoted.

Aug. 1, 1902.	Patrick Dowling, Stoker (from Almshouse, Blackwell's Island), \$360 grade to.....	\$540 00
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Resignation.

Aug. 31, 1902.	Agnes Dugan, Hospital Helper.....	\$150 00
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NEW YORK CITY TRAINING SCHOOL.

Dismissals.

Aug. 13, 1902.	Jennie Little, Hospital Helper (overstaying pass).....	\$144 00
Aug. 22, 1902.	Mary A. McEvoy, Cook (overstaying pass).....	240 00
Aug. 27, 1902.	Sadie Schonthal, Hospital Helper (not strong enough).....	144 00

OUTDOOR POOR.

Appointments.

Aug. 8, 1902.	Richard Hamilton, Hospital Helper (certified by Departmental Board, August 23).....	\$150 00
Aug. 14, 1902.	James Hennessey, Hospital Helper (certified by Departmental Board, August 25).....	150 00
Aug. 25, 1902.	Caroline C. Bodine, Hospital Helper (certified by Departmental Board, August 28).....	360 00

Promotion.

Sept. 1, 1902.	John Donovan, Hospital Helper, from \$120 grade to....	\$150 00
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RANDALL'S ISLAND ASYLUMS AND SCHOOLS.

Appointments.

Aug. 26, 1902.	Michael Roche, Hospital Helper (certified by Departmental Board, August 26).....	\$120 00
Aug. 25, 1902.	Edward Tully, Hospital Helper (certified by Departmental Board, August 26).....	120 00
Aug. 25, 1902.	Annie Buckley, Hospital Helper (certified by Departmental Board, August 26).....	120 00
Aug. 22, 1902.	Kate Feeney, Hospital Helper (certified by Departmental Board, August 15).....	240 00
Aug. 16, 1902.	Ann Doyle, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 16, 1902.	Maria Walsh, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 18, 1902.	Rose Dalton, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 22, 1902.	Fannie Stewart, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 22, 1902.	Victor Gaines, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 22, 1902.	Margaret Foley, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 23, 1902.	Alice O'Maley, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 23, 1902.	Margaret Herbeson, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 23, 1902.	Rose Fisher, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 25, 1902.	Michael Curry, Hospital Helper (certified by Departmental Board, August 25).....	120 00
Aug. 26, 1902.	Thomas Murphy, Hospital Helper (certified by Departmental Board, August 25).....	120 00
Aug. 25, 1902.	Edward Murphy, Hospital Helper (certified by Departmental Board, August 25).....	120 00
Aug. 17, 1902.	John Duddy, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 18, 1902.	Patrick Burns, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 20, 1902.	Elstena Wagner, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 21, 1902.	John Thompson, Hospital Helper (certified by Departmental Board, August 23).....	120 00
Aug. 22, 1902.	Mary Stewart, Hospital Helper (certified by Departmental Board, August 23).....	120 00

Dismissals.

Aug. 23, 1902.	Joseph Burke, Hospital Helper (intoxication).....	\$120 00
Aug. 15, 1902.	Michael Quinlan, Hospital Helper (absent without leave).....	120 00
Aug. 25, 1902.	Rose Fisher, Hospital Helper (absent without leave).....	120 00
Aug. 14, 1902.	Sarah McGrath, Hospital Helper (absent without leave).....	120 00
Aug. 15, 1902.	Kate Smith, Hospital Helper (absent without leave).....	120 00
Aug. 16, 1902.	Caroline Freiser, Hospital Helper (absent without leave).....	120 00
Aug. 16, 1902.	Kate McGuire, Hospital Helper (absent without leave).....	120 00
Aug. 18, 1902.	Alice Nelson, Hospital Helper (absent without leave).....	120 00
Aug. 18, 1902.	Mary Sheehan, Hospital Helper (absent without leave).....	120 00
Aug. 21, 1902.	James Whalen, Hospital Helper (absent without leave).....	120 00
Aug. 22, 1902.	Patrick Crowley, Hospital Helper (absent without leave).....	60 00
Aug. 16, 1902.	Robert Doherty, Hospital Helper (absent without leave).....	120 00
Aug. 24, 1902.	William Cruise, Hospital Helper (absent without leave).....	120 00
July 31, 1902.	James Kelly, Hospital Helper (absent without leave).....	120 00

Resignations.

Aug. 20, 1902.	Mary Morris, Hospital Helper.....	\$240 00
Aug. 24, 1902.	James Healy, Hospital Helper.....	120 00
Aug. 25, 1902.	John Coaklev, Hospital Helper.....	120 00
Aug. 31, 1902.	Annie Cullen, Laundress.....	240 00

STEAMBOATS.

Dismissals.

Aug. 1, 1902.	John Blume, Hospital Helper (absent without leave).....	\$240 00
Aug. 15, 1902.	Robert White, Hospital Helper (absent without leave).....	150 00

Resignation.

Aug. 11, 1902.	Harry W. Slingerland, Hospital Helper.....	\$240 00
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STOREHOUSE.

Aug. 15, 1902.	John Boyle, Hospital Helper (certified by Departmental Board, August 23).....	\$120 00
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J. McKEE BORDEN, Secretary.

Proposal of August 25, 1902, of William P. Youngs & Bros., Thirty-fifth street and First avenue, for—

37,500 superficial feet comb-grain, yellow pine flooring, dressed two sides, tongued and grooved to finish, 1 1/8 inches by 2 1/2 inches by 12 feet and over long, free from sap, knots, rot, shakes or splits, per 1,000 feet, B. M....	\$42 80
12 floor beams, 12 inches by 4 inches by 18 feet long, each..	1 87
120 pieces 3/4 inch spruce boards, 9 inches wide, matched, each.....	25
10 pieces fence post, chestnut, 4 inches by 4 inches by 7 feet, each.....	48
	\$2,464 74

Samuel E. Hunter for—

3,000 dozen corn, green, to be delivered, during August and September, 1902, per dozen ears.....	\$0 30
300 bunches celery, table, to be delivered during year 1902, per bunch.....	12 1/2
300 watermelons, to be delivered during August and September, 1902, each.....	30
100 heads cauliflower, to be delivered during September and October, 1902, per head.....	25
	\$1,052 50

Proposal of August 25, 1902, of Henry Meyer, for—

1,000 quarts beans, string, to be delivered during August and September, 1902, per quart.....	\$0 06
1,000 quarts beans, lima, to be delivered during August and September, 1902, per quart.....	10
300 dozen lettuce, to be delivered during August and September, 1902, per dozen heads.....	45
4,700 bunches radishes, to be delivered during August and September, 1902, per dozen bunches.....	18
315 quarts tomatoes, to be delivered during August and September, 1902, per quart.....	08
720 pecks spinach, to be delivered during October and November, 1902, per peck.....	25
100 bunches parsley, to be delivered during year 1902, per bunch.....	02
1,000 dozen bananas, to be delivered during year 1902, per dozen.....	17

Louis B. F. Hofmann—

3,000 yards muslin, unbleached, 5-4, Pequot, as per sample, per yard....	.0994
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The Manhattan Supply Company—

5,000 yards muslin, unbleached, 6-4, Pequot, as per sample, per yard....	.1194
200 yards white rubber sheeting, 6-4, as per sample, per yard.....	.46

R. C. Ogden—

72 rugs, as per sample, each.....	\$1 75
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August 26, 1902.

Messrs. J. H. GAUTIER & CO., Jersey City, N. J.:
Gentlemen—Your proposition to deliver and erect ready for firing, supplying the four retorts, furnace blocks, plain fire brick, settings, ground fire clay and ground fire brick, with mason and common labor to do the work, furnishing any iron work necessary for the repairs to one bench of fours, Fleming furnace, in the Gas Works at Randall's Island, for the sum of four hundred and thirty-eight dollars (\$438) is accepted, and you are hereby directed to proceed with the work.

By direction of the Commissioner.

Yours truly,

J. McKEE BORDEN, Secretary.

August 29, 1902.

Mr. JOHN J. O'CONNELL, No. 440 East Fourteenth Street, City:

Dear Sir—Your proposition to do the following work at house No. 418 East Fifty-first street, painting all the woodwork of floor over parlor and closets; painting the woodwork and wall two coats of paint; kalsomining ceiling, bathroom, also woodwork of porch in front house; kalsomining ceiling and walls of toilet room in basement, touching up kitchen wall in basement, for the sum of forty-six dollars (\$46) is accepted, and you are hereby directed to proceed with the work.

By direction of the Commissioner.

Yours truly,

J. McKEE BORDEN, Secretary.

MORGUE.

Borough of Brooklyn, New York, August 27, 1902.

Description of unknown man from foot of Conover street—Age, about thirty-five years; height, 5 feet 8 inches; weight, about 190 pounds; color, colored; eyes, dark; hair, dark; mustache, none; beard, none; good teeth; clothing: brown and black check sack coat, trousers same material, pink and white striped outing shirt, white cotton underwear, black cotton socks, purple dot; tan lace shoes marked W. O. Stone & Co., Cleveland, Ohio; white suspenders, pink figure; white linen turn-down collar, size 15 1/2; blue bow tie, red dot; condition of body, bad.

New York, September 2, 1902.

Description of unknown man from One Hundred and Twenty-ninth street, North river—Age, thirty years; height, 5 feet 9 inches; weight, 165 pounds; color, white; eyes, unknown; hair, brown; mustache, none; beard, none; clothing: black serge suit, blue, black and white striped outing shirt; white cotton underwear, black laced shoes, blue cotton socks, black and white check suspenders, piccadilly collar,

marked A. B., No. 76; shirt marked Manhattan in red silk; shoes marked Crawford, N. Y.; condition of body, bad.

New York, August 30, 1902.

Description of unknown man from No. 398 First avenue—Age, about forty-five years; height, 5 feet 5 inches; weight, 110 pounds; color, white; eyes, gray; hair, gray and black mixed; mustache, gray and black mixed; beard, none; clothing: brown and blue mixed sack coat, white and blue striped vest, one gray striped and one blue and white striped pants; black derby hat, red and gray striped outing shirt; white cotton undershirt, white and blue striped cotton suspenders, black cotton socks, black elastic gaiters, one blue and white dotted and one red and white handkerchief; condition of body, good.

New York, Aug. 25, 1902.

Description of unknown man from Pier 46, East river—Age, thirty-five years; height, 5 feet 6 inches; weight, 145 pounds; color, white; eyes, unknown; hair, none; mustache, none; beard, none; clothing: brown mixed sack coat and vest, black and blue striped pants, pink and white striped cotton outing shirt, white cotton underwear, black cotton socks, black elastic gaiters, No. 9; turn-down celluloid collar, pink and white cotton suspenders; condition of body, bad.

BOARD OF REVISION OF ASSESSMENTS.

A meeting of the Board of Revision of Assessments was held at the Comptroller's office on Thursday, August 21, 1902, at 11.35 o'clock a. m.

Present—N. Taylor Phillips, Deputy and Acting Comptroller; George L. Rives, Corporation Counsel; James L. Wells, President of the Department of Taxes and Assessments.

The reading of the minutes of the meetings of December 23 and 30, 1901, and of June 10, 12, 16, 19 and 24 and July 2, 16 and 21, 1902, was dispensed with.

BOROUGH OF THE BRONX.

The assessment list for regulating, grading, curbing, flagging, laying crosswalks and placing fences in Inwood avenue, from Cromwell avenue to Featherbed lane, with objections and petitions for awards for damages by change in grade, etc., referred back to the Board of Assessors at meeting of June 16, 1902, with instructions to make a reduction therein, were presented by the Deputy and Acting Comptroller, having been returned by the said Board under date of July 17, 1902, amended in accordance with the said instructions.

Mr. Adolph C. Hottenroth, attorney for G. H. Huber and others, appeared and objected to the assessment on the ground that no provision had been made therein for the damages to the property of his clients by reason of the change of the grade.

Messrs. Vreeland and Hall of the Board of Assessors explained the action of the said Board in the matter.

On motion, the assessment list was laid over until the next meeting of the Board, the President of the Department of Taxes and Assessments in the interim to visit the property claimed to have been damaged.

The assessment list for regulating, grading, curbing, flagging, laying crosswalks and paving with macadam pavement East One Hundred and Seventy-sixth street, from Jerome avenue to Tremont avenue, together with a list of awards for damages caused by a change of grade and objections of John W. Guider and others to the expenses of the work and to the inadequate and insufficient sums awarded to them for damages, filed by Adolph C. Hottenroth, attorney, were presented by the Deputy and Acting Comptroller, having been received from the Board of Assessors under date of August 20, 1902.

Mr. Hottenroth, attorney, appeared and stated that he would not press the objections filed by him.

On motion, the objections filed were overruled and the assessment list was confirmed, all the members voting in the affirmative.

On motion, the Board went into executive session.

The claim of Caroline C. Hettinger for damages to her real property by the changes of grades of East One Hundred and Sixty-first street and Third avenue, amounting to \$7,357.23, in which hearing was had at meeting of July 21, 1902, and decision in said matter reserved, was taken up for action.

On motion of the Corporation Counsel the following resolution was adopted, all the members voting in the affirmative, viz.:

Resolved, That, pursuant to the provisions of chapter 711 of the Laws of 1899, the Board of Revision of Assessments hereby decides in reference to the claim of Caroline C. Hettinger for damages to her real property, situated on the southwest and northwest corners of One Hundred and Sixty-first street and Third avenue, and known as Ward No. 39 (formerly No. 5), Block 2365 (formerly 1558), and Ward No. 42, Block 2366, in consequence of the changes in the grades of East One Hundred and Sixty-first street and Third avenue, that no damage or injury has in fact been sustained, and that the Comptroller is requested to prepare a certificate setting forth the foregoing decision, to be signed by the members of this Board, as required by the said act.

Thereafter the following certificate was issued, to wit:

Board of Revision of Assessments.

To the Comptroller of The City of New York:

Pursuant to the provisions of chapter 711 of the Laws of 1899, the Board of Revision of Assessments in The City of New York hereby certifies in reference to the claim of Caroline C. Hettinger for injury to her real property, situated on the southwest and northwest corners of One Hundred and Sixty-first street and Third avenue, and known as Ward No. 39 (formerly No. 5), Block 2365 (formerly 1558), and Ward No. 42, Block 2366, that the said property has sustained no injury, either in fee or rental value, in consequence of the changes in the grades of East One Hundred and Sixty-first street and Third avenue, and that no sum should be awarded to her.

N. TAYLOR PHILLIPS,
Deputy and Acting Comptroller;

GEORGE L. RIVES,
Corporation Counsel;

JAMES L. WELLS,
President of the Department of Taxes and Assessments;
Board of Revision of Assessments.

Dated New York, August 22, 1902.

The claim of Olin J. Stephens for damages to his property in consequence of the change of grade of Edgewater road, amounting to \$55,344.47, in which hearing was had at meeting of July 21, 1902, and decision in said matter reserved, was taken up.

After consideration, on motion, action thereon was deferred until the next meeting of the Board.

At 12.15 o'clock p. m., on motion, the Board adjourned to meet on Tuesday, August 26, 1902, at 11 o'clock a. m.

HENRY J. STORRS,
Chief Clerk, Board of Revision of Assessments.

BOARD OF EXAMINERS.

August 26, 1902.

Present—Messrs. Francis C. Moore, Warren A. Conover, William C. Smith, Cornelius O'Reilly and William J. Fryer, Acting Chairman.

Meeting called to order at 2 p. m.

Minutes of meeting of the 19th instant read and, on motion, approved.

Appeal No. 233 of 1902. On presentation of report and on motion, appeal was denied, with the following recommendation: Fire shutters are required on all window openings on the north side or rear wall, and also on the west side wall, excepting at the windows at the three top stories of the building. This recommendation includes shutters at the windows on the north wall, below the roof, as well as above the roof of the adjoining buildings.

Appeal No. 234 of 1902. On presentation of report and on motion, appeal was denied, with the following recommendation: Fire shutters are required at all window openings on the north and south side walls, and also on the rear wall, except at the two top stories of the building.

Appeal No. 240 of 1902 (laid over at last meeting, at request of Superintendent of Buildings).

Mr. Bernstein appeared before the Board.

On motion, approved.

Appeal No. 242 of 1902, New Building No. 305 of 1902, Bronx, east side Southern Boulevard, about 100 feet from southeast corner of One Hundred and Seventy-fifth street, A. V. Porter, Esq., architect and appellant.

It is desired to omit the fireproofing of the columns, as is customary in buildings of this description.

Mr. A. V. Porter appeared before the Board.

On motion, approved.

Appeal No. 243 of 1902, Alteration No. 861 of 1902, Nos. 47 and 49 White street, Manhattan, J. Odell Whitenack, Esq., architect and appellant.

Permission to construct elevator shaft of a steel angle and channel framework and fill in same with burnt terra cotta blocks laid in cement mortar instead of building same of brick, for the reasons stated below:

1st.—Insufficient room in store, basement and cellar for brick shaft, by reason of stairs being so near to front wall, it being necessary to build one new even with a terra cotta inclosure.

2d.—By reason of an iron skeleton construction now in place and supporting floor beams of building (brick party wall acting as a curtain wall only), foundation of which extends three feet inside of party wall in cellar, and foundation of iron columns of front wall, there is not enough space left for a foundation of proper size to support weight of a brick inclosure.

3d.—There is now at west end of building a freight elevator inclosed only by wood and glass; proposed inclosure does not in any way lower the standard of this building. Proposed inclosure will be 4 inches thick and plastered both sides. Mr. J. Odell Whitenack appeared before the Board.

On motion approved on condition that the freight elevator at the west end of the building, at present inclosed with wooden lath, be lined throughout with metal; that the glass be removed and automatic trap doors be put in on all floors, and the shaft covered with tin on the inside.

Appeal No. 244 of 1902, New Building No. 1689 of 1901, No. 133 East Nineteenth street, Messrs. Gilbert Robinson & Son, architect and appellants.

It is desired to build a pent house on rear of roof, same to be built with 8-inch walls and piers 12 inches, which support iron girders, as shown by plans.

Mr. F. S. Robinson appeared before the Board.

On motion, approved on condition that

1. All walls surrounding pent house to be carried up to their proper height;
2. Floor to be made of cement;
3. Wire glass to be used wherever glass is necessary.
4. Proper skylights to be provided;
5. All woodwork for the window frames, sash doors, trim and base of the pent house to be thoroughly fireproof;
6. The highest point of the roof must not exceed 150 feet from the curb level;
7. All woodwork entering into the construction of the pent house to be fireproofed by the process which is fully accepted and approved by the Bureau of Buildings;
8. The entire pent house to be constructed entirely fireproof.
9. And that a standpipe with outlet for hose connection in the hall of the pent house be provided;
10. Pent house must not cover more than fifty per cent. of the roof area.

Appeal No. 245 of 1902, New Building No. 430 of 1902, Nos. 254, 256, 258 West Forty-second street, George Keister, Esq., architect and appellant.

It is respectfully requested that this be classed as a twelve-story building, as the so-called thirteenth story covers only about one-half of the roof space, and the height of the above building is only 150 feet from curb level to the top of the roof beams of the so-called thirteenth story (or half story), and that the law in regard to the fireproofing, as in section 105 of Building Code, be waived.

Mr. F. S. Nute appeared before the Board.

On motion, laid over.

Appeal No. 246 of 1902, New Building No. 495 of 1902, No. 19 West Thirty-second street, Harry B. Mulliken, Esq., architect and appellant.

It is desired to place a pent house on the roof of the building in question, covering about 40 per cent. of the area of the roof, without having this pent house considered as a complete extra story.

The construction of this pent house to be as follows:

- All walls surrounding the pent house will be carried up to their proper height.
- Filler will be made of cement.
- Wire glass will be used wherever glass is necessary.
- All woodwork for the window frames, sash, doors, trim and base of the pent house will be thoroughly fireproof.
- The highest point of the roof will not exceed 150 feet from the curb level.
- All woodwork entering into the construction of the pent house will be fireproofed by the process which is fully accepted and approved by the Bureau of Buildings.

The entire pent house will be constructed absolutely fireproof.

Mr. H. B. Mulliken appeared before the Board.

On motion, approved on condition that the total height of the building to the roof of the pent house does not exceed 150 feet and that a standpipe be provided with outlet for hose connection in the hall of the pent house.

Appeal No. 247 of 1902, Alteration No. 3094 of 1902, Brooklyn, west side of Third avenue, northwest corner of Nineteenth street, Messrs. Pohlmann & Partrick, architects and appellants.

It is desired to build a one-story frame extension at rear of present three-story building, as per plans filed. The present building is in the fire limits, which requires the proposed extension to be built of brick, but owing to the nature of ground, which is rather poor, the piling for foundation, if it is to be built of brick, would injure walls of surrounding buildings, which are all frame.

Mr. Pohlmann appeared before the Board.

On motion, laid over for further information.

Appeal No. 248 of 1902, Alteration No. 3133 of 1902, Brooklyn, No. 166 Harrison avenue (Williamsburgh), Messrs. Louis Berger & Co., architects and appellants.

Appeal is taken from the decision of the Superintendent of Buildings for the reason that the rooms are small, and it is desired to enlarge same; desire to improve plumbing and make the property pay for the owner who is poor.

Mr. H. G. Little appeared before the Board.

On motion, laid over for further information.

Appeal No. 249 of 1902, New Building No. 151 of 1902, Nos. 116 and 118 West Forty-fifth street, George Fred Pelham, Esq., architect and appellant.

It is proposed to erect a deck house on the rear portion of the roof inclosed with 12-inch brick walls supported on main walls of building, as shown on accompanying drawings herewith filed, in place of supporting same on roof beams as approved. The height of the building from deck house to curb will be 110 feet and the area of the roof covered will be less than 50 per cent.

No action taken, the Superintendent of Buildings stating "there is no adverse decision in regard to this application from which an appeal can be taken."

Appeal No. 250 of 1902, Alteration No. 1250 of 1902, Manhattan, No. 39 Rutgers street, American Female Guardian Society, appellant; William B. Tuthill, Esq., architect.

The building is a well-constructed old house three stories high, to be used as an industrial school, and has been equipped with regular school fire escapes, as required by the Bureau of Buildings. (See diagrams and plans.)

On motion, denied.

Appeal No. 251 of 1902, New Building No. 516 of 1902, Manhattan, corner Avenue D and Fourth street. M. Bernstein, Esq., architect and appellant.

Where the span exceeds 26 feet between walls it is proposed to put up steel I. B. girders and have fireproof partitions directly underneath said girders.

Ends of beams resting on steel girders to be tinned.

Each and every apartment will be shut off from the other by brick-filled partitions of burnt clay and partitions to rest directly above one another, and brick filling to extend down between floor beams.

Mr. Bernstein appeared before the Board.

On motion, approved.

Adjourned.

JAMES GAFFNEY, Clerk.

BOARD OF ARMORY COMMISSIONERS.

New York, September 2, 1902.

A meeting of the Armory Board was held this day at 11 o'clock a. m., at the office of the Mayor.

Present—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

The reading of the minutes of the meeting held August 29, 1902, was dispensed with by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

The Secretary presented a tabulation of the bids received at the meeting held August 29, 1902, for repairs and alterations to the various armories in the boroughs of Manhattan and Brooklyn, as advertised, and the President of the Department of Taxes and Assessments offered the following:

Resolved, That the bid of William Werner, No. 894 Forest avenue, Borough of The Bronx, for materials and labor required in the alterations and repairs to the Ninth Regiment Armory, No. 125 West Fourteenth street, amounting to two thousand four hundred and seventy-six dollars (\$2,476), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of Solomon Bassel, No. 2325 Second avenue, Borough of Manhattan, for materials and labor required in the alterations and repairs to the Twelfth Regiment Armory, Sixty-second street and Columbus avenue, Borough of Manhattan, amounting to six hundred and fifty dollars (\$650), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of William Craig, No. 42 West Sixty-seventh street, Borough of Manhattan, for materials and labor required in the alterations and repairs to the Twenty-second Regiment Armory, Sixty-seventh street and Broadway, in the Borough of Manhattan, amounting to one thousand four hundred and eighty dollars (\$1,480), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of William Craig, No. 42 West Sixty-seventh street, Borough of Manhattan, for materials and labor required in the alteration and repairs to the Sixty-ninth Regiment Armory, Seventh street and Third avenue, in the Borough of Manhattan, amounting to seven hundred and sixty-eight dollars (\$768), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of William Werner, No. 894 Forest avenue, Borough of The Bronx, for materials and labor required in the erection and completion of the repairs and alterations to the temporary armory of the Seventy-first Regiment, N. G., N. Y., Lenox Lyceum, Fifty-ninth street and Madison avenue, amounting to two thousand one hundred and eighty-four dollars (\$2,184), be accepted as being the lowest bid for said work, that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of John W. Lenox, No. 419 Ridgewood avenue, Borough of Brooklyn, for materials and labor required in the alterations and repairs to the Squadron "A" Armory, at Ninety-fourth street and Madison avenue, Borough of Manhattan, amounting to four hundred and eighty-seven dollars (\$487), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of Charles Hart, No. 118 Prospect Park West, Borough of Brooklyn, for materials and labor required in the erection and completion of the repairs and alterations to the armory of the First Battalion, Naval Militia, U. S. S. "New Hampshire," foot of East Twenty-sixth street, Borough of Manhattan, amounting to two thousand two hundred dollars (\$2,200), be accepted as being the lowest bid for said work, and that the same be submitted to the Commissioners of the Sinking Fund for their concurrence, and to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of Charles Hart, No. 118 Prospect Park West, Borough of Brooklyn, for material and labor required in the erection and completion of the repairs and alterations to the Thirteenth Regiment Armory, Sumner and Jefferson avenues, in the Borough of Brooklyn, amounting to the sum of three thousand six hundred dollars (\$3,600), be accepted as being the lowest bid for said work, and

that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of Ambrose E. Barnes & Brother, No. 198 Canal street, Borough of Manhattan, for materials and labor required in the alterations and repairs to the Forty-seventh Regiment Armory, Marcy avenue and Hayward street, Borough of Brooklyn, amounting to five hundred and seventy-four dollars (\$574), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Resolved, That the bid of Charles Hart, No. 118 Prospect Park West, Borough of Brooklyn, for materials and labor required in the erection and completion of the repairs and alterations to the Troop C Armory, North Portland avenue and Auburn place, Borough of Brooklyn, amounting to seven hundred and ninety-five dollars (\$795), be accepted as being the lowest bid for said work, and that the same be submitted to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

The Secretary presented an application for payment of \$700 to Michael J. O'Brien, Plumbing Contractor, on account of his contract for materials and work required for the installation of the plumbing and gasfitting in the Armory Building for the First Battery, N. G., N. Y., on the southerly side of Sixty-sixth street, 150 feet east of Columbus avenue, Borough of Manhattan; and the President of the Department of Taxes and Assessments offered the following:

Resolved, That the Comptroller be authorized to pay to Michael J. O'Brien, contractor, the sum of seven hundred dollars (\$700), as per accompanying voucher, on account for his contract for materials and work required in the installation of the plumbing and gasfitting in the Armory Building for the First Battery, N. G., N. Y., on the southerly side of Sixty-sixth street, 150 feet east of Columbus avenue, in the Borough of Manhattan.

Which was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

Captain Debevoise, commanding Troop C, N. G., N. Y., presented a diagram of an armory site, being one of several which were originally considered by the Armory Board for the proposed armory for his organization, and he stated that notwithstanding the fact that this location was not favorably considered by the Armory Board at that time, it is a site entirely acceptable to the Troop.

Ordered on file.

A motion to adjourn was adopted by the following vote:

Ayes—The Acting Mayor, the President of the Department of Taxes and Assessments, the Acting President of the Board of Aldermen, Brigadier-General James McLeer and Brigadier-General George Moore Smith.

JOHN P. GUSTAVESON, Secretary.

BOROUGH OF MANHATTAN.

BUREAU OF BUILDINGS.

The City of New York, August 25, 1902.

Operations for the Week Ending August 23, 1902.

Plans filed for new buildings, estimated cost.....	\$958,000
Plans filed for alterations, estimated cost.....	114,860
Buildings reported as unsafe.....	47
Buildings reported for additional means of escape.....	8
Other violations of law reported.....	131
Unsafe building notices issued.....	124
Fire escape notices issued.....	10
Violation notices issued.....	230
Unsafe building cases forwarded for prosecution.....	3
Fire escape cases forwarded for prosecution.....	0
Violation cases forwarded for prosecution.....	7
Iron and steel inspections made.....	4,798
Complaints lodged with the Bureau.....	7

PEREZ M. STEWART,

Superintendent of Buildings, Borough of Manhattan.

WILLIAM H. CLASS, Chief Clerk.

CHANGES IN DEPARTMENTS.

OFFICE OF THE MAYOR.

September 12.

The Change of Grade Damage Commissioners William D. Leonard, James R. Burnet and John S. Wise, Jr., have tendered their resignations to the Mayor, which have been accepted, taking effect September 15, 1902.

TENEMENT HOUSE DEPARTMENT

September 12.

Additions to the working force of the Tenement House Department: John C. Ward, No. 112 East 118th street, Clerk; at a salary of \$1,050 per annum; appointment to take effect September 15, 1902; Elizabeth M. Robert, No. 188 Twentieth street, Brooklyn, Typewriting Copyist, at a salary of \$750 per annum; appointed September 8, 1902.

OFFICIAL DIRECTORY.

CITY OFFICERS.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly

open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 5 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 1020 Cortlandt.
SETH LOW, Mayor.
JAMES B. REYNOLDS, Secretary.
WILLIAM J. MORAN, Assistant Secretary.
JOHN GRUENBERG, Chief Clerk.

Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 706 Cortlandt.
GEORGE WHITFIELD BROWN, Jr., Chief of Bureau.
Principal Office, Room 1, City Hall.
HENRY OSWALD CAREY, Deputy Chief, Boroughs of Manhattan and The Bronx.
Branch Office, Room 12, Borough Hall, Brooklyn; JOSEPH MCGUINNESS, Deputy Chief, Borough of Brooklyn.
Branch Office, "Richmond Building," New Brighton, S. I.; WILLIAM R. WOELFLE, Financial Clerk, Borough of Richmond.
Branch Office, "Hackett Building," Long Island City; CHARLES H. SMITH, Financial Clerk, Borough of Queens.

THE CITY RECORD OFFICE,

and Bureau of Printing, Stationery and Blank Books.

No. 2 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 467 Cortlandt.
PHILIP COWAN, Supervisor; HENRY McMIN.

LEN, Deputy Supervisor; THOMAS C. COWELL, Deputy and Accountant.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11-12, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.
Telephone 5365 Cortlandt.
P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.
NICHOLAS J. HAYES, First Deputy City Clerk.
MICHAEL F. BLAKE, Chief Clerk of the Board of Aldermen.
JOSEPH V. SCULLY, Deputy City Clerk, Borough of Brooklyn.
THOMAS J. McCABE, Deputy City Clerk, Borough of The Bronx.
WILLIAM R. ZIMMERMAN, Deputy City Clerk, Borough of Queens.
MICHAEL J. COLLINS, Deputy City Clerk, Borough of Richmond.

BOARD OF ALDERMEN.

No. 11, City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 39 Cortlandt.
CHARLES V. FORTES, President.
P. J. SCULLY, City Clerk.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 noon.
EDWARD M. GROUT, Comptroller.
N. TAYLOR PHILLIPS and JAMES W. STEVENSON, Deputy Comptrollers.
HUBERT L. SMITH, Assistant Deputy Comptroller.
OLIVER E. STANTON, Secretary to Comptroller.

Main Division.

H. J. STORRS, Chief Clerk, Room 11.
Bookkeeping and Awards Division.
JOSEPH HAAG, Chief Bookkeeper, Room 2.
Stock and Bond Division.
JAMES J. SULLIVAN, Chief Stock and Bond Clerk, Room 39.

Bureau of Audit—Main Division.

WILLIAM MCKINNY, Chief Auditor of Accounts, Room 27.

Adjustment Division.

WILLIAM J. LYON, Auditor of Accounts, Room 183.

Investigating Division.

CHARLES S. HERVEY, Expert Accountant, Room 173.

Charitable Institutions Division.

DANIEL C. POTTER, Chief Examiner of Accounts of Institutions, Room 40.

Bureau of the City Paymaster.

No. 83 Chambers street and No. 65 Reade street.
JOHN H. TIMMERMAN, City Paymaster.

Bureau of Engineering.

Stewart Building, Chambers street and Broadway.
EUGENE E. McLEAN, Chief Engineer, Room 55.

Bureau for the Collection of Taxes.

Borough of Manhattan—Stewart Building, Room 0.

DAVID E. AUSTEN, Receiver of Taxes.

JOHN J. McDONOUGH, Deputy Receiver of Taxes.

Borough of The Bronx—Municipal Building, Third and Tremont avenues.

JOHN B. UNDERHILL, Deputy Receiver of Taxes.

Borough of Brooklyn—Municipal Building, Rooms 2-8.

JACOB S. VAN WYCK, Deputy Receiver of Taxes.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

FREDERICK W. BLECKWENN, Deputy Receiver of Taxes.

Borough of Richmond—Richmond Building, New Brighton.

JOHN DEMORGAN, Deputy Receiver of Taxes.

Bureau for the Collection of Assessments and Arrears.

Borough of Manhattan—Stewart Building, Room 81.

WILLIAM E. McFADDEN, Collector of Assessments and Arrears.

EDWARD A. SLATTERY, Deputy Collector of Assessments and Arrears.

Borough of The Bronx—Municipal Building, Rooms 1-3.

JAMES J. DONOVAN, Jr., Deputy Collector of Assessments and Arrears.

Borough of Brooklyn—Municipal Building.

HENRY NEWMAN, Deputy Collector of Assessments and Arrears.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

PATRICK E. LEAHY, Deputy Collector of Assessments and Arrears.

Borough of Richmond—No. 372 Richmond terrace, New Brighton.

GEORGE BRAND, Deputy Collector of Assessments and Arrears.

Bureau for the Collection of City Revenue and of Markets.

Stewart Building, Chambers street and Broadway, Room 139.

WILLIAM T. GOUNDIE, Collector of City Revenue and Superintendent of Markets.

JAMES H. BALDWIN, Deputy Collector of City Revenue.

DAVID O'BRIEN, Deputy Superintendent of Markets.

Bureau of Municipal Accounts and Statistics.

Stewart Building, Chambers street and Broadway.

JOHN R. SPARROW, Supervising Accountant and Statistician, Room 173.

Bureau of the City Chamberlain.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67; and Kings County Courthouse, Room 14, Borough of Brooklyn.

ELGIN R. L. GOULD, City Chamberlain.

JOHN H. CAMPBELL, Deputy Chamberlain.

LAW DEPARTMENT.

Office of Corporation Counsel.

Staats-Zeitung Building, 2d, 3d and 4th floors, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone 5366 Cortlandt.

GEORGE L. RIVES, Corporation Counsel.

FRANK N. APPELGATE, Secretary.

THEODORE CONNOLLY, CHARLES D. OLENDORF, GEORGE L. STERLING, EDWARD J. MCGUIRE, JAMES M. WARD, GEORGE S. COLEMAN, CHARLES N. HARRIS, JOHN C. CLARK, CHARLES S. WHITMAN, CHASE MELLER, JOHN CASSAN WATT, EDWIN J. FREEDMAN, JOHN W. HUTCHINSON, JR., OLIVER C. SEMPLER, TERENCE FARLEY, JAMES T. MALONE, CHARLES A. O'NEIL, GEORGE LAMBON, ARTHUR SWERNY, HAROLD S. RANKINE, DAVID RUMSEY, WILLIAM BERRY CROWELL, JOHN L. O'BRIEN, ANDREW T. CAMPBELL, Jr., Assistants.

JAMES MCKEEN, Assistant, in charge of Brooklyn branch office.

GEORGE E. BLACKWELL, Assistant, in charge of Queens branch office.

DOUGLAS MATHEWSON, Assistant, in charge of Bronx branch office.

ALBERT E. HADLOCK, Assistant, in charge of Richmond branch office.

ANDREW T. CAMPBELL, Chief Clerk.

Tenement House Bureau and Building Bureau.

No. 61 Irving place. Office hours, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to noon.

MATTHEW C. FLEMING, Assistant, in charge.

Bureau for Collection Arrears of Personal Taxes.

No. 280 Broadway (Stewart Building). Office hours for the public, 10 A. M. to 2 P. M.; Saturdays, 10 A. M. to 12 M.

MARTIN SAKS, Assistant, in charge.

Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

ARTHUR F. COSBY, Assistant, in charge.

Bureau of Street Openings.

Nos. 90 and 92 West Broadway, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

JOHN P. DUNN, Assistant, in charge.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M. Telephone 4315 Franklin.

WILLIAM HEPBURN RUSSELL and EDWARD OWEN, Commissioners.

COMMISSIONERS OF SINKING FUND.

SETH LOW, Mayor, Chairman; EDWARD M. GROUT, Comptroller; ELGIN R. L. GOULD, Chamberlain; CHARLES V. FORTES, President of the Board of Aldermen; and HERBERT PARSONS, Chairman Finance Committee, Board of Aldermen, Members. N. TAYLOR PHILLIPS, Deputy Comptroller, Secretary.

Office of Secretary, Room No. 12, Stewart Building.

BOARD OF ESTIMATE AND APPORTIONMENT.

Telephone, Finance Department, 2115.

Telephone, Public Improvements, 4594 Cortlandt.

The Mayor, Chairman; The Comptroller, President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

JAMES W. STEVENSON, Deputy Comptroller, Secretary, Finance Department, No. 280 Broadway.

JOHN H. MOONEY, Assistant Secretary, Public Improvements, City Hall.

CHARLES V. ADEE, Clerk to the Board, Finance Department, No. 280 Broadway.

AQUEDUCT COMMISSIONERS.

Room 207, Stewart Building, 5th floor, 9 A. M. to 4 P. M. Telephone 1942 Franklin.

The Mayor, the Comptroller, ex officio; Commissioners, WILLIAM H. TEN EYCK (President), JOHN J. RYAN, MAURICE J. POWER and JOHN P. WINDOLPH; HARRY W. WALKER, Secretary; WILLIAM R. HILL, Chief Engineer.

BOARD OF ARMORY COMMISSIONERS.

The Mayor, SETH LOW, Chairman; The President of the Department of Taxes and Assessments, JAMES L. WELLS, Vice-Chairman; The President of the Board of Aldermen, CHARLES V. FORTES; Brigadier-General JAMES McLEEN and Brigadier-General GEORGE MOORE SMITH, Commissioners.

JOHN P. GUSTAVSON, Secretary, Stewart Building, No. 280 Broadway.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M. Telephone 3100 Spring.

JOHN N. PARTRIDGE, Commissioner.

NATHANIEL B. THURSTON, First Deputy Commissioner.

FREDERICK H. E. ERSTEIN, Second Deputy Commissioner.

J. J. CORKHILL, Secretary to the Police Commissioner.

BOARD OF ELECTIONS.

Commissioners—JOHN R. VOORHIS (President), CHARLES B. PAGE (Secretary), JOHN MAGUIRE, MICHAEL J. DADY.

Headquarters, General Office, No. 301 Mott street.

A. C. ALLEN, Chief Clerk of the Board.

Office, Borough of Manhattan, No. 301 Mott street.

WILLIAM C. BAXTER, Chief Clerk.

Office, Borough of The Bronx, One Hundred and Thirty-eighth street and Mott avenue (Solingen Building).

CORNELIUS A. BUNNER, Chief Clerk.

Office, Borough of Brooklyn, No. 42 Court street.

GEORGE RUSSELL, Chief Clerk.

Office, Borough of Queens, No. 51 Jackson avenue, Long Island City.

CARL VOEGEL, Chief Clerk.

Office, Borough of Richmond, Staten Island Savings Building, Stapleton S. I.

ALEXANDER M. ROSS, Chief Clerk.

All offices open from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

DEPARTMENT OF BRIDGES.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 1 P. M. Telephone: 6080 Cortlandt, Manhattan; 2206 Main, Brooklyn; 79 Tremont, The Bronx; 413 Greenpoint, Queens.

GUSTAV LINDENTHAL, Commissioner.

NELSON L. ROBINSON, Deputy.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Telephones: Manhattan, 256 Cortlandt; Brooklyn, 3980 Main; Queens, 439 Greenpoint; Richmond, 39 Tompkinsville; Bronx, 62 Tremont.

ROBERT GRIER MONROE, Commissioner.

WILLIAM A. DE LONG, Deputy Commissioner.

GEORGE W. BIRDSALL, Chief Engineer.

ROBERT A. KELLY, Water Registrar.

EDWARD S. BROWN, Jr., Secretary to the Department.

ROBERT VAN DERSTINE, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.

WILLIAM F. HULL, Deputy Commissioner, Borough of The Bronx, Crotona Park Building, One Hundred and Seventy-seventh street and Third avenue.

GUSTAVE A. ROULLIER, Deputy Commissioner, Borough of Queens, Long Island City.

GEORGE S. SCOFIELD, Deputy Commissioner, Borough of Richmond, New Brighton, S. I.

FIRE DEPARTMENT.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.

Telephone 868 Seventy-ninth street, Manhattan; 636 Main, Brooklyn.

THOMAS STURGIS, Commissioner.

RICHARD H. LAIMBEER, Jr., Deputy Commissioner, Boroughs of Brooklyn and Queens.

WILLIAM LEARY, Secretary.

EDWARD F. CROKER, Chief of Department and in Charge of Fire-alarm Telegraph.

JAMES F. MURRAY, Deputy Chief, Acting in Charge of Boroughs of Brooklyn and Queens.

GEORGE E. MURRAY, Inspector of Combustibles.

THOMAS F. FREEL, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.

Central Office open at all hours.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East Sixty-seventh street, Headquarters Fire Department.

Fire Commissioner, THOMAS STURGIS, Chairman; WILLIAM J. CHARLTON, Esq.; Gen. GEORGE O. EATON, J. AMORY HASKELL, Esq.; Dr. CHARLES F. McKENNA; JOHN F. CUNNINGHAM, Secretary.

Office hours, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M. Telephone 3863 Cortlandt.

JOHN MCGAW WOODBURY, Commissioner.

F. M. GIBSON, Deputy Commissioner.

JOHN J. O'BRIEN, Chief Clerk.

DEPARTMENT OF CORRECTION.

Central Office.

No. 148 East Twentieth street. Office hours from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone 1047 Eighteenth.

THOMAS W. HYNES, Commissioner.

A. C. MACNULTY, Deputy Commissioner.

DEPARTMENT OF PUBLIC CHARITIES.

Central Office.

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M.

Telephone 605 Madison Square.

HOMER FOLKS, Commissioner for Manhattan and Bronx.

JAMES F. DOUGHERTY, First Deputy Commissioner.

CHARLES E. TEALE, Second Deputy Commissioner, for Brooklyn and Queens, Nos. 126 and 128 Livingston street, Brooklyn.

Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M.; Saturdays, 12 M.

Out-door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M.

Department for Care of Destitute Children, No. 66 Third avenue, 8.30 A. M. to 4.30 P. M.

BELLEVUE AND ALLIED HOSPITALS.

Telephone 2730 Madison Square.

Board of Trustees—Dr. JOHN W. BRANNAN, THEODORE E. TACK, MARCUS STINE, JAMES K. PAULING, SAMUEL SACHS, MILES TIERNEY, HOWARD TOWNSEND.

TENEMENT-HOUSE DEPARTMENT.

Manhattan Office, No. 61 Irving place, southwest corner Eighteenth street.

Telephone 5331 Eighteenth.

Brooklyn Office, Temple Bar Building, No. 44 Court street.

Bronx Office, to be established.

ROBERT W. DE FOREST, Commissioner.

LAWRENCE VEILER, First Deputy Tenement-house Commissioner.

WESLEY C. BUSH, Second Deputy Tenement-house Commissioner.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.

Telephone 1681 Broad.

McDOUGALL HAWKES, Commissioner.

JACKSON WALLACE, Deputy Commissioner.

RUSSELL BLECKER, Secretary.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, 9 A. M. to 4 P. M.

Bureau of Burial and Contagious Disease Offices always open.

ERNEST J. LEDERLE, Commissioner of Health and President.

Telephone 1204 Columbus.

CASPAR GOLDBERMAN, Secretary.

CHARLES F. ROBERTS, M. D., Sanitary Superintendent.

WILLIAM H. GUILFOY, M. D., Registrar of Records.

FREDERICK H. DILLINGHAM, M. D., Assistant Sanitary Superintendent, Borough of Manhattan.

EDWARD F. HURD, M. D., Assistant Sanitary Superintendent, Borough of The Bronx, No. 1237 Franklin avenue.

JOSEPH H. RAYMOND, M. D., Assistant Sanitary Superintendent, Borough of Brooklyn, Nos. 38 and 40 Clinton street.

SAMUEL HENDRICKSON, M. D., Assistant Sanitary Superintendent, Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.

JOHN I. SPRAGUE, M. D., Assistant Sanitary Superintendent, Borough of Richmond, York avenue and Richmond Terrace, New Brighton, Staten Island.

DEPARTMENT OF PARKS.

WILLIAM R. WILLCOX, Commissioner of Parks for the Boroughs of Manhattan and Richmond and President of the Park Board.

GEORGE S. TERRY, Secretary, Park Board.

Offices, Arsenal, Central Park.

RICHARD YOUNG, Commissioner of Parks for the Boroughs of Brooklyn and Queens.

Offices, Litchfield Mansion, Prospect Park, Brooklyn.

JOHN E. EUSTIS, Commissioner of Parks for the Borough of The Bronx.

Offices, Zbrowski Mansion, Claremont Park.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Borough of The Bronx—Corner of Third avenue and One Hundred and Seventy-seventh street. Telephone 333, Tremont.
WALTER H. HENNING, Chief Clerk.
WILLIAM O'GORMAN, JR., JOSEPH L. BERRY.
 Borough of Brooklyn—Office, Room 17, Borough Hall. Open at all times of day and night, except between the hours of 12 M. and 5 P. M. on Sundays and holidays.
PHILIP T. WILLIAMS, MICHAEL J. FLAHERTY.
 Borough of Queens—Office, Borough Hall, Fulton street, Jamaica, L. I.
SAMUEL D. NUTT, LEONARD RUOFF, JR., MARTIN MAGER, JR., Chief Clerk.
 Office hours from 9 A. M. to 4 P. M.
 Borough of Richmond—No. 174 Bay street, Stapleton. Open for the transaction of business all hours of the day and night.
GEORGE F. SCHAEFER.

NEW YORK COUNTY OFFICES.

SURROGATES.

New County Courthouse. Court open from 9 A. M. to 4 P. M., except Saturdays, when it closes at 12 M.
FRANK T. FITZGERALD, ABNER C. THOMAS, Surrogates; WILLIAM V. LEARY, Chief Clerk.

SHERIFF.

Stewart Building, 9 A. M. to 4 P. M.
WILLIAM J. O'BRIEN, Sheriff; EDWARD C. MOEN, Under Sheriff.

COUNTY JAIL.

No. 70 Ludlow street, 6 A. M. to 10 P. M. daily.
WILLIAM J. O'BRIEN, Sheriff.
THOMAS H. SULLIVAN, Warden.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.
 Office hours, from 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.
WILLIAM TRAVERS JEROME, District Attorney.
JOHN A. HENNEBERRY, Chief Clerk.

REGISTER.

East side City Hall Park. Office hours from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M. During the months of July and August the hours are from 9 A. M. to 2 P. M.
JOHN H. J. KONNER, Register; MATTHEW P. BREEN, Deputy Register.

COUNTY CLERK.

Nos. 8, 9, 10 and 11 New County Courthouse. Office hours from 9 A. M. to 4 P. M.
THOMAS L. HAMILTON, County Clerk.
HENRY BIRKELL, Deputy.
PATRICK H. DUNN, Secretary.

COMMISSIONER OF JURORS.

Room 127 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
CHARLES WELDE, Commissioner.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.
WILLIAM M. HOES, Public Administrator.

KINGS COUNTY OFFICES.

COUNTY COURT, KINGS COUNTY.

County Courthouse, Brooklyn, Rooms 10, 19, 22 and 23. Court opens at 10 A. M. daily, and sits until business is completed. Part I., Room No. 23, Part II., Room No. 10, Courthouse. Clerk's Office, Rooms 19 and 22, open daily from 9 A. M. to 4 P. M.; Saturdays, 12 M. to 2 P. M.
JOSEPH ASPINALL and FREDERICK E. CRANE, County Judges.
JULIUS L. WIEMAN, Chief Clerk.

SURROGATE.

Hall of Records, Brooklyn, N. Y.
JAMES C. CHURCH, Surrogate.
WILLIAM P. PICKETT, Clerk of the Surrogate's Court.
 Court opens at 10 A. M. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

SHERIFF.

County Courthouse, Brooklyn.
 9 A. M. to 4 P. M.; Saturdays 12 M. to 2 P. M.
NORMAN S. DIKE, Sheriff; WILLIAM W. WINGATE, Under Sheriff.

COUNTY JAIL.

Raymond street, between Willoughby street and DeKalb avenue, Brooklyn, New York.
NORMAN S. DIKE, Sheriff; JAMES F. KOACH, Warden.

DISTRICT ATTORNEY.

Office, County Courthouse, Borough of Brooklyn. Hours 9 A. M. to 5 P. M.
JOHN F. CLARKE, District Attorney.

REGISTER.

Hall of Records. Office hours, 9 A. M. to 4 P. M., excepting months of July and August, then from 9 A. M. to 2 P. M., provided for by statute.
JOHN K. NEAL, Register.
WARREN C. TREDWELL, Deputy Register.
D. H. RALSTON, Assistant Deputy Register.

COUNTY CLERK.

Hall of Records, Brooklyn, 9 A. M. to 4 P. M.
CHARLES T. HARTZHEIM, County Clerk.

COMMISSIONER OF JURORS.

5 Courthouse.
JACOB BRENNER, Commissioner.
FRANK J. GARDNER, Deputy Commissioner.
ALBERT B. WALDRON, Secretary.
 Office hours from 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. to 12 M.

COMMISSIONER OF RECORDS.

Rooms 7, 9, 10 and 11, Hall of Records.
 Office hours, 9 A. M. to 4 P. M., excepting months of July and August, then 9 A. M. to 2 P. M.; Saturdays, 9 A. M. to 12 M.
GEORGE E. WALDO, Commissioner.
JOSEPH H. GRENELLE, Deputy Commissioner.
THOMAS D. MOSSCROFT, Superintendent.
RICHARD S. STEVES, Chief Clerk.

PUBLIC ADMINISTRATOR.

No. 189 Montague street, Brooklyn, 9 A. M. to 4 P. M., except Saturdays in June, July and August, 9 A. M. to 1 P. M.
WILLIAM B. DAVENPORT, Public Administrator.

QUEENS COUNTY OFFICES.

SURROGATE.

DANIEL NOBLE, Surrogate.
 Office at Jamaica.
 Except on Sundays, holidays and half-holidays, the office is open, between March 31 and October

1. from 8 A. M. to 5 P. M.; on Saturdays, from 8 A. M. to 12 M.; between September 30 and April 1, from 9 A. M. to 5 P. M.; on Saturdays, from 9 A. M. to 12 M.
 Surrogate's Court sits on Thursday and Friday of each week, except during the month of August, when no court is held. Calendar called at 10 A. M.

COUNTY COURT.

County Courthouse, Long Island City.
 County Court opens at 9:30 A. M.; adjourns at 5 P. M.
 County Judge's office always open at Flushing, N. Y.
HARRISON S. MOORE, County Judge.

SHERIFF.

County Courthouse, Long Island City, 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. to 12 M.
JOSEPH H. DE BRAGGA, Sheriff; JOSIAH C. BENNETT, Under Sheriff.

DISTRICT ATTORNEY.

Office, Queens County Courthouse, Long Island City, 9 A. M. to 5 P. M.
JOHN B. MERRILL, District Attorney.
DENIS O'LEARY, Chief Clerk.

COUNTY CLERK.

Jamaica, N. Y., Fourth Ward, Borough of Queens.
 Office hours, April 1 to October 1, 8 A. M. to 5 P. M.; October 1 to April 1, 9 A. M. to 5 P. M.; Saturdays, 12 M. to 2 P. M.
 County and Supreme Court held at the Queens County Courthouse, Long Island City. Court opens at 9:30 A. M. to adjourn 5 P. M.
JAMES INGRAM, County Clerk.
CHARLES DOWNING, Deputy County Clerk.

COMMISSIONER OF JURORS.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
EDWARD J. KNAUER, Commissioner.
H. HOMER MOORE, Assistant Commissioner.

PUBLIC ADMINISTRATOR.

No. 103 Third street, Long Island City, 9 A. M. to 5 P. M.
CHARLES A. WADLEY, Public Administrator.

RICHMOND COUNTY OFFICES.

COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1902:
 County Courts—STEPHEN D. STEPHENS, County Judge.
 First Monday of June, Grand and Trial Jury;
 First Monday of December, Grand and Trial Jury;
 Fourth Wednesday of January, without a Jury;
 Fourth Wednesday of February, without a Jury;
 Fourth Wednesday of March, without a Jury;
 Fourth Wednesday of April, without a Jury;
 Fourth Wednesday of July, without a Jury;
 Fourth Wednesday of September, without a Jury;
 Fourth Wednesday of October, without a Jury;
 —All at the Courthouse at Richmond.
 Surrogate's Court—STEPHEN D. STEPHENS, Surrogate.
 Mondays, at the First National Bank Building, St. George, at 10:30 o'clock A. M.
 Tuesdays, at the First National Bank Building, St. George, at 10:30 o'clock A. M.
 Wednesdays, at the Surrogate's Office, Richmond, at 10:30 o'clock A. M.

DISTRICT ATTORNEY.

Port Richmond, S. I.
 Office hours, from 9 A. M. to 12 M., and from 2 P. M. to 5 P. M.
EDWARD S. RAWSON, District Attorney.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 A. M. to 4 P. M.
EDWARD M. MULLER, County Clerk.
CROWELL M. CONNER, Deputy County Clerk.

SHERIFF.

County Courthouse, Richmond, S. I., 9 A. M. to 4 P. M.
FRANKLIN C. VITT, Sheriff.
THOMAS H. BANNING, Under Sheriff.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.
CHARLES J. KULLMAN, Commissioner.
J. LOUIS GARRETTSON, Commissioner.
 Office open from 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. to 12 M.

THE COURTS.

APPELLATE DIVISION SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.

Courthouse, Madison avenue, corner Twenty-fifth street. Court opens at 1 P. M.
CHARLES H. VAN BRUNT, Presiding Justice;
EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAHAM, CHESTER B. McLAUGHLIN, EDWARD W. HATCH, FRANK C. LAUGHLIN, JUSTICES.
ALFRED WAGSTAFF, Clerk.
WILLIAM LAMB, JR., Deputy Clerk.
 Clerk's Office opens at 9 A. M.

SUPREME COURT—FIRST DEPARTMENT.

County Courthouse, Chambers street. Courts open from 10:15 A. M. to 4 P. M.
 Special Term, Part I. (motions), Room No. 12.
 Special Term, Part II. (ex-parte business), Room No. 15.
 Special Term, Part III., Room No. 19.
 Special Term, Part IV., Room No. 11.
 Special Term, Part V., Room No. 30.
 Special Term, Part VI. (Elevated Railroad Cases), Room No. 36.
 Trial Term, Part II., Room No. 25.
 Trial Term, Part III., Room No. 17.
 Trial Term, Part IV., Room No. 18.
 Trial Term, Part V., Room No. 16.
 Trial Term, Part VI., Room No. 24.
 Trial Term, Part VII., Room No. 23.
 Trial Term, Part VIII., Room No. 33.
 Trial Term, Part IX., Room No. 31.
 Trial Term, Part X., Room No. 32.
 Trial Term, Part XI., Room No. 22.
 Trial Term, Part XII., Room No. 34.
 Trial Term, Part XIII., and Special Term, Part VII., Room No. 26.
 Appellate Term, Room No. 31.
 Naturalization Bureau, Room No. 38, third floor.
 Assignment Bureau, room on third floor.
 Clerks in attendance from 10 A. M. to 4 P. M.
 Clerk's Office, Special Term, Part I. (motions), Room No. 13.
 Clerk's Office, Special Term, Part II. (ex-parte business), room southwest corner mezzanine floor.

Clerk's Office, Special Term Calendar, room southeast corner second floor.
 Clerk's Office, Trial Term Calendar, room northeast corner second floor.
 Clerk's Office, Appellate Term, room southwest corner third floor.
 Trial Term, Part I. (criminal business).
 Criminal Courtroom, Centre street.
Justices—GEORGE C. BARRETT, CHARLES H. TRUAX, CHARLES F. MACLEAN, JAMES FITZGERALD, MILES BEACH, DAVID LEVENTRITT, LEONARD A. GIEGERICH, HENRY BISCHOFF, JR., JOHN J. FREEDMAN, GEORGE P. ANDREWS, P. HENRY DUGRO, JOHN PROCTOR CLARKE, HENRY A. GILDERSLEEVE, FRANCIS M. SCOTT, JAMES A. O'GORMAN, JAMES A. BLANCHARD, SAMUEL GREENBAUM, ALFRED STECKLER, THOMAS L. HAMILTON, Clerk.

SUPREME COURT—SECOND DEPARTMENT.

Kings County Courthouse, Borough of Brooklyn, N. Y.
 Courts open daily from 10 o'clock A. M. to 5 o'clock P. M. Five jury trial parts. Special Term for Trials. Special Term for Motions.
GERARD M. STEVENS, General Clerk.

CRIMINAL DIVISION—SUPREME COURT.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.
 Court opens at 10:30 A. M.
THOMAS L. HAMILTON, Clerk; EDWARD R. CARROLL, Special Deputy to the Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

COURT OF GENERAL SESSIONS.

Held in the building for Criminal Courts, Centre, Elm, White and Franklin streets.
 Court opens at 10:30 o'clock A. M.
RUFUS B. COWING, City Judge; JOHN W. GOFF, Recorder; JOSEPH E. NEWBURGER, MARTIN T. McMAHON and WARREN W. FOSTER, Judges of the Court of General Sessions.
EDWARD R. CARROLL, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brown-stone Building, City Hall Park, from 10 A. M. to 4 P. M.
 General Term.
 Trial Term, Part I.
 Part II.
 Part III.
 Part IV.
 Part V.
 Special Term Chambers will be held from 10 A. M. to 4 P. M.
 Clerk's office, from 9 A. M. to 4 P. M.
JAMES M. FITZSIMONS, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER, THEODORE F. HASCALL, FRANCIS B. DELEHANTY, SAMUEL SEABURY, JUSTICES.
THOMAS F. SMITH, Clerk.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.
 Court opens at 10 A. M.
Justices—First Division—ELIZUR B. HINSDALE, WILLIAM E. WYATT, JOHN B. MCKEAN, WILLIAM C. HOLBROOK, JULIUS M. MAYER, WILLARD H. OLMSTED, WILLIAM M. FULLER, Clerk; JOSEPH H. JONES, Deputy Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Second Division—Trial Days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.
Justices—JOHN COURTNEY, HOWARD J. FORKER, PATRICK KEADY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; JOHN J. DORMAN, Deputy Clerk.
 Clerk's office, Borough Hall, Borough of Brooklyn, open from 9 A. M. to 4 P. M.

CITY MAGISTRATES' COURTS.

Courts open from 9 A. M. until 4 P. M.
City Magistrates—HENRY A. BRANN, ROBERT C. CORNELL, LEROY B. CRANE, JOSEPH M. DEUEL, CHARLES A. FLAMMER, LORENZ ZELLER, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, JOHN B. MAYO, EDWARD HOGAN.
PHILIP BLOCH, Secretary.
 First District—Criminal Court Building.
 Second District—Jefferson Market.
 Third District—No. 69 Essex street.
 Fourth District—Fifty-seventh street, near Lexington avenue.
 Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.
 Sixth District—One Hundred and Fifty-eighth street and Third avenue.
 Seventh District—Fifty-fourth street, west of Eighth avenue.

SECOND DIVISION.

Borough of Brooklyn.

City Magistrates—ALFRED E. STEERS, A. V. B. VOORHEES, JR., JAMES G. TICHE, EDWARD J. DOOLEY, JOHN NAUMER, E. G. HIGGENSBOTHAM, FRANK E. O'RIELLY, HENRY J. FURLONG.
 First District—No. 318 Adams street.
 Second District—Court and Butler streets.
 Third District—Myrtle and Vanderbilt avenues.
 Fourth District—Lee avenue and Clymer street.
 Fifth District—Manhattan avenue and Powers street.
 Sixth District—Gates and Reid avenues.
 Seventh District—Grant street (Flatbush).
 Eighth District—West Eighth street (Coney Island).

Borough of Queens.

City Magistrates—MATTHEW J. SMITH, LUKE J. CONNORTON, EDMUND J. HEALY.
 First District—Long Island City.
 Second District—Flushing.
 Third District—Far Rockaway.

Borough of Richmond.

City Magistrates—JOHN CROAK, NATHANIEL MARSH.
 First District—New Brighton, Staten Island.
 Second District—Stapleton, Staten Island.
 President of Board, ALFRED E. STEERS, No. 76 Clarkson street.
 Secretary to Board, THOMAS D. OSBORN, West Eighth street, Coney Island.

MUNICIPAL COURTS.

Borough of Manhattan.

First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island, and the Oyster Islands. New Courthouse, No. 128 Prince street, corner of Wooster street.
DANIEL E. FINN, Justice.
FRANK L. BACON, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Courtroom, corner of Grand and Centre streets.
HERMAN BOLTE, Justice.
FRANCIS MANGIN, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

Court opens daily at 10 A. M., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.

Third District—Ninth and Fifteenth Wards. Courtroom, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
WM. F. MOORE, Justice.
DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Courtroom, No. 30 First street, corner Second avenue. Clerk's office open daily from 9 A. M. to 4 P. M. Court opens at 10 A. M. daily, and remains open to close of business.
GEORGE F. ROESCH, Justice.
JULIUS HARBURGER, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Courtroom, No. 154 Clinton street.
BENJAMIN HOFFMAN, Justice.
THOMAS FITZPATRICK, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Courtroom, northwest corner Twenty-third street and Second avenue. Court opens at 9 A. M. daily, and continues open to close of business.
DANIEL F. MARTIN, Justice.
ABRAM BERNARD, Clerk.

Seventh District—Nineteenth Ward. Courtroom, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
HERMAN JOSEPH, Justice.
PATRICK McDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Courtroom, northwest corner of Twenty-third street and Eighth avenue. Court opens at 10 A. M. and continues open until close of business.
 Clerk's office open from 9 A. M. to 4 P. M., and on Saturdays until 12 M.
 Trial days and Return days, each Court day.
JOSEPH H. STINER, Justice.
HENRY MERZBACH, Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox avenue. Courtroom, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
JOSEPH P. FALLON, Justice.
WILLIAM J. KENNEDY, Clerk.

Clerk's office open daily from 9 A. M. to 4 P. M.
 Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Courtroom, No. 314 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
THOMAS E. MURRAY, Justice.
HUGH GRANT, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Courtroom, corner of One Hundred and Twenty-sixth street and Columbus avenue. Clerk's office open daily (Sundays and legal holidays excepted), from 9 A. M. to 4 P. M. Court convenes daily at 9:45 A. M.
FRANCIS J. WORCESTER, Justice.
HEMAN B. WILSON, Clerk.

BOROUGH OF THE BRONX.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Courtroom, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Trial of causes are Tuesdays.
WILLIAM W. PENFIELD, Justice.
THOMAS F. DELAHANTY, Clerk.
 Office hours, from 9 A. M. to 5 P. M.; Saturdays, closing at 12 M.
 Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Courtroom, corner of Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.
JOHN M. TIERNEY, Justice.
THOMAS A. MAHER, Clerk.

BOROUGH OF BROOKLYN.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Courthouse, northwest corner State and Court streets.
JOHN J. WALSH, Justice.
EDWARD MORAN, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M. Calendar called at 10 A. M.
 Second District—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Courtroom located at No. 794 Broadway, Brooklyn.
GERARD B. VAN WART, Justice.
WILLIAM H. ALLEN, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Courthouse, Nos. 6 and 8 Lee avenue, Brooklyn.
WILLIAM J. LYNCH, Justice.
JOHN W. CARPENTER, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M. Court opens at 10 o'clock.
 Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Courtroom, No. 14 Howard avenue.
THOMAS H. WILLIAMS, Justice.
HERMAN GOHLINGHORST, Clerk; JAMES P. SINNOTT, Assistant Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
 Fifth District—Eight, Twenty-second, Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Courthouse, Bay Twenty-second street and Bath avenue, Bath Beach. Telephone 83, Bath.
CORNELIUS FERGUSON, Justice.
JEREMIAH J. O'LEARY, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

BOROUGH OF QUEENS.

First District—First Ward (all of Long Island City, formerly composing five wards). Courtroom, No. 46 Jackson avenue, Long Island City.
 Clerk's office open from 9 A. M. to 4 P. M. each day, excepting Saturday, closing at 12 M. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.
THOMAS C. KADEN, Justice.
THOMAS F. KENNEDY, Clerk.

Second District—Second and Third Wards, which include the territory of the late Towns of Newtown and Flushing. Courtroom, in Courthouse of late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, New York.
WILLIAM RASQUIN, Jr., Justice.
HENRY WALTER, Jr., Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

Third District—JAMES F. McLAUGHLIN, Justice. GEORGE W. DAMON, Clerk. Courthouse, Town Hall, Jamaica. Clerk's office open from 9 A. M. to 4 P. M. Court held on Mondays, Wednesdays and Fridays at 10 A. M.

BOROUGH OF RICHMOND.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

JOHN J. KENNEY, Justice. FRANCIS F. LEMAN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M. Court held each day, except Saturdays, from 10 A. M.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.

GEORGE W. STAKE, Justice. PETER TIERNAN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M. Court held each day from 10 A. M., and continues until close of business.

CHANGE OF GRADE DAMAGE COMMISSION.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 221 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York or otherwise," and the acts amendatory thereof and supplemental thereto, notice is hereby given that public meetings of the Commissioners appointed pursuant to said acts will be held at Room 159 Stewart Building, No. 280 Broadway, Borough of Manhattan, in the City of New York, on Tuesdays and Thursdays of each week, at 2 o'clock p. m., until further notice.

Dated New York, August 13, 1902.
WILLIAM D. LEONARD,
JAMES R. BURNET,
JOHN S. WISE, JR.,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

DEPARTMENT OF FINANCE.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessments for OPENING AND ACQUIRING TITLE to the following-named avenues and streets in the BOROUGH OF BROOKLYN:

TWENTY-SECOND WARD.

TENTH AVENUE—OPENING, from Fifteenth street to Twentieth street. Confirmed August 1, 1902; entered September 5, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southerly line of Fifteenth street, which point is distant 347.87 feet westerly from the corner formed by the intersection of the southerly line of Fifteenth street with the westerly line of Tenth avenue, as said avenue and street are laid down on the Commissioners' map of the City of Brooklyn, which said point is the center line of the block between Tenth avenue and Prospect Park West, formerly Ninth avenue, and running southerly along said center line of the block to the southerly line of Prospect avenue, at a point 350 feet westerly from the westerly side of Tenth avenue, which point is the center line of the block between Ninth avenue and Tenth avenue, and running thence southerly along said center line to the northerly side of Twentieth street, at a point 350 feet west of the westerly side of Tenth avenue, thence easterly along the northerly side of Twentieth street to a point 350 feet easterly from the northeast corner of Tenth avenue and Twentieth street; running thence northerly along the center line of the block between Tenth avenue and Eleventh avenue to a point 349.79 feet easterly from the northeastern corner of Tenth avenue and Prospect avenue, and which point is the center of the block between Tenth avenue and Eleventh avenue, and running thence again northerly along the center line of said block to the southerly line of Fifteenth street, at a point distant 347.87 feet easterly from Tenth avenue, and thence westerly along the southerly side of Fifteenth street to the point or place of beginning.

TWENTY-NINTH WARD.

EAST THIRTY-SECOND STREET—OPENING, from Church avenue to Avenue C. Confirmed August 20, 1902; entered September 5, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

On the east by the center line of the block between East Thirty-second street and New York avenue; on the south by the southerly side of Avenue C; on the west by the center line of the block between East Thirty-first street and East Thirty-second street, and on the north by the northerly side of Church avenue.

TWENTY-NINTH AND THIRTIETH WARDS.

WEST STREET—OPENING, from Franklin avenue to Forty-third street. Confirmed August 16, 1902; entered September 5, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point where the northerly side of Forty-third street intersects the westerly side of West street, and running thence westerly and at right angles to West street 100 feet; thence southerly and parallel with West street to the southerly line of Franklin avenue; running thence easterly along the southerly side of Franklin avenue to a point where said southerly side of Franklin avenue intersects a line drawn parallel to West street and distant 100 feet easterly therefrom; running thence northerly along said line drawn parallel to West street to a point where said line will intersect a line drawn at right angles to West street from a point where the easterly side of West street will intersect the northerly side of Forty-third street if continued across West street; running thence westerly along said line drawn at right angles to West street to the point where the northerly line of Forty-third street intersects the easterly

line of West street, and running thence westerly to the point or place of beginning.

THIRTIETH WARD.

FOURTEENTH AVENUE—OPENING, from Eighty-sixth street to Cropsy avenue. Confirmed August 27, 1902; entered September 5, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southwesterly side of Eighty-sixth street, distant 96 feet 8 inches northwesterly from the westerly corner of Eighty-sixth street and Fourteenth avenue; running thence southwesterly in a line parallel with Fourteenth avenue to a point where the northerly side of Cropsy avenue, if extended west of Fourteenth avenue, would intersect said line; running thence easterly and along said line drawn in prolongation of the northerly side of Cropsy avenue to the westerly side of Fourteenth avenue; running thence southerly along the westerly side of Fourteenth avenue to the southerly side of Cropsy avenue; running thence easterly along the southerly side of Cropsy avenue to the easterly side of Fourteenth avenue; running thence northerly along the easterly side of Fourteenth avenue to the northerly side of Cropsy avenue; running thence easterly along the northerly side of Cropsy avenue 96 feet 8 inches; thence northerly along a line drawn parallel with Fourteenth avenue to the southerly side of Eighty-sixth street, and thence westerly along the southerly side of Eighty-sixth street to the point or place of beginning.

The above-entitled assessments were entered on the dates hereinabove given in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon, on or before November 5, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments become a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, September 5, 1902.

\$6.20

NOTICE TO TAXPAYERS.

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, NEW YORK, September 1, 1902.

TAXPAYERS WHO DESIRE TO OBTAIN bills promptly should make immediate written requisition (blanks may be procured in the borough offices), stating their property by Section or Ward, Block and Lot or Map Number, making copy of same from their bills of last year.

If a taxpayer is assessed for personal tax, the requisition should also request bill for such tax.

Each requisition should be accompanied by an envelope bearing the proper address of the applicant and with return postage prepaid.

In case of any doubt in regard to Ward, Section, Block or Lot Number, taxpayers should take their deeds to the Department of Taxes and Assessment and have their property located on the maps of that Department, and forward to the Deputy Receiver of Taxes, with the requisition, a certified memorandum of their property, which will be furnished by the Department of Taxes and Assessment.

Taxpayers in this manner will receive their bills returned by mail at the earliest possible moment and avoid any delay caused by waiting on lines, as is required in case of personal application.

The requisition must be addressed and mailed to the Deputy Receiver of Taxes in whichever borough the property is located, as follows:

John J. McDonough, No. 57 Chambers street, Borough of Manhattan, New York.

John B. Unruh, corner Third and Tremont avenues, Borough of The Bronx, New York.

Jacob S. Van Wyck, Municipal Building, Borough of Brooklyn, New York.

Frederick W. Blackwelder, corner Jackson avenue and Fifth street, Long Island City, Borough of Queens, New York.

John DeMorgan, Stapleton, New York.

DAVID E. AUSTEN,
Receiver of Taxes.

\$3-04

INTEREST ON CITY BONDS AND STOCK.

THE INTEREST DUE NOVEMBER 1, 1902,

on the Registered Bonds and Stock of The City of New York will be paid on that day by the Comptroller, at his office in the Stewart Building, corner of Broadway and Chambers street (Room 39).

The Transfer Books thereof will be closed from October 15, 1902, to November 1, 1902.

The interest due November 1, 1902, on the Coupon Bonds and Stock of the present and former City of New York will be paid on that day at the office of the Comptroller.

EDWARD M. GROUT,
Comptroller.

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, August 30, 1902.

\$29.01

INTEREST ON CITY BONDS AND STOCK.

THE INTEREST DUE OCTOBER 1, 1902,

on the Registered Bonds and Stock of The

City of New York will be paid on that day by the Comptroller, at his office in the Stewart Building, corner of Broadway and Chambers street (Room 39).

The Transfer Books thereof will be closed from September 15 to October 1, 1902.

The interest due October 1, 1902, on the Coupon Bonds and Stock of the former City of New York will be paid on that day by the Knickerbocker Trust Company, No. 66 Broadway.

The interest due October 1, 1902, on Coupon Bonds of other corporations now included in The City of New York, will be paid on that day at the office of the Comptroller.

EDWARD M. GROUT,
Comptroller.

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, August 30, 1902.

\$29.01

FIRE DEPARTMENT.

FIRE DEPARTMENT OF THE CITY OF NEW YORK, Nos. 157 AND 159 EAST SIXTY-SEVENTH STREET, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 3 o'clock p. m. on

WEDNESDAY, SEPTEMBER 24, 1902.

Borough of Manhattan.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATIONS AND REPAIRS TO QUARTERS OF ENGINE COMPANY No. 22, LOCATED AT No. 159 EAST EIGHTY-FIFTH STREET.

The time for the completion of the work and the full performance of the contract is one hundred (100) working days.

The amount of security required is six thousand (\$6,000) dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

THOMAS STURGIS,
Commissioner.

Dated September 12, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

\$12.24

FIRE DEPARTMENT OF THE CITY OF NEW YORK, Nos. 157 AND 159 EAST SIXTY-SEVENTH STREET, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 3 o'clock p. m. on

WEDNESDAY, SEPTEMBER 24, 1902.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR EXTENDING AND IMPROVING THE FIRE ALARM TELEGRAPH SYSTEM.

The time for the completion of the work and the full performance of the contract is 120 days.

The amount of security required is seven thousand five hundred (\$7,500) dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

THOMAS STURGIS,
Commissioner.

Dated September 12, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

\$12.24

DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, SEPTEMBER 25, 1902.

Borough of Manhattan.

FOR FURNISHING AND DELIVERING COAL WHERE REQUIRED ON PARKS IN THE BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is before December 31, 1902.

The amount of security required is fifteen hundred dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms concerning bids may be obtained at the office of the Department of Parks, the Arsenal, Central Park.

WILLIAM R. WILLCOX,
JOHN E. EUSTIS,
RICHARD YOUNG,
Commissioners of Parks.

Dated September 13, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

\$15.25

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, SEPTEMBER 25, 1902.

Borough of Brooklyn.

No. 1. FOR FURNISHING AND ERECTING WROUGHT IRON PICKET FENCE ON SHORE ROAD.

The time for the completion of the work and the full performance of the contract is ninety consecutive working days.

The amount of security required is seven thousand dollars.

No. 2. FOR FURNISHING AND DELIVERING 7,000 CUBIC YARDS COARSE BANK GRAVEL ON OCEAN PARKWAY, BETWEEN AVENUE U AND CONEY ISLAND CONCOURSE.

The time for the completion of the work and the full performance of the contract is thirty consecutive working days.

The amount of security required is twenty-five hundred dollars.

Bids will be compared and the contracts awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Department of Parks, the Litchfield Mansion, Prospect Park, Brooklyn.

WILLIAM R. WILLCOX,
JOHN E. EUSTIS,
RICHARD YOUNG,
Commissioners of Parks.

Dated September 12, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

\$13.25

BOROUGH OF RICHMOND.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, FIRST NATIONAL BANK BUILDING, ST. GEORGE, NEW BRIGHTON, N. Y. CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond, at the above office, until 12 o'clock m., on

FRIDAY, SEPTEMBER 19, 1902.

Borough of Richmond.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR

On the northerly side of Second street, between Lafayette avenue and Franklin avenue, property of the Davis estate, known as lot 55 B, Ward 1, vol. 1, block 7, construct sidewalk.

Also on the northerly side of Second street, between Lafayette avenue and Franklin avenue, property of the Davis estate, known as lot 55 B, vol. 1, block 7, construct fence.

Also in front of the premises No. 448 Willard avenue, Ward 1, vol. 4, block 16, plot 12, district 6, construction and repair of sidewalk, curb and gutter.

Also in front of lot 379, easterly side of Wardwell avenue, between Leeward avenue and Waters avenue, Ward 1, vol. 4, block 9, plot 12, district 6, construction of sidewalks, curbs and gutters.

Also on the easterly side of Dubois avenue, between Marion street and Floyd street, Ward 1, vol. 4, block 4, plot 2, district 6, construction of sidewalks, curbs and gutters, as follows:

Lots 86 and 87, sidewalk, curb and gutter; Mary H. Andrews, owner.

Lot 100, sidewalk, curb and gutter; Mary A. Dunton, owner.

Also on the easterly side of Dubois avenue, between Delafield avenue and Cherry lane, Ward 1, vol. 4, plot 2, district 6, lots 23 and 30, construct sidewalk, curb and gutter; Clarence Delafield, owner.

Also on the northerly side of Richmond Terrace, between Tompkins place and Water street, Ward 1, vol. 2, block 10, plot 1, district 4, lot 6, construct sidewalk.

Also on the northerly side of McKeon street, corner of Patten street, Ward 2, vol. 1, plot 5, lot 336, construct sidewalk, curb and gutter.

Also on the northerly side of McKeon street, between Varian street and Riker street, Ward 2, vol. 1, plot 4, lot 108, repair sidewalk, construct curb and gutter.

Also on the southerly side of McKeon street, between Varian street and Riker street, Ward 2, vol. 1, plot 4, lot 42, construct sidewalk.

Also lay crosswalk across South avenue at Richmond Terrace, in the Third Ward.

Also on the northerly side of Pennsylvania avenue at New York avenue, Ward 4, vol. 1, plot 4, lot 367, construct sidewalk, curb and gutter.

Also on the northerly side of Pennsylvania avenue, between Anderson street and Rosebank place, Ward 4, vol. 1, plot 4, lot 353, construct sidewalk, curb and gutter.

Also on the westerly side of New York avenue, north of Pennsylvania avenue, Ward 4, vol. 1, plot 4, lots 666 and 667, repair sidewalk, curb and gutter.

Also on the northerly side of Main street at Broadway, Ward 5, vol. 1, lot 77, block 19, construct sidewalk and place curb and gutter along property of Ringdier Fisher.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows:

1,310 linear feet of new curb.

95 linear feet of curb, reset.

331 square yards of new cobble gutter.

40 square yards of cobble gutter, relay.

82 square yards of Belgian block gutters.

4,980 square feet of new flagstone.

255 square feet of flag, relay.

340 square feet of cement walks.

80 linear feet of new board fence.

8 square yards of granite block pavement.

80 square feet of new bridge stone.

The time for the completion of the work and the full performance of the contract is 40 working days.

The amount of security required is twelve hundred dollars (\$1,200).

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REGULATING, GRADING, MACADAMIZING ETC., HAMILTON AVENUE, FROM ST. MARK'S PLACE TO WESTERVELT AVENUE.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows:

900 cubic yards excavation.

4,700 square yards macadam pavement.

600 square yards new Belgian block pavement.

600 square yards old cobble gutters, relaid.

1,000 square feet new bridge stone.

2,000 linear feet new curbstone.

1,500 linear feet old curbstone, reset.

200 square feet new flagstone.

5 cubic yards brickwork.

The time for the completion of the work and the full performance of the contract is 60 working days.

The amount of security required is four thousand dollars (\$4,000).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

The bidder will state the price of each item or article contained in the specifications or schedules per pound, ton, foot, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total.

Blank forms can be obtained upon application therefor, at the office of the President. The plans and drawings may be seen at the office of the Commissioner of Public Works of the Borough of Richmond, Richmond Building, New Brighton, Borough of Richmond.

LOUIS L. TRIBUS,
Acting President and Commissioner of Public Works.

THE CITY OF NEW YORK, September 8, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

\$9.19

BOARD OF ASSESSORS.

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

BOROUGH OF THE BRONX.

List 7,099, No. 1. Sewers in East One Hundred and Eightieth street, from the Southern Boulevard to Arthur avenue; in Clinton avenue, between East One Hundred and Eightieth street and East One Hundred and Eighty-second street; in Crotona avenue, between East One Hundred and Eighty-second street and East One Hundred and Eighty-fourth street; in Belmont avenue, between East One Hundred and Eighty-second street and East One Hundred and Eighty-fourth street; in Hughes avenue, between East One Hundred and Eighty-second street and East One Hundred and Eighty-fourth street.

List 7,179, No. 2. Sewer and appurtenances in Crotona Park North, from summit west of Crotona avenue to summit east of Prospect avenue.

List 7,181, No. 3. Sewer and appurtenances in East One Hundred and Seventy-fifth street, from the Southern Boulevard to the summit west of Marmion avenue, and in Crotona Park North, from East One Hundred and Seventy-fifth street to summit west of Marmion avenue.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Eightieth street, from the Southern Boulevard to Arthur avenue; both sides of One Hundred and Eighty-first street, from the Southern Boulevard to Lafontaine avenue; both sides of Oak Tree place, from Hughes avenue to Lafontaine avenue; both sides of One Hundred and Eighty-second street, from the Southern Boulevard to Hughes avenue; south side of One Hundred and Eighty-second street, from Quarry road to Hughes avenue; both sides of Garden street, from Southern Boulevard to Grote street; both sides of Mapes avenue, from One Hundred and Eightieth street to One Hundred and Eighty-second street; both sides of Prospect avenue, from One Hundred and Eightieth street to Grote street; both sides of Clinton avenue, from One Hundred and Eightieth street to One Hundred and Eighty-second street; both sides of Crotona avenue, from One Hundred and Eighty-second street to Garden street; both sides of Belmont avenue, from One Hundred and Eighty-second street to One Hundred and Eighty-fourth street; both sides of Hughes avenue, from One Hundred and Eighty-second street to One Hundred and Eighty-fourth street; both sides of Arthur avenue, from One Hundred and Eighty-first street to One Hundred and Eighty-second street; both sides of Quarry road, from One Hundred and Eighty-first street to One Hundred and Eighty-second street; north side of One Hundred and Seventy-seventh street, from Hughes avenue to Belmont avenue.

No. 2. Both sides of Crotona Park North, from Marmion avenue to a point distant about one hundred and seventy-five feet west of Crotona avenue; east side of Prospect avenue, from Crotona Park North to One Hundred and Seventy-fifth street; west side of Marmion avenue, from Crotona Park North to One Hundred and Seventy-fifth street.

No. 3. Both sides of One Hundred and Seventy-fifth street, from Southern Boulevard to a point distant about 200 feet north of Marmion avenue, and extending back about 100 feet from said street; both sides of Crotona Park North, from East One Hundred and Seventy-fifth street to a point distant about 200 feet north of Marmion avenue.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before October 16, 1902, at 3 p. m., at which time and place the said objections will be heard and testimony received in reference thereto.

BENJAMIN E. HALL,
HENRY B. KETCHAM,
ENOCH VREELAND,
Board of Assessors.

WILLIAM H. JASPER, Secretary, No. 320 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN, September 13, 1902.

S13,24

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

BOROUGH OF MANHATTAN.

List 7,171, No. 1. Paving with granite block pavement One Hundred and Thirty-first street, from Amsterdam avenue to Convent avenue.

List 7,175, No. 2. Alteration and improvement to sewer in One Hundred and Twenty-sixth street, between Seventh avenue and summit west of Lenox avenue.

BOROUGH OF THE BRONX.

List 7,165, No. 3. Sewer and appurtenances in East One Hundred and Eighty-ninth street, from Belmont avenue to Arthur avenue, with branches in Arthur avenue, between East One Hundred and Eighty-seventh street and Pelham avenue.

List 7,166, No. 4. Sewer and appurtenances in Woodlawn road, from Bainbridge avenue to East Two Hundred and Tenth street.

List 7,178, No. 5. Sewer in Boone street, from West Farms road to Freeman street.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Thirty-first street, from Amsterdam avenue to Convent avenue, and to the extent of half the block at the intersecting and terminating avenues.

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

No. 3. Both sides of One Hundred and Eighty-ninth street, from Belmont avenue to Hoffman street; both sides of Arthur avenue, from One Hundred and Eighty-seventh street to Pelham avenue; both sides of Hughes avenue, from One Hundred and Eighty-seventh street to a point distant about 330 feet north of Pelham avenue; both sides of One Hundred and Eighty-eighth street, from Hughes avenue to Hoffman street; both sides of Pelham avenue, from Belmont avenue to Lorillard place; both sides of One Hundred and Ninety-first street, from Hughes avenue to Hoffman street; both sides of Hoffman street, from Pelham avenue to One Hundred and Ninety-first street; east side of Hoffman street, from One Hundred and Eighty-eighth street to Pelham avenue.

No. 4. Both sides of Woodlawn road, from Bainbridge avenue to East Two Hundred and Tenth street; both sides of Two Hundred and Seventh street, from Woodlawn road to Perry avenue; south side of Van Cortlandt avenue, from Reservoir Oval East to Woodlawn road; both sides of Reservoir Oval West, from Woodlawn road to Two Hundred and Tenth street.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before October 16, 1902, at 3 p. m., at which time and place the said objections will be heard and testimony received in reference thereto.

BENJAMIN E. HALL,
HENRY B. KETCHAM,
ENOCH VREELAND,
Board of Assessors.

WILLIAM H. JASPER, Secretary, No. 320 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN, September 13, 1902.

No. 5. Both sides of Boone street, from West Farms road to Freeman street; both sides of West Farms road, from Boone street to Freeman street, and east side of Longfellow street, extending about 275 feet north of Freeman street. All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before October 16, 1902, at 3 p. m., at which time and place the said objections will be heard and testimony received in reference thereto.

BENJAMIN E. HALL,
HENRY B. KETCHAM,
ENOCH VREELAND,
Board of Assessors.

WILLIAM H. JASPER, Secretary, No. 320 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN, September 10, 1902.

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

BOROUGH OF MANHATTAN.

List 7,162, No. 1. Alteration and improvement to sewer in Forty-fourth street, between East river and Second avenue, and to connection at First avenue.

List 7,168, No. 2. Flagging and reflagging Amsterdam avenue (east side), from One Hundred and Eighty-fifth street to Washington Bridge.

List 7,169, No. 3. Sewer in Avenue A (Sutton place), between Fifty-eighth street and Fifty-ninth street, and in Fifty-eighth street, between Avenue A (Sutton place) and East river.

List 7,170, No. 4. Paving with granite block pavement and curbing 125 feet of unpaved carriage way at the foot of East One Hundred and Seventeenth street.

BOROUGH OF THE BRONX.

List 7,177, No. 5. Sewer and appurtenances in Belmont avenue, between East One Hundred and Eighty-seventh street and William (One Hundred and Eighty-sixth) street.

List 7,180, No. 6. Sewer in Longfellow street, from West Farms road to Westchester avenue.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Forty-fourth street, from Second avenue to the East river; both sides of First avenue, from Forty-third street to Forty-fourth street, and west side of First avenue, extending about 101 feet north of Forty-fourth street.

No. 2. East side of Amsterdam avenue, from One Hundred and Eighty-fifth street to Washington Bridge.

No. 3. Both sides of Avenue A, from Fifty-eighth street to Fifty-ninth street, both sides of Fifty-eighth street, from Avenue A to the East river and west side of Riverside Terrace extending about 100 feet north of Fifty-eighth street.

No. 4. Both sides of One Hundred and Seventeenth street, just west of Harlem river, on Block 1715, Lots 29½ and 30, and Block 1716, Lots 19 and 22½.

No. 5. Both sides of Belmont avenue, from One Hundred and Eighty-sixth street to One Hundred and Eighty-seventh street.

No. 6. Both sides of Longfellow street, from West Farms road to Westchester avenue; both sides of One Hundred and Sixty-seventh street, from West Farms road to Longfellow street; both sides of Westchester avenue, from a point distant about fifty feet west of Faile street to Longfellow street.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before October 9, 1902, at 3 p. m., at which time and place the said objections will be heard and testimony received in reference thereto.

BENJAMIN E. HALL,
HENRY B. KETCHAM,
ENOCH VREELAND,
Board of Assessors.

WILLIAM H. JASPER, Secretary,

No. 320 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN, September 6, 1902.

S15,16

BOROUGH OF BROOKLYN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m. on

THURSDAY, SEPTEMBER 25, 1902.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FENCING LOTS IN VARIOUS PLACES AND ON VARIOUS STREETS IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the amount of fence to be erected is 7,220 linear feet.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is one thousand (\$1,000) dollars.

The bidder will state the price of each item or class of work contained in the specifications or schedules per linear foot or other unit of measure.

Blank forms may be obtained and the plans and drawings may be seen at the office of the President of the Borough of Brooklyn, Room 15, Municipal Department Building.

J. EDW. SWANSTROM, President.

Dated September 6, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

S13,24

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m. on

WEDNESDAY, SEPTEMBER 24, 1902.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN SEVENTY-SIXTH STREET, BETWEEN THIRD AVENUE AND FOURTH AVENUE, BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities is as follows:

45 linear feet 15-inch vitrified stoneware pipe sewer, laid in concrete.
700 linear feet 12-inch vitrified stoneware pipe sewer, laid in concrete.

8 manholes.

4,500 feet B. M. foundation planking.

The time for furnishing the materials and labor and the performance of the contract is 30 days.

The amount of security required is one thousand (\$1,000) dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, Borough of Brooklyn, Room 15, Municipal Building, Brooklyn.

J. EDWARD SWANSTROM, President.

Dated September 10, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

S12,24

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m. on

WEDNESDAY, SEPTEMBER 24, 1902.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING CEMENT CONCRETE SIDEWALKS IN VARIOUS PLACES AND ON VARIOUS STREETS IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities of cement walk to be constructed is as follows:

17,650 square feet.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is one thousand (\$1,000) dollars.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING CEMENT CONCRETE SIDEWALKS IN VARIOUS PLACES AND ON VARIOUS STREETS IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities of cement walk to be constructed is as follows:

32,022 square feet.

The time for the completion of the work and the full performance of the contract is seventy (70) days.

The amount of security required is two thousand (\$2,000) dollars.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING CEMENT CONCRETE SIDEWALKS IN VARIOUS PLACES AND ON VARIOUS STREETS IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities of cement walks to be constructed is as follows:

20,785 square feet.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is one thousand (\$1,000) dollars.

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FLAGGING SIDEWALKS IN VARIOUS PLACES AND ON VARIOUS STREETS IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities is as follows:

25,725 square feet of bluestone flagging, furnished and laid.

300 square feet of old flagstone, relaid.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is one thousand (\$1,000) dollars.

No. 5. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FLAGGING SIDEWALKS IN VARIOUS PLACES AND ON VARIOUS STREETS IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities is as follows:

35,945 square feet of bluestone flagging, furnished and laid.

200 square feet of old flagstone, relaid.

The time for the completion of the work and the full performance of the contract is seventy (70) days.

The amount of security required is two thousand (\$2,000) dollars.

The bidder will state the price of each item or class of work contained in the specifications or schedules per square foot or other unit of measure.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms may be obtained and the plans and drawings may be seen at the office of the President of the Borough of Brooklyn, Room 15, Municipal Department Building.

J. EDWARD SWANSTROM, President.

Dated September 10, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

S12,24

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m. on

WEDNESDAY, SEPTEMBER 24, 1902.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN FORT HAMILTON AVENUE, BETWEEN SIXTY-FIFTH STREET AND SIXTY-SIXTH STREET, AND OUTLET SEWER IN SIXTY-FIFTH STREET, SOUTH SIDE, BETWEEN FORT HAMILTON AVENUE AND TENTH AVENUE, IN THE BOROUGH OF BROOKLYN.

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

50 linear ft. 18-in. vitrified stoneware pipe sewer, laid in concrete.

350 linear ft. 15-in. vitrified stoneware pipe sewer, laid in concrete.

486 linear ft. 12-in. vitrified stoneware pipe sewer, laid in concrete.

11 manholes.

6,000 feet B. M. foundation planking.

The time for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is \$2,500.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN THIRD AVENUE, BETWEEN SEVENTY-NINTH STREET AND EIGHTIETH STREET, IN THE BOROUGH OF BROOKLYN.

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

265 linear ft. 12-in. vitrified stoneware pipe sewer, laid in concrete.

3 manholes.

1,600 ft. B. M. foundation planking.

The time for the completion of the work and full performance of the contract is 20 working days.

The amount of security required is \$500.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, Room 15, Municipal Building, Borough of Brooklyn.

J. EDWARD SWANSTROM, President.

Dated, Sept. 4, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

S9,24

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 15, MUNICIPAL BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m. on

WEDNESDAY, SEPTEMBER 17, 1902.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER CROSSINGS UNDER ATLANTIC AVENUE IMPROVEMENT SUBWAY AT HOWARD AVENUE, SARATOGA AVENUE, ROCKAWAY AVENUE, EASTERN PARKWAY EXTENSION AND HOPKINSON AVENUE.

The Engineer's estimate of the quantities is as follows:

2,300 linear feet 30-inch brick sewer.

4 linear feet 24-inch vitrified stoneware pipe sewer laid in concrete.

36 linear feet 24-inch cast-iron pipe sewer laid in concrete.

108 linear feet 18-inch cast-iron pipe sewer laid in concrete.

30 linear feet 18-inch vitrified stoneware pipe sewer laid in concrete.

60 linear feet 15-inch vitrified stoneware pipe sewer laid in concrete.

200 linear feet 12-inch vitrified stoneware pipe sewer laid in concrete.

30 manholes.

22,000 feet B. M. foundation planking.

430,000 feet B. M. sheeting and bracing.

5 cubic yards concrete.

5 cubic yards brick masonry.

The time for furnishing the materials and labor and the performance of the contract is 150 working days.

The amount of security required is eighteen thousand dollars (\$18,000).

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWERS IN SIXTIETH STREET, FROM FOURTEENTH AVENUE TO NINETEENTH AVENUE, AND IN NINETEENTH AVENUE, FROM SIXTIETH STREET TO FIFTY-SEVENTH STREET, BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities is as follows:

15 linear feet 162-inch brick sewer.

4,015 linear feet 156-inch brick sewer.

660 linear feet 144-inch brick sewer.

60 linear feet 78-inch brick sewer.

50 linear feet 36-inch brick sewer.

100 linear feet 30-inch brick sewer.

100 linear feet 24-inch vitrified stoneware pipe sewer laid in concrete.

100 linear feet 18-inch vitrified stoneware pipe sewer laid in concrete.

100 linear feet 15-inch vitrified stoneware pipe sewer laid in concrete.

50 linear feet 12-inch vitrified stoneware pipe sewer laid in concrete.

6 manholes, Class "A."

CITY OF NEW YORK, DEPARTMENT OF EDUCATION, PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN.

NOTICE OF SALE.

SEALED PROPOSALS WILL BE RECEIVED by the Superintendent of School Buildings of the Department of Education of The City of New York, at the Hall of the Board, southwest corner of Park avenue and Fifty-ninth street, Borough of Manhattan, until 12 o'clock noon, on

MONDAY, SEPTEMBER 15, 1902.

The articles to be sold are now on storage at No. 426 East One Hundred and Tenth street, Borough of Manhattan, where they may be seen, and are marked as intended for sale.

The removal of said materials from the premises where they are now stored must be made within six working days. The security required is \$200.

The following is a list of the articles to be sold: 228 desks and seats in three sections each, 15 front desks, 21 back seats, 40 turn-over desks and seats in two sections each, 25 fast top desks and seats in two sections each, 52 single front desks and back seats, 69 desks and seats, 30 pedestal chairs, 30 settees, 4 glass bookcases, 45 chairs, 7 segment desks, 24 teachers' desks, 28 cloth screens, 4 cooking stands, 50 pairs window shutters, 200 Venetian blinds, 2 pianos, 4 platform desks, 11 pine top tables, 28 work benches, 200 pieces slate blackboard, 50 sliding doors, 54 feet office railing, 4 Alberene wash trays, 2 gymnasium swing cups, Marble mantels and grates, Washing machine.

All plumbing and sanitary material. Cash payment must be made at the time and place of sale by the successful bidder, in addition to submitting the bond heretofore set forth in the sum of \$200. Should the successful bidder fail to remove the goods or articles within six days, the said bidder will be considered as having forfeited ownership of said articles, and the money paid therefor, and the said articles will be resold for the benefit of the City. In the event of the successful bidder failing to remove the articles within the time limited, the security above mentioned will be considered as forfeited and will be retained by The City of New York.

THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, ACTING BY AND THROUGH THE CHAIRMAN OF ITS COMMITTEE ON BUILDINGS.

82,15.

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

MONDAY, SEPTEMBER 15, 1902.

Borough of Manhattan.

FOR INSTALLING ELECTRIC ELEVATORS IN THE WADLEIGH HIGH SCHOOL, ONE HUNDRED AND FOURTEENTH STREET AND ONE HUNDRED AND FIFTEENTH STREET, 100 FEET WEST OF SEVENTH AVENUE, BOROUGH OF MANHATTAN.

The time of completion is 60 working days. The amount of security required is \$4,000. The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each. The bids will be compared and the contracts awarded at a lump or aggregate sum for each.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings. Dated September 4, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

82,15.

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

MONDAY, SEPTEMBER 15, 1902.

CONTRACT No. 1. FOR CONNECTING WITH THE FIRE ALARM SYSTEM OF THE CITY OF NEW YORK THE FOLLOWING SCHOOL BUILDINGS: PUBLIC SCHOOLS 184 AND 186, ALSO COMMERCIAL, WADLEIGH AND MORRIS HIGH SCHOOLS, IN THE BOROUGH OF MANHATTAN AND THE BRONX.

The time of completion on each school is 60 working days. The amount of security required is as follows: Public School 184, \$500. Public School 186, \$200. Commercial High School, \$500. Wadleigh High School, \$500. Morris High School, \$200.

The bidder will state the price of each school item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each. The bids will be compared and the contracts awarded at a lump or aggregate sum for each.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings. Dated September 4, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

82,15.

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Public Charities at the above office until 12 o'clock m. on

TUESDAY, SEPTEMBER 23, 1902.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ALTERATION AND ADDITION TO THE NEW YORK CITY TRAINING SCHOOL FOR NURSES AT BLACKWELL'S ISLAND.

The time for the completion of the work and the full performance of the contract will be one hundred and eighty (180) working days. The amount of security required will be thirty thousand (\$30,000) dollars. Bids will be compared and the contract awarded at a lump or aggregate sum for the entire work.

Bidders for this work must be engaged in and known to be well prepared to execute same in accordance with the plans and specifications, and upon demand by the Commissioner must produce proof satisfactory to said Commissioner that they possess the necessary plant, tools, materials, etc., which will be required in the erection and completion of the work.

Blank forms may be obtained and the plans and drawings may be seen at the office of York & Sawyer, architects, No. 156 Fifth avenue, Borough of Manhattan.

Dated September 10, 1902.

HOMER FOLKS, Commissioner.

See General Instructions to Bidders on the last page, last column, of the "City Record."

811,23.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS. PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities, at the above office, until 12 o'clock noon, on

THURSDAY, SEPTEMBER 18, 1902.

No. 1. FOR FURNISHING AND DELIVERING HOSPITAL SUPPLIES, VIZ.: CHEMICALS, DRUGS AND MISCELLANEOUS SUPPLIES.

No. 2. FOR FURNISHING AND DELIVERING GROCERIES, PROVISIONS, VEGETABLES, FLUID AND CONDENSED MILK, FISH, FLOUR, COAL, FODDER, DRY GOODS, ETC., AND FOR OTHER MISCELLANEOUS SUPPLIES.

The time for the performance of the contract is by or before December 31, 1902. The amount of security required is fifty (50) per cent. of the amount of the bid or estimate. Samples on contract No. 2, will be on exhibition at the Storehouse, Flatbush, Borough of Brooklyn.

The bidder will state the price of each item contained in the specifications herein contained or hereto annexed, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item or class as specified in the schedule or specifications and awards made to the lowest bidder on each.

HOMER FOLKS, Commissioner.

THE CITY OF NEW YORK, September 5, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

88,18.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Public Charities at the above office until 12 o'clock m. on

THURSDAY, SEPTEMBER 18, 1902.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR JOB NO. 1. ALTERATIONS TO BUILDING KNOWN AS NURSES' HOME, METROPOLITAN HOSPITAL, BLACKWELL'S ISLAND. JOB NO. 2. NEW TIN ROOFS FOR SIX PAVILIONS, KNOWN AS AB, CD, EF, GH, MALE BLIND, FEMALE BL. J. CENTRAL KITCHEN; REPAIRS TO ROOFS AND NEW LEADERS AND GUTTERS TO MALE INCURABLE, FEMALE INCURABLE, FEMALE BARRACKS, ADMINISTRATION BUILDING, NORTH PAVILION, SOUTH PAVILION AND MALE BARRACKS, ALL LOCATED ON ALMSHOUSE GROUNDS, BLACKWELL'S ISLAND. JOB NO. 3. ALTERATIONS OF THE SOUTH END OF THE BUILDING KNOWN AS SOUTH PAVILION, ALMSHOUSE, BLACKWELL'S ISLAND.

The time for the completion of the work and the full performance of the contract will be on job (1), sixty days; on job (2), sixty days, and on job (3), twenty days. The amount of security required will be, on job (1), five thousand dollars (\$5,000); on job (2), twenty-five hundred dollars (\$2,500); and on job (3), nine hundred dollars (\$900).

Bids will be compared and the contract awarded at a lump or aggregate sum for each job. Bidders for this work must be engaged in, and known to be well prepared to execute same in accordance with the plans and specifications, and upon demand by the Commissioner must produce proof satisfactory to said Commissioner that they possess the necessary plant, tools, materials, etc., which will be required in the erection and completion of the work.

Blank forms for each job may be obtained and the plans and drawings may be seen at the office

of the Department of Public Charities, foot of East Twenty-sixth street, Borough of Manhattan. Dated September 5, 1902.

HOMER FOLKS, Commissioner.

See General Instructions to Bidders on the last page, last column of the "City Record."

85,18.

DEPARTMENT OF WATER SUPPLY GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1536, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

THURSDAY, SEPTEMBER 18, 1902.

Boroughs of Manhattan and The Bronx

No. 1. FOR FURNISHING MATERIALS AND BUILDING AN ENGINE, COAL AND BOILER HOUSE FOR HIGH SERVICE WORKS AT JEROME PARK RESERVOIR, JEROME AVENUE, BETWEEN VAN CORTLANDT AVENUE AND MOSHOLU PARKWAY.

The time allowed to complete the whole work will be three hundred days.

The amount of security required is twenty thousand dollars.

No. 2. FOR FENCING PROPERTY OF THE CITY OF NEW YORK AROUND CRANBERRY POND, OUTLET AND BRANCHES, IN THE TOWN OF CARMEL, PUTNAM COUNTY, N. Y.

The time allowed to complete the whole work will be three hundred days.

The amount of security required is two thousand five hundred dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

No. 3—FOR FURNISHING AND DELIVERING STREET LAMPS, BOULEVARD LAMPS, GLOBES, TOPS AND REFLECTORS, LAMP POSTS, BRACKETS, FRAMES, CROSS HEADS AND FIRE ALARM LAMPS.

The time for the delivery of the supplies and the performance of the contract is one hundred days.

The amount of the security shall be fifty per cent. of the amount of the bid or estimate.

Award of contracts will be to the lowest bidder on each separate item.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Department of Water Supply, Gas and Electricity, the Borough of Manhattan, Nos. 13-21 Park row.

ROBERT GRIER MONROE, Commissioner.

Dated August 25, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

827,818.

DEPARTMENT OF DOCKS AND FERRIES.

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, N. R., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m., on

TUESDAY, SEPTEMBER 23, 1902.

CONTRACT No. 750. FOR REBUILDING THE PIER AT THE FOOT OF EAST THIRTY-SECOND STREET, TO BE KNOWN AS PIER No. 80, E. R.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 60 days.

The amount of security required is eight thousand (\$8,000) dollars.

CONTRACT No. 751. FOR FURNISHING AND DELIVERING SAND AND BROKEN STONE FOR CONCRETE.

The time for the delivery of the materials and supplies and the performance of the contract is on or before the expiration of 180 calendar days. The amount of security required is for Class I, \$1,000 and for Class II, \$3,000.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each class and awards made to the lowest bidder on each class.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

McDOUGALL HAWKES, Commissioner of Docks.

Dated September 10, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

811,23.

DEPARTMENT OF HEALTH.

OFFICE OF THE DEPARTMENT OF HEALTH, SOUTH-WEST CORNER FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health at the above office until 11 o'clock a. m., on

WEDNESDAY, SEPTEMBER 17, 1902.

No. 1. FOR FURNISHING AND DELIVERING, AS REQUIRED, CHEMICALS, DISINFECTANTS, DRUGS, HORSE FEED AND LIQUORS, TO THE WILLARD PARKER AND RECEPTION HOSPITALS, AT THE FOOT OF EAST SIXTEENTH STREET,

BOROUGH OF MANHATTAN; THE RIVERSIDE HOSPITAL AT NORTH BROTHER ISLAND, BOROUGH OF THE BRONX; THE KINGSTON AVENUE HOSPITAL, AT KINGSTON AVENUE AND FENIMORE STREET, BOROUGH OF BROOKLYN; THE LABORATORIES, OFFICE BUILDINGS AND DISINFECTION STATIONS OF THE DEPARTMENT IN THE DIFFERENT BOROUGH, NEW YORK CITY, DURING THE YEAR 1902.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required shall be fifty (50) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each class and awards made to the lowest bidder on each class.

The weight, measure, etc., will be allowed as received at the respective places of delivery.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed at the respective places set forth in the specifications.

Blank forms may be obtained at the office of the Board of Health, the Borough of Manhattan, southwest corner Fifty-fifth street and Sixth avenue.

ERNST J. LEDERLE, Ph. D., President;

ALVAH H. DOTY, M. D., JOHN N. PARTRIDGE, Board of Health.

Dated September 5, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

85,17.

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING, ROOM 1421, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 1 o'clock p. m. on

WEDNESDAY, SEPTEMBER 24, 1902.

Borough of Brooklyn.

No. 1. CONTRACT FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required is three thousand (\$3,000) dollars.

Boroughs of Manhattan and The Bronx No. 2. CONTRACT FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required is ten thousand (\$10,000) dollars.

The bids will be compared and the contracts awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Department of Street Cleaning, the Borough of Manhattan, Nos. 13-21 Park row.

JOHN MCG. WOODBURY, Commissioner of Street Cleaning.

See General Instructions to Bidders on the last page, last column, of the "City Record."

812,24.

DEPARTMENT OF STREET CLEANING, MAIN OFFICE NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN.

TO CONTRACTORS.

CONTRACT FOR THE FINAL DISPOSITION OF ASHES, STREET SWEEPINGS AND RUBBISH AND LIGHT REFUSE IN THE BOROUGH OF BROOKLYN.

SEALED BIDS OR ESTIMATES FOR THE above work, indorsed with the title, also the name of the person or persons making the estimate and the date of presentation, will be received at the Main Office of the Department of Street Cleaning, Nos. 13-21 Park row, Borough of Manhattan, until 1 o'clock p. m. of

MONDAY, OCTOBER 13, 1902,

at which time and place the bids will be publicly opened by the head of the Department and read.

The amount of the security will be sixty thousand (\$60,000) dollars.

The period of the contract will be for five years from the date of the execution of the contract and the completion of the work.

Each bid or estimate must be accompanied by a certified check on a solvent banking corporation in The City of New York, payable to the order of the Comptroller, for five per centum of the amount for which the work bid for is proposed in any one year to be performed.

The check should be enclosed in the envelope. From the bids so received the Commissioner may select the bid or estimate, the acceptance of which will, in his judgment, best secure the efficient performance of the work, or he may reject any or all of the said bids, as provided by section 544 of the Greater New York Charter as amended.

The plant must be complete, and the work must begin within nine (9) months from the execution of the contract, and bidders must specify in their bids the time within which they will be ready to begin the work.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commission, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications in the form approved by the Corporation Counsel and containing the terms approved by the Board of Estimate and Apportionment, can be obtained upon application therefor at the office of the said Commissioner.

JOHN MCG. WOODBURY, Commissioner of Street Cleaning.

CITY OF NEW YORK, September 5, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

86,013.

ASHES, ETC., FOR FILLING IN LANDS.

PERSONS HAVING LANDS OR PLACES in the vicinity of New York Bay to fill in can procure material for that purpose—ashes, street sweepings, etc., collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park Row, Borough of Manhattan.

JOHN MCGAW WOODBURY,
Commissioner of Street Cleaning.

BOROUGH OF MANHATTAN.

OFFICE OF PRESIDENT OF THE BOROUGH OF MANHATTAN, NEW YORK, SEPTEMBER 13, 1902.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE with section 432 of the Charter of The City of New York, that a communication, signed by the Commissioner of Public Works, concerning the necessity of paving Cherry street, from the intersection of Jefferson street, 150 feet in the direction of Rutgers street, with asphalt, has been filed in this office, and is now ready for public inspection, and that a meeting of the Board of Local Improvements of the Bowling Green District for Local Improvements will be held in the Borough Office, City Hall, on the 30th day of September, 1902, at 12 m., at which meeting said communication will be submitted to the Board.

JACOB A. CANTOR,
President.

GEORGE W. BLAKE,
Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK, SEPTEMBER 5, 1902.

NOTICE OF SALE AT PUBLIC AUCTION.

The President of the Borough of Manhattan will sell at public auction, through Bryan L. Kennelly, Auctioneer, to the highest bidder, on the 17th day of September, 1902, at 12 o'clock m., on the premises, all the buildings and parts of buildings and existing structures, with all the materials in or appurtenant thereto, then contained within the following-described parcels of land, situate in the Borough of Manhattan, in The City of New York, to wit:

PARCEL A,

NOS. 243-245-247 EAST ONE HUNDRED AND NINTH STREET,

BOROUGH OF MANHATTAN.

The said buildings and parts of buildings and existing structures above referred to will be sold in one (1) lot or parcel, and only on condition that the purchaser enter into a contract to remove the said buildings, structures, or parts thereof, and all materials comprising the same, including the tin, sheet iron, pipes and refuse therein and therefrom, and that he give or furnish a bond in an amount equal to twice the amount bid for the buildings so sold, and in such form and with such securities as may be required or may be approved by the President of the Borough, to perform all the terms and conditions in the said contract contained, or contained in the specifications, which are and are to be considered a part thereof.

The whole of the purchase price bid shall be paid by the successful bidder in cash or bankable funds at the time of the sale, which sale will be made in conformity with this advertisement, the contract, specifications and bond, copies of which may be obtained at the office of the President of the Borough, Room No. 16, City Hall, where any further information may be obtained.

(Signed) JACOB A. CANTOR,
President of the Borough of Manhattan.

86,17

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK, SEPTEMBER 10, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room No. 16, until 11 o'clock a. m. on

TUESDAY, SEPTEMBER 23, 1902,

FOR REGULATING, GRADING, SODDING AND RESTORING RIVERSIDE PARK, FROM ABOUT ONE HUNDRED AND TWENTY-SEVENTH STREET TO ONE HUNDRED AND TWENTY-NINTH STREET.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required, is as follows:

- 4,000 cubic yards of earth excavation.
- 100 cubic yards of rock excavation.
- 4,000 cubic yards of loam or mould.
- 3,500 cubic yards of filling in park.
- 250 cubic yards of concrete for foundations.
- 1,500 square yards of asphalt sidewalk, including telford and concrete foundations.
- 625 yards of asphalt roadway, over arch, including binder course.
- 90,000 square feet of sod furnished and laid.
- 700 linear feet of bluestone steps furnished and laid, including bluestone cheek pieces.
- 900 linear feet of 2-inch cast iron water pipe furnished and laid.
- 230 linear feet 1½-inch galvanized iron pipe furnished and laid.
- 50 linear feet of 1-inch wrought iron pipe furnished and laid.
- 300 linear feet of 12-inch culvert pipe furnished and laid.
- 170 linear feet of 10-inch culvert pipe furnished and laid.
- 140 linear feet of 8-inch culvert pipe furnished and laid.
- 400 linear feet of 6-inch culvert pipe furnished and laid.
- 2 receiving basins complete with all appurtenances.
- 14 sidewalk basins complete with all appurtenances.
- 5 surface basins complete with all appurtenances.
- 1 blow off.
- 6 street washers.
- 1 existing manhole (built up).
- 4 stop cocks.

Time for the completion of the work and full performance of the contract is 90 days.

The amount of security required is two thousand two hundred (\$2,200) dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained, or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure. The extensions must be made and footed up, as the bids will be read from the total, and awards made to the lowest bidder.

The bids will be compared and the contract

awarded at a lump or aggregate sum for each contract.

Blank forms, specifications and any further information can be obtained at the office of the Commissioner of Public Works, Bureau of Highways, No. 21 Park row, Borough of Manhattan.

JACOB A. CANTOR,
Borough President.

THE CITY OF NEW YORK, SEPTEMBER 10, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

811,23

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK, SEPTEMBER 9, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room No. 16, until 11 o'clock a. m. on

TUESDAY, SEPTEMBER 23, 1902,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATION AND IMPROVEMENT TO SEWER IN ONE HUNDRED AND SECOND STREET, AT HARLEM RIVER, WITH NEW CURVES IN MARGINAL STREET.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

- 150 linear feet of brick sewer of 4 feet interior diameter, Class I.
- 8 linear feet of brick sewer of 3 feet 6 inches by 2 feet interior diameter, Class II.
- 5,000 feet B. M. of timber and planking for bracing and sheet piling.

The time allowed for completing the whole work will be fifty (50) working days.

The amount of the security required is one thousand (\$1,000) dollars.

The plans and drawings may be seen and other information obtained at the office of the Commissioner of Public Works, Nos. 13-21 Park row, Bureau of Sewers, Borough of Manhattan.

JACOB A. CANTOR,
Borough President.

THE CITY OF NEW YORK, SEPTEMBER 9, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

811,23

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK, SEPTEMBER 4, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room No. 16, until 11 o'clock a. m., on

TUESDAY, SEPTEMBER 23, 1902,

No. 1. FOR FURNISHING AND DELIVERING 2,500 CUBIC YARDS OF WASHED GRAVEL.

The time for the delivery of the supplies and the performance of the contract is until December 31, 1903.

The amount of security required for the full performance of the contract is \$1,000.

The bidder will state the price per cubic yard or other unit of measure. The extension must be made and footed up, as the bids will be read from the total, and awards made to the lowest bidder.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS TO SEWER IN GREENE STREET, BETWEEN WAVERLEY AND WASHINGTON PLACE.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

- 138 linear feet of brick sewer, of 4 foot by 3 foot interior diameter.
- 9,000 feet, B. M., of timber and planking for bracing and sheet piling.

The time allowed for completing the whole work will be thirty (30) working days.

The amount of the security required is seven hundred and fifty (\$750) dollars.

Blank forms, the plans and drawings, may be seen at the office of the Commissioner of Public Works, Nos. 13-21 Park row, Bureau of Sewers, Borough of Manhattan.

JACOB A. CANTOR,
Borough President.

THE CITY OF NEW YORK, SEPTEMBER 4, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK, SEPTEMBER 9, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room No. 16, until 11 o'clock a. m. on

TUESDAY, SEPTEMBER 23, 1902,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS TO SEWER IN FORTY-FOURTH STREET AT HUDSON RIVER.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required, is as follows:

- 120 linear feet of brick sewer of 4 feet by 3 feet interior diameter, Class I.
- 142 linear feet of wooden box sewer of 4 feet by 3 feet interior diameter, Class II.
- 25 linear feet of wooden box sewer 4 feet by 3 feet interior diameter (in crib work), Class III.
- 35 linear feet of salt glazed vitrified stone-ware pipe culvert of 12-inch interior diameter.
- 14,000 feet B. M. of timber and planking for bracing and sheet piling.
- 8,000 feet B. M. of timber and planking for foundation.

The time allowed for completing the whole work will be one hundred (100) working days.

The amount of security required is two thousand (\$2,000) dollars.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR REPAIRS TO SEWER IN SIXTY-FIFTH STREET, BETWEEN MADISON AVENUE AND FIFTH AVENUE.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required, is as follows:

- 250 linear feet of salt glazed vitrified stone-ware pipe sewer of 15-inch interior diameter.
- 15 cubic yards of rock to be excavated and removed.
- 20,000 feet B. M. of timber and planking for bracing and sheet piling.

The time allowed for completing the whole work will be sixty (60) working days.

The amount of the security required is one thousand (\$1,000) dollars.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR REPAIRS TO SEWER IN SIXTH AVENUE AT FIFTY-SEVENTH STREET.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required, is as follows:

- 110 linear feet of brick sewer of 4 feet by 2 feet 8 inches interior diameter.
- 7,500 feet B. M. of timber and planking for bracing and sheet piling.

The time allowed for completing the whole work will be sixty (60) working days.

The amount of the security required is seven hundred and fifty (\$750) dollars.

The plans and drawings may be seen at the office of the Commissioner of Public Works, Nos. 13-21 Park row, Bureau of Sewers, Borough of Manhattan.

JACOB A. CANTOR,
Borough President.

THE CITY OF NEW YORK, SEPTEMBER 9, 1902.

See General Instructions to Bidders on the last page, last column, of the "City Record."

811,23

BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CORNER THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET, CROTONA PARK, NEW YORK, SEPTEMBER 3, 1902.

NOTICE OF SALE AT PUBLIC AUCTION—

On Wednesday, September 17, 1902, at 10 o'clock a. m., the President of the Borough of The Bronx will sell at public auction, by James McCauley, Auctioneer, the buildings, parts of buildings, fences, etc., located within the lines of Chisholm street, from Stebbins avenue to Intervale avenue; Honeywell avenue, from East One Hundred and Seventy-seventh street (Tremont avenue) to East One Hundred and Eighty-second street (Kingsbridge Road); Crescent avenue, from Arthur avenue to East One Hundred and Eighty-seventh street.

CONDITIONS OF SALE.

The buildings and parts of buildings, fences, etc., described in the following Catalogue, and now standing on lands acquired by the City will be sold at public auction on the ground, commencing at 10 a. m. on the date mentioned.

The sale will begin with, and in front of, premises No. 1 on the Catalogue and continue in the order enumerated. Only those parts of any building or fence standing within the limits of the streets as acquired by the City and shown on the maps will be sold.

The sale is on the condition that the buildings, fences, etc., sold shall be removed by the purchasers within thirty days from the date of sale; for a failure to do so, the purchase money may be forfeited, and the President at the expiration of that time may enter and remove the buildings and structures or cause a resale thereof. Purchasers to be liable for any or all damage of any kind whatsoever by reason of the occupancy or removal of said buildings, etc.

Purchase money must be paid in bankable funds, at the time of the sale.

LOUIS F. HAFEN,
President of the Borough of The Bronx.

84-17

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CORNER THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET, CROTONA PARK, NEW YORK, SEPTEMBER 2, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 11 o'clock a. m. on

MONDAY, SEPTEMBER 15, 1902.

No. 1. FOR PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF DAWSON STREET, FROM EAST ONE HUNDRED AND FIFTY-SIXTH STREET TO LONGWOOD AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 2,740 square yards of asphalt pavement, including binder course.
- 460 cubic yards of concrete.
- 1,200 linear feet of old curbstone, rejointed and reset.

The time allowed to complete the whole work is sixty working days.

The amount of security required for the faithful performance of the contract is five thousand dollars (\$5,000).

No. 2. FOR REPAVING WITH ASPHALT PAVEMENT ON THE PRESENT BLOCK PAVEMENT THE ROADWAY OF BERGEN AVENUE, FROM EAST ONE HUNDRED AND FORTY-SEVENTH STREET TO BROOK AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 6,300 square yards of asphalt pavement, including binder course.
- 6,600 square yards of old stone pavement, to be relaid as foundation, or in approaches, etc.

240 cubic yards of concrete.

3,550 linear feet of new bluestone curbstone, furnished and set.

500 linear feet of old curbstone, rejointed and reset.

The amount of security required for the faithful performance of the contract is seven thousand dollars (\$7,000).

The time allowed to complete the whole work is forty (40) working days.

No. 3. FOR REPAVING WITH ASPHALT PAVEMENT ON THE PRESENT

BLOCK PAVEMENT THE ROADWAY OF TINTON AVENUE, FROM EAST ONE HUNDRED AND SIXTY-FIFTH STREET TO EAST ONE HUNDRED AND SIXTY-SIXTH STREET.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 2,150 square yards of asphalt pavement, including binder course.
- 2,150 square yards of old stone pavement, to be relaid as foundation or in approaches, etc.

70 cubic yards of concrete.

450 linear feet of new bluestone curbstone, furnished and set.

800 linear feet of old curbstone, rejointed and reset.

The time allowed to complete the whole work is thirty (30) working days.

The amount of security required for the faithful performance of the contract is two thousand five hundred dollars (\$2,500).

No. 4. FOR REPAVING WITH ASPHALT PAVEMENT ON THE PRESENT BLOCK PAVEMENT THE ROADWAY OF EAST ONE HUNDRED AND SIXTY-SEVENTH STREET, FROM FOX STREET TO SIMPSON STREET.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 1,520 square yards of asphalt pavement, including binder course.
- 1,550 square yards of old stone pavement, to be relaid as foundation, or in approaches, etc.

32 cubic yards of concrete.

200 linear feet of new bluestone curbstone, furnished and set.

350 linear feet of old curbstone, rejointed and reset.

The time allowed to complete the whole work is twenty (20) working days.

The amount of security required for the faithful performance of the contract is two thousand dollars (\$2,000).

No. 5. FOR REPAVING WITH ASPHALT PAVEMENT ON THE PRESENT BLOCK PAVEMENT THE ROADWAY OF EAST ONE HUNDRED AND SIXTY-FIRST STREET, FROM CAULDWELL AVENUE TO UNION AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 3,820 square yards of asphalt pavement, including binder course.
- 3,850 square yards of old stone pavement, to be relaid as foundation, or in approaches, etc.

150 cubic yards of concrete.

2,150 linear feet of new bluestone curbstone, furnished and set.

500 linear feet of old curbstone, rejointed and reset.

The time allowed to complete the whole work is forty (40) working days.

The amount of security required for the faithful performance of the contract is five thousand dollars (\$5,000).

No. 6. FOR REPAVING A PORTION OF THE EASTERLY SIDE OF THIRD AVENUE, FROM EAST ONE HUNDRED AND SIXTY-FIRST STREET TO BOSTON ROAD, WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION AND REAJUSTING THE PRESENT BLOCK PAVEMENT WHERE REQUIRED.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 600 square yards of asphalt pavement, including binder course.
- 1,500 square yards of old granite block pavement, to be relaid with tar and gravel joints.
- 135 cubic yards of concrete.
- 100 linear feet of new bluestone curbstone, furnished and set.

The time allowed to complete the whole work is thirty (30) working days.

The amount of security required for the faithful performance of the contract is two thousand dollars (\$2,000).

No. 7. FOR PAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION THE ROADWAY OF EAST ONE HUNDRED AND THIRTY-FIFTH STREET, FROM THIRD AVENUE TO LINCOLN AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 350 linear feet of old curbstone, rejointed and reset (not to be bid for).
- 112 square feet of new bridge stone, furnished and laid (not to be bid for).
- 570 square yards of new granite block pavement on a sand foundation, laid with sand joints.

The time allowed to complete the whole work is twenty (20) consecutive working days.

The amount of security required for the faithful performance of the contract is five hundred dollars (\$500).

No. 8. FOR PAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION, THE ROADWAY OF EAST ONE HUNDRED AND FORTY-FIRST STREET, FROM ST. ANN'S AVENUE TO CYPRESS AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 600 linear feet of new curbstone, furnished and set (not to be bid for).
- 1,450 linear feet of old curbstone, rejointed and reset (not to be bid for).
- 800 square feet of new bridge stone, furnished and laid.

3,850 square yards of new granite block pavement, on a sand foundation, laid with sand joints.

The time allowed to complete the whole work is thirty (30) consecutive working days.

The amount of security required for the faithful performance of the contract is three thousand five hundred dollars (\$3,500).

No. 9. FOR PAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION, THE ROADWAY OF GERMAN PLACE, FROM RAE STREET TO BROOK AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

- 300 linear feet of new curbstone, furnished and set.
- 1,300 square feet of new flagging, furnished and laid.

2,500 square yards of new granite block pavement, on a sand foundation, laid with sand joints.

About 400 linear feet of new curbstone will be required, the cost to be included in price bid for granite block pavement.

The time allowed to complete the whole work is forty (40) consecutive working days.

The amount of security required for the faithful performance of the contract is two thousand five hundred dollars (\$2,500).

No. 10. FOR PAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION, THE ROADWAY

OF FOREST AVENUE, FROM HOME STREET TO EAST ONE HUNDRED AND SIXTY-EIGHTH STREET.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

1,150 square yards of new granite block pavement, on a sand foundation, laid with sand joints.

The time allowed to complete the whole work is thirty (30) consecutive working days.

The amount of security required for the faithful performance of the contract is one thousand dollars (\$1,000).

No. 11. FOR PAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION, THE ROADWAY OF SIMPSON STREET, FROM WESTCHESTER AVENUE TO FREEMAN STREET.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

6,775 square yards of new granite block pavement, on a sand foundation, laid with sand joints.

The time allowed to complete the whole work is sixty (60) consecutive working days.

The amount of security required for the faithful performance of the contract is five thousand dollars (\$5,000).

No. 12. FOR PAVING WITH GRANITE BLOCK PAVEMENT ON A SAND FOUNDATION, THE ROADWAY OF BRISTOW STREET, FROM BOSTON ROAD TO FREEMAN STREET.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

375 square feet of new bridgestone, furnished and laid.

3,550 square yards of new granite block pavement, on a sand foundation, laid with sand joints.

The time allowed to complete the whole work is fifty (50) consecutive working days.

The amount of security required for the faithful performance of the contract is three thousand dollars (\$3,000).

No. 13. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN HONEYWELL AVENUE, FROM EAST ONE HUNDRED AND SEVENTY-SEVENTH STREET TO EAST ONE HUNDRED AND EIGHTY-SECOND STREET.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

8,200 cubic yards of excavation.

2,200 cubic yards of rock excavation.

8,700 cubic yards of filling.

3,400 linear feet of new curbstone, furnished and set.

13,600 square feet of new flagging, furnished and laid.

1,350 square feet of new bridgestone for crosswalks, furnished and laid.

400 cubic yards of dry rubble masonry in retaining wall, culverts and gutters.

50 linear feet of vitrified stoneware pipe, 12 inches in diameter.

The time allowed to complete the whole work is one hundred (100) consecutive working days.

The amount of security required for the faithful performance of the contract is five thousand dollars (\$5,000).

No. 14. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN CLAY AVENUE, FROM PARK AVENUE TO WEBSTER AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

15,350 cubic yards of earth excavation.

34,260 cubic yards of rock excavation.

71,650 cubic yards of filling.

10,000 linear feet of new curbstone, furnished and set.

34,500 square feet of new flagging, furnished and laid.

1,380 square feet of new bridgestone for crosswalks, furnished and laid.

400 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

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

The time allowed to complete the whole work is four hundred consecutive working days.

The amount of security required for the faithful performance of the contract is forty thousand dollars (\$40,000).

No. 15. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN CLAY AVENUE, FROM WEBSTER AVENUE TO EAST ONE HUNDRED AND SEVENTY-SIXTH STREET.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

10,930 cubic yards of earth excavation.

3,500 cubic yards of rock excavation.

42,750 cubic yards of filling.

5,000 linear feet of new curbstone, furnished and set.

16,550 square feet of new flagging, furnished and laid.

1,510 square feet of old flagging, relaid.

2,130 square feet of new bridgestone for crosswalks, furnished and laid.

100 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

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

The time allowed to complete the whole work is two hundred and fifty consecutive working days.

The amount of security required for the faithful performance of the contract is fifteen thousand dollars (\$15,000).

No. 16. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN EAST ONE HUNDRED AND EIGHTY-FIFTH STREET, FROM WASHINGTON AVENUE TO PARK AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

200 cubic yards of excavation.

750 cubic yards of filling.

800 linear feet of new curbstone, furnished and set.

3,000 square feet of new flagging, furnished and laid.

200 square feet of old flagging relaid.

80 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

The time allowed to complete the whole work is twenty (20) consecutive working days.

The amount of security required for the faithful performance of the contract is one thousand dollars (\$1,000).

ful performance of the contract is one thousand dollars (\$1,000).

No. 17. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN PROSPECT AVENUE, FROM CROTONA PARK NORTH TO EAST ONE HUNDRED AND EIGHTY-NINTH STREET.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

9,250 cubic yards of earth excavation.

11,800 cubic yards of rock excavation.

39,500 cubic yards of filling.

11,075 linear feet of new curbstones, furnished and set.

45,700 square feet of new flagging, furnished and laid.

5,150 square feet of new bridgestone, for crosswalks, furnished and laid.

1,300 square yards of dry rubble masonry in retaining walls, culverts and gutters.

150 linear feet of vitrified stoneware pipe 12 inches in diameter.

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

The time allowed to complete the whole work is two hundred and fifty (250) consecutive working days.

The amount of security required for the faithful performance of the contract is twenty thousand dollars (\$20,000).

No. 18. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN BRIGGS AVENUE, FROM KINGSBRIDGE ROAD TO THE SOUTHERN BOULEVARD.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

3,600 cubic yards of earth excavation.

5,700 cubic yards of rock excavation.

34,325 cubic yards of filling.

6,830 linear feet of new curbstone, furnished and set.

27,450 square feet of new flagging, furnished and laid.

1,050 square feet of new bridgestone for crosswalks, furnished and laid.

950 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

50 linear feet of vitrified stoneware pipe 12 inches in diameter.

50 linear feet of vitrified stoneware pipe 18 inches in diameter.

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

The time allowed to complete the whole work is two hundred and fifty (250) consecutive working days.

The amount of security required for the faithful performance of the contract is twelve thousand dollars (\$12,000).

No. 19. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN EAST ONE HUNDRED AND SEVENTY-EIGHTH STREET, FROM BOSTON ROAD TO SOUTHERN BOULEVARD.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

950 cubic yards of earth excavation.

6,070 cubic yards of rock excavation.

11,550 cubic yards of filling.

3,640 linear feet of new curbstone, furnished and set.

13,780 square feet of new flagging, furnished and laid.

1,910 square feet of new bridgestone, for crosswalks, furnished and laid.

820 cubic yards of dry rubble masonry, in retaining walls, culverts and gutters.

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

The time allowed to complete the whole work is one hundred and fifty consecutive working days.

The amount of security required for the faithful performance of the contract is ten thousand dollars (\$10,000).

No. 20. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN EAST ONE HUNDRED AND FIFTY-FIRST STREET (BECK STREET), FROM BEACH AVENUE TO PROSPECT AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

1,600 cubic yards of earth excavation.

1,800 cubic yards of rock excavation.

600 cubic yards of filling.

780 linear feet of new curbstones, furnished and set.

3,360 square feet of new flagging, furnished and laid.

40 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

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

The time allowed to complete the whole work is one hundred consecutive working days.

The amount of security required for the faithful performance of the contract is two thousand dollars (\$2,000).

No. 21. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, PLACING FENCES AND LAYING MACADAM PAVEMENT IN MONROE AVENUE, FROM BELMONT STREET TO TREMONT AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

5,000 cubic yards of all kinds of excavation.

2,500 cubic yards of filling.

4,400 linear feet of new curbstone, furnished and set.

16,900 square feet of new flagging, furnished and laid.

1,300 square feet of new bridgestone for crosswalks, furnished and laid.

350 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

100 linear feet of vitrified stoneware pipe, 12 inches in diameter.

7,750 square yards of macadam pavement.

The time allowed for the completion of the whole work is one hundred (100) consecutive working days.

The amount of security required for the faithful performance of the contract is six thousand dollars (\$6,000).

No. 22. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN BELMONT PLACE, FROM THIRD AVENUE TO ARTHUR AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

5,000 cubic yards of all kinds of excavation.

2,500 cubic yards of filling.

4,400 linear feet of new curbstone, furnished and set.

16,900 square feet of new flagging, furnished and laid.

1,300 square feet of new bridgestone for crosswalks, furnished and laid.

350 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

100 linear feet of vitrified stoneware pipe, 12 inches in diameter.

2,300 cubic yards of earth excavation.

1,600 cubic yards of rock excavation.

700 cubic yards of filling.

820 linear feet of new curbstone, furnished and set.

3,230 square feet of new flagging, furnished and laid.

500 square feet of new bridgestone for crosswalks, furnished and laid.

100 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

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

The time allowed to complete the whole work is sixty consecutive working days.

The amount of security required for the faithful performance of the contract is two thousand dollars (\$2,000).

No. 23. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS AND LAYING MACADAM PAVEMENT IN EAST ONE HUNDRED AND SIXTY-FOURTH STREET, FROM SUMMIT AVENUE TO ANDERSON AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

2,300 cubic yards of earth excavation.

2,850 cubic yards of rock excavation.

1,500 cubic yards of filling.

1,400 linear feet of new curbstone, furnished and set.

100 linear feet of old curbstone, rejoined and reset.

5,800 square feet of new flagging, furnished and laid.

200 square feet of old flagging, relaid.

200 square feet of new bridgestone for crosswalks, furnished and laid.

50 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

50 linear feet of vitrified stoneware pipe, 12 inches in diameter.

2,350 square yards of macadam pavement on Telford foundation.

The time allowed to complete the whole work is sixty (60) consecutive working days.

The amount of security required for the faithful performance of the contract is three thousand dollars (\$3,000).

No. 24. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN EAST TWO HUNDRED AND SECOND STREET, FROM ANTHONY AVENUE TO BRIGGS AVENUE.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

3,600 cubic yards of earth excavation.

1,250 cubic yards of rock excavation.

2,600 cubic yards of filling.

1,775 linear feet of new curbstone, furnished and set.

6,450 square feet of new flagging, furnished and laid.

500 square feet of old flagging relaid.

400 square feet of new bridgestone for crosswalks, furnished and laid.

50 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

The time allowed to complete the whole work is sixty (60) consecutive working days.

The amount of security required for the faithful performance of the contract is two thousand five hundred dollars (\$2,500).

No. 25. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN TWO HUNDRED AND FIFTH STREET, FROM GRAND BOULEVARD AND CON COURSE TO MOSHOLU PARK WAY.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

2,300 cubic yards of earth excavation.

250 cubic yards of rock excavation.

3,400 cubic yards of filling.

1,500 linear feet of new curbstone, furnished and set.

5,800 square feet of new flagging, furnished and laid.

720 square feet of new bridgestone for crosswalks, furnished and laid.

300 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

The time allowed for the completion of the whole work is fifty (50) consecutive working days.

The amount of security required for the faithful performance of the contract is two thousand five hundred dollars (\$2,500).

No. 26. FOR COMPLETING THE EASTERLY APPROACHES TO THE BRIDGE OVER THE TRACKS OF THE NEW YORK AND HARLEM RAILROAD AT ONE HUNDRED AND FIFTY-THIRD STREET, PURSUANT TO CHAPTER 650, LAWS OF 1897.

The Engineer's estimate of the work to be done, and by which bids will be tested, is as follows:

350 cubic yards of filling.

300 linear feet of new curbstone, furnished and set.

1,150 linear feet of old curbstone, rejoined and reset.

960 square feet new flagging, furnished and laid.

4,840 square feet of old flagging relaid.

60 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

1,030 square yards of macadam pavement.

The time allowed for the completion of the whole work is forty (40) consecutive working days.

The amount of security required for the faithful performance of the contract is one thousand dollars (\$1,000).

No. 27. FOR REGULATING AND GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES, IN ONE HUNDRED AND SIXTY-EIGHTH STREET, FROM JEROME AVENUE TO THE GRAND BOULEVARD AND CON COURSE.

The Engineer's estimate of the work is as follows, viz:

2,600 cubic yards of earth excavation.

7,650 cubic yards of rock excavation.

8,200 cubic yards of filling.

2,040 linear feet of new curbstone, furnished and set.

8,310 square feet of new flagging, furnished and laid.

1,015 square feet of new bridgestone for crosswalks, furnished and laid.

181 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.

80 linear feet of vitrified stoneware pipe 12 inches in diameter.

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

The amount of security required is seven thousand and five hundred dollars (\$7,500).

The time allowed to complete the whole work is two hundred (200) working days.

The contracts must be bid separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract. Blank forms can be obtained upon application therefor, and the plans and specifications may be seen at said office.

LOUIS F. HAFEN,
President.

THE CITY OF NEW YORK, September 2, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

84,15

OFFICIAL BOROUGH PAPERS.

BOROUGH OF THE BRONX.

"Bronx Borough Record," "North Side News."

pointed in the above entitled proceeding, which report bears date the 22d day of July, 1902, was filed in the office of the Clerk of the County of New York on the 22d day of July, 1902.

Notice is further given that the said report includes and affects the claim mentioned and described therein as the claim of the heirs of William Whitlock, deceased.

Notice is further given that the said report will be presented for confirmation to the Supreme Court at a Special Term thereof, Part III., to be held in the First Judicial Department, at the County Court House, in The City of New York, Borough of Manhattan, on the 8th day of October, 1902, at the opening of the court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, September 13, 1902.
GEORGE L. RIVES,
Corporation Counsel, No. 2 Tryon Row, Borough of Manhattan, City of New York.

s15,08

In the matter of the application and petition of Seth Low, Edward M. Grout, Alexander E. Orr, Charles Stewart Smith, Morris K. Jessup, John H. Starin, Woodbury Langdon and John Clafin, constituting the Board of Rapid Transit Railroad Commissioners of The City of New York, for and on behalf of the said City, for the appointment of Commissioners of Appraisal, under chapter 4, of the Laws of 1891, and the various statutes amendatory thereof and supplemental thereto, relative to lands situated on the westerly side of FOURTH AVENUE, between Eighth and Ninth streets, in The City of New York, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT IT IS the intention of the Corporation Counsel of The City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal under chapter 4 of the Laws of 1891 and the various statutes amendatory thereof and supplemental thereto at a Special Term of said Court, Part I., to be held at the County Courthouse in The City of New York, Borough of Manhattan, on the 30th day of September, 1902, at the opening of the Court on that day, for the appointment of three disinterested freeholders, residents of The City of New York, as Commissioners of Appraisal to ascertain and appraise the compensation to be made to the owners and all persons interested in the real property, rights, franchises, easements or privileges sought to be taken or affected for the purposes indicated in said chapter 4 of the Laws of 1891, and the various statutes amendatory thereof and supplemental thereto.

The real property affected is located in The City of New York, Borough of Manhattan, and a fuller statement setting forth the location and boundaries of the several lots or parcels of property and rights, franchises, easements or privileges sought to be taken or affected is annexed to similar maps thereof adopted and approved by the Board of Rapid Transit Railroad Commissioners on the 10th day of July, 1902, and which said maps were filed one in the office of the Chief Executive Department of the City of New York, having principal charge of the streets, on the 23d day of July, 1902; one in the office of the Register of the County of New York on the 1st day of August, 1902, and one in the office of the Board of Rapid Transit Railroad Commissioners on the 23d day of July, 1902. It is sought to obtain in this proceeding a permanent and perpetual underground right, easement and right of way under the following described premises:

Beginning at the intersection of the northerly line of Eighth street with the westerly line of Fourth avenue; thence running westerly along said northerly line of Eighth street a distance of ninety-one feet six inches; thence running northerly along a curve with its convexity to the east of about 860 feet radius to the southerly line of Ninth street, a distance of about 189 feet; thence running easterly along said southerly line of Ninth street to its intersection with the above mentioned westerly line of Fourth avenue, a distance of fourteen feet six inches; thence running southerly along said westerly line of Fourth avenue a distance of 199 feet, to the place of beginning.

Dated New York, August 16, 1902.

GEORGE L. RIVES,
Corporation Counsel,
No. 2 Tryon row.

a18,19,25,26; s2,3,8,9,15,16,22,23,29,30.

In the matter of the application and petition of Seth Low, Edward M. Grout, Alexander E. Orr, Charles Stewart Smith, Morris K. Jessup, John H. Starin, Woodbury Langdon and John Clafin, constituting the Board of Rapid Transit Railroad Commissioners of The City of New York, for and on behalf of said City, for the appointment of Commissioners of Appraisal under chapter 4 of the Laws of 1891, and the various statutes amendatory thereof and supplemental thereto, relative to lands situated on the easterly side of BROADWAY between One Hundred and Third and One Hundred and Fourth streets, in The City of New York, Borough of Manhattan.

NOTICE IS HEREBY GIVEN THAT IT IS the intention of the Corporation Counsel of The City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal under chapter 4 of the Laws of 1891, and the various statutes amendatory thereof and supplemental thereto, at a Special Term of said Court, Part I., to be held at the County Courthouse in The City of New York, Borough of Manhattan, on the 30th day of September, 1902, at the opening of the court on that day, for the appointment of three disinterested freeholders, residents of The City of New York, as Commissioners of Appraisal, to ascertain and appraise the compensation to be made to the owners and all persons interested in the real property, rights, franchises, easements or privileges sought to be taken, or affected for the purposes indicated in said chapter 4 of the Laws of 1891, and the various statutes amendatory thereof and supplemental thereto.

The real property affected is located in The City of New York, Borough of Manhattan, and a fuller statement setting forth the location and boundaries of the several lots or parcels of property and rights, franchises, easements or privileges sought to be taken or affected is annexed to similar maps thereof adopted and approved by the Board of Rapid Transit Railroad Commissioners on the 13th day of June, 1901, and which said maps were filed, one in the office of the Chief Executive Department of the City of New York, having principal charge of the streets, on the 5th day of August, 1902, one in the office of the Register of the County of New York on the 15th day of November, 1901, and one in the office of the Board of Rapid Transit Railroad Commissioners on the 13th day of June, 1901.

It is sought to obtain in this proceeding a permanent and perpetual underground right easement and right of way under the following described premises:

Beginning at a point in the easterly line of

Broadway a distance of forty-nine feet nine and one-half inches north of the northerly line of West One Hundred and Third street; running thence northerly along the easterly line of Broadway a distance of fifty-two feet to the boundary between Lots Nos. 20 and 46½, as shown upon the maps above referred to; thence running easterly along the boundary line between said Lots Nos. 20 and 46½, and along the boundary line between Lots Nos. 22 and 46½, as shown upon said maps, a distance of forty-four feet, and thence running in a southwesterly direction along a railroad curve of radius 325 feet, as shown upon said maps, a distance of about sixty-four feet, to the point of beginning.

Dated New York, August 16, 1902.

GEORGE L. RIVES,
Corporation Counsel,
No. 2 Tryon row.

a18,19,25,26; s2,3,8,9,15,16,22,23,29,30.

SECOND DEPARTMENT.

In the matter of the application of the Board of Education by the Corporation Counsel of The City of New York, relative to acquiring title by The City of New York to certain lands situated on BLECKER STREET, CYPRESS AVENUE and RALPH STREET, in the Second Ward of the Borough of Queens, in The City of New York, duly chosen and determined as a site for school purposes by the School Board for the Borough of Queens, and approved by the Board of Education as provided by law.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate in the above-entitled matter, hereby give notice to the owner or owners, lessees or lessees, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons respectively entitled to or interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate, or who may object to the same, or any part thereof, may, within ten days after the first publication of this notice, September 9, 1902, file their objections to such estimate in writing with us, at our office, Room No. 401, at No. 258 Broadway, in the Borough of Manhattan, in the said City, and we, the said Commissioners, will hear parties so objecting at our said office on the 22d day of September, 1902, at 3 o'clock in the afternoon, and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof for the hearing of motions, in the County of Kings, at the County Courthouse, in the Borough of Brooklyn, on the 8th day of October, 1902, at the opening of the court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that said report be confirmed.

Dated, New York, September 8, 1902.

GEORGE L. GLASER,
WILLIAM H. GREENE,
JOHN S. SHEA,
Commissioners.

JOSEPH M. SCHENCK, Clerk. s9,19

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to HEMLOCK STREET, from Jamaica avenue to Atlantic avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT William O. Campbell, E. V. Pardessus and George H. McVey were appointed by an order of the Supreme Court, made and entered the 26th day of August, 1902, Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 26th day of September, 1902, on the opening of Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, September 5, 1902.

GEORGE L. RIVES,
Corporation Counsel.

s9-19.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to LINCOLN AVENUE, from Atlantic avenue to Conduit avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT Henry Marshall, James Taylor and Thomas Fitchie were appointed by an order of the Supreme Court, made and entered the 26th day of August, 1902, Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 26th day of September, 1902, on the opening of Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, September 5, 1902.

GEORGE L. RIVES,
Corporation Counsel.

s9-19.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to GATLING PLACE, from Eighty-sixth street to Ninety-second street, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT Theodore B. Gates, Bernard S. Mintz and Reuben L. Haskell were appointed by an order of the Supreme Court, made and entered the 26th day of August, 1902, Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 26th day of September, 1902, on the opening of Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, September 5, 1902.

GEORGE L. RIVES,
Corporation Counsel.

s9-19.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to EIGHTY-FIFTH STREET, from Narrows avenue to Fifth avenue, from Fort Hamilton avenue to Tenth avenue, from Twelfth avenue to Waters avenue, from Fifteenth avenue to Sixteenth avenue, and from Eighteenth avenue to Stillwell avenue, in the Thirtieth and Thirty-first Wards, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT Jabez M. Lyle, James E. Adams and Edward C. Dowling were appointed by an order of the Supreme Court, made and entered the 26th day of August, 1902, Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 26th day of September, 1902, on the opening of Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, September 5, 1902.

GEORGE L. RIVES,
Corporation Counsel.

s9-19.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to EIGHTY-FOURTH STREET, from First avenue to Fourth avenue, from Seventh avenue to Tenth avenue, from Twelfth avenue to Seventeenth avenue, and from Eighteenth avenue to Stillwell avenue, in the Thirtieth and Thirty-first Wards, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT Thomas H. Stewart, Walter E. Parfitt and Wilton C. Donn were appointed by an order of the Supreme Court, made and entered the 26th day of August, 1902, Commissioners of Estimate and Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House, in the Borough of Brooklyn, The City of New York, on the 26th day of September, 1902, on the opening of Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter 17 of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, September 5, 1902.

GEORGE L. RIVES,
Corporation Counsel.

s9-19.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to EAST TWENTY-FIRST STREET, from Albee road to Regent place, in the Twenty-ninth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 31st day of December, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 8th day of January, 1902, and indexed in the Index of Conveyances in Section 16, Blocks 5124 and 5125, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 2d day of October, 1902, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated BOROUGH OF BROOKLYN, THE CITY OF NEW YORK, September 4, 1902.

JOHN S. GRIFFITH,
SOLON BARBANELL,
SAMUEL K. KELLOCK,
Commissioners.

CHAS. S. TABER,
Clerk.

s8-30.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to EIGHTY-FIRST STREET, from Fourth avenue to Fourteenth avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT we, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 11th day of September, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 14th day of September, 1901, and indexed in the Index of Conveyances, in Section 18, Blocks 5989, 5990, 5991, 5992, 5993, 5998, 5999, 6000, 6001, 6002; Section 19, Blocks 6278, 6279, 6280, 6290, 6291, 6292, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by Title 4 of Chapter XVII. of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 6th day of October, 1902, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated BOROUGH OF BROOKLYN, THE CITY OF NEW YORK, September 4, 1902.

JAMES W. REDMOND,
EUGENE V. DALY,
PETER F. LYNAM,
Commissioners.

CHAS. S. TABER,
Clerk.

s8-30.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to SIXTY-SEVENTH STREET, from Kowenhoven lane to Fort Hamilton avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 11th day of September, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 14th day of September, 1901, and indexed in the Index of Conveyances in Section 18, Blocks 5844, 5845, 5856, 5857, 5846 and 5858; Section 17, Blocks 5756, 5757, 5763 and 5764, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 2d day of October, 1902, at 3 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated Borough of Brooklyn, The City of New York, September 4, 1902.

WM. H. WHITE,
JOHN W. FOX,
EDWIN A. ROCKWELL,
Commissioners.

CHAS. S. TABER,
Clerk. s8-30.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to KNICKERBOCKER AVENUE, from Putnam avenue to Moffat street, in the Twenty-eighth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 12th day of May, 1902, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 20th day of May, 1902, and indexed in the Index of Conveyances in Section 11, Blocks 3377, 3378, 3384, 3385, 3391, 3392, 3398, 3399, 3405, 3406, 3412, 3413, 3418, 3419, 3424, 3425, 3430, 3431, 3436, 3437, 3442 and 3443, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 4th day of October, 1902, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated Borough of Brooklyn, The City of New York, September 4, 1902.

GEORGE B. ABBOTT,
SIMON B. CHITTENDEN,
ROBERT J. WILKIN,
Commissioners.

CHAS. S. TABER,
Clerk. s8-30.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to EAST TWENTY-SECOND STREET, from Avenue M to Avenue L, in the Thirty-second Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 31st day of December, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 8th day of January, 1902, and indexed in the Index of Conveyances in Section 23, Blocks 7622, 7621, 7640, 7639, 7658 and 7657, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefits, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 4th day of October, 1902, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

tion thereto, and examine proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated Borough of Brooklyn, The City of New York, September 4, 1902.

HERSEY EGGINTON,
GEORGE W. MARTIN,
Commissioners.

CHAS. S. TABER,
Clerk. s8-30.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to FIFTY-FIRST STREET, from former City line to Ninth avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 31st day of December, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 8th day of January, 1902, and indexed in the Index of Conveyances in Section 3, Blocks 794 and 802; Section 17, Blocks 5644, 5645, 5651 and 5652, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 4th day of October, 1902, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated Borough of Brooklyn, The City of New York, September 4, 1902.

JOSEPH A. GUIDER,
JOHN T. ENO,
Commissioners.

CHAS. S. TABER,
Clerk. s8-30.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to PARK PLACE, from Utica avenue to East New York avenue, in the Twenty-fourth and Twenty-sixth Wards, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 30th day of March, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 8th day of April, 1901, and indexed in the Index of Conveyances in Section 5, Blocks 1367, 1368, 1369, 1373, 1374, 1375, 1462, 1463, 1464, 1465, 1466, 1467, 1468 and 1469, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 3d day of October, 1902, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto, and examine proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated Borough of Brooklyn, The City of New York, September 4, 1902.

GEORGE J. O'KEEFE,
ALEX. CAMERON,
Commissioners.

CHAS. S. TABER,
Clerk. s8-30.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of HIGHBRIDGE PARK, between West One Hundred and Fifty-fifth street and the centre line of West One Hundred and Fifty-ninth street and east of the Speedway, in the Twelfth Ward, Borough of Manhattan, City of New York.

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

First.—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of September, 1902, and that we the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at our said office on the 29th day of September, 1902, at 2 o'clock p. m.

Second.—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 6th day of October, 1902.

Third.—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 14th day of October, 1902, at the opening of the Court on that day.

Dated Borough of Manhattan, New York August 25, 1902.

S. OSGOOD PELL,
JOHN H. LITTLE,
Commissioners.

JOHN P. DUNN,
Clerk. s5-23.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening PILLING STREET, between Evergreen avenue and the tracks of the Manhattan Beach Railroad, in the Twenty-eighth Ward in the Borough of Brooklyn of The City of New York, as the same has been heretofore laid out.

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

First.—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objection thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, Room 20, Borough Hall, in the Borough of Brooklyn, in The City of New York, on or before the 19th day of September, 1902, and that we the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at our said office on the 22d day of September, 1902, at 2 o'clock p. m.

Second.—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York in the Borough of Brooklyn, Room 20, Borough Hall, in the Borough of Brooklyn, in The City of New York, there to remain until the 29th day of September, 1902.

Third.—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point on the northeasterly side of Evergreen avenue, distant 100 feet northerly from the northerly side of Pilling street; running thence northeasterly, parallel with Pilling street, to land of the New York and Manhattan Beach Railway Company; running thence southerly along the land of the New York and Manhattan Beach Railway Company to a point where the westerly side of said lands intersect the centre line of the block between Pilling street and Granite street; running thence westerly along said centre line to the northeasterly side of Evergreen avenue; and thence northerly along the northeasterly side of Evergreen avenue to the point or place of beginning.

Fourth.—That our report herein will be presented to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn in The City of New York, on the 11th day of October, 1902, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Brooklyn, The City of New York, August 20, 1902.

JOSEPH E. OWENS,
EDWIN A. ROCKWELL,
Commissioners.

CHAS. S. TABER, Clerk. a29,516

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK, 1899.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

CHAS. D. BLATCHFORD,
Property Clerk.

POLICE DEPARTMENT—CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE DEPUTY Property Clerk of the Police Department of The City of New York—Office, Municipal Building, Borough of Brooklyn—for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

EDWARD E. DOONON,
Deputy Property Clerk.

BOARD MEETINGS.

The Board of Estimate and Apportionment meet in the old Council Chamber (Room 16), City Hall, every Friday at 10 o'clock a. m.

JAMES W. STEVENSON,
Deputy Comptroller, Secretary.

The Commissioners of the Sinking Fund meet in the old Council Chamber (Room 16), City Hall, every Wednesday at 2 o'clock p. m.

N. TAYLOR PHILLIPS,
Deputy Comptroller, Secretary.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Annual subscription, \$9.30, postage prepaid.

PHILIP COWEN, Supervisor.

COMMISSIONERS OF THE SINKING FUND.

PUBLIC NOTICE.

To all whom it may concern:

Notice is hereby given that pursuant to and in accordance with the provisions of section 205 of the Greater New York Charter, the Commissioners of the Sinking Fund have, by resolution adopted August 21, 1902, assigned and designated the entire upper floor of the Brooklyn Athenaeum and Reading Room Building, corner Clinton street and Atlantic avenue, Borough of Brooklyn, being the auditorium and ante-rooms, and the main hall on the second floor and the two rooms connecting therewith, front and rear, as the place where the Court of Special Sessions shall be held in the Borough of Brooklyn pending and during the period required to make repairs to the Borough Hall.

By order of the Commissioners of the Sinking Fund.

DEPARTMENT OF FINANCE, CITY OF NEW YORK, COMPTROLLER'S OFFICE, 280 Broadway, September 2, 1902.

EDWARD M. GROUT,
Comptroller.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICES TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said department, and read, and the award of the contract made according to law as soon thereafter as practicable. Each bid or estimate shall contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the board of aldermen, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to The City.

The contracts must be bid for separately. The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of The City so to do.

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

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by The City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application thereto at the office of the department for which the work is to be done. Plans and drawings of construction work may also be seen there.