

THE CITY RECORD.

VOL. XXXI.

NEW YORK, FRIDAY, JULY 24, 1903.

NUMBER 9,187.

THE CITY RECORD,

OFFICIAL JOURNAL OF THE CITY OF NEW YORK.

Published Under Authority of Section 1526, Greater New York Charter, by the
BOARD OF CITY RECORD.

SETH LOW, MAYOR.

GEORGE L. RIVES, CORPORATION COUNSEL.

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Published daily, except legal holidays.

Subscription, \$9.30 per year, exclusive of supplements. Three cents per copy.

SUPPLEMENTS: Civil List (containing names, salaries, etc., of the city employees), 25 cents; Canvass, 10 cents; Registry Lists, 5 cents each Assembly District; Law Department and Finance Department supplements, 10 cents each.

Published at Room 2, City Hall (north side), New York City.
Entered as Second-class Matter, Postoffice at New York City.

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FIRE DEPARTMENT.

ANNUAL REPORT FOR THE YEAR 1902.

Headquarters Fire Department, City of New York,
Nos. 157 and 159 East Sixty-seventh Street,
Borough of Manhattan, May 18, 1903.

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

Sir—In compliance with the requirements of section 1544 of the Greater New York Charter, I have the honor to transmit herewith the report of the operations and action of the Fire Department of The City of New York for the three months and year ending December 31, 1902.

Yours respectfully,

THOMAS STURGIS, Fire Commissioner.

Appropriations (Including Transfers), Expenditures and Balances, for the Year Ending December 31, 1902.

BOROUGH OF MANHATTAN AND THE BRONX.

Title of Appropriation.	Appropriation for Year 1902.	Total Amount Vouchers Certified to Comptroller, to Date.	Balance of Appropriation.
Headquarters payroll.....	\$54,719 24	\$54,700 68	\$18 56
Bureau Chief of Department payroll.....	86,011 64	85,949 13	62 51
Engine and Hook and Ladder companies payroll.....	2,057,252 50	2,057,121 00	131 50
Bureau of Combustibles payroll.....	20,538 96	20,521 98	16 98
Bureau of Fire Marshal payroll.....	17,455 64	17,398 36	57 28
Fire Alarm Telegraph Branch payroll.....	55,128 32	55,097 85	30 47
Repair Shops payroll.....	74,073 96	73,679 57	394 39
Hospital and Training Stables payroll.....	11,258 00	11,217 29	40 71
Superintendent of Buildings Branch payroll.....	11,326 50	11,280 41	46 09
Apparatus, Supplies, etc.....	402,115 22	323,347 19	78,768 03
Repairs to Fireboat "Zophar Mills".....	15,000 00		15,000 00
Two new Fireboats.....	150,000 00		150,000 00
Total.....	\$2,954,879 98	\$2,710,313 46	\$244,566 52

BOROUGH OF RICHMOND.

Title of Appropriation.	Appropriation for Year 1902.	Total Amount Vouchers Certified to Comptroller, to Date.	Balance of Appropriation.
Maintenance Volunteer Companies.....	\$46,000 00	\$46,000 00	

BOROUGH OF BROOKLYN AND QUEENS.

Title of Appropriation.	Appropriation for Year 1902.	Total Amount Vouchers Certified to Comptroller, to Date.	Balance of Appropriation.
Headquarters payroll.....	\$28,069 40	\$28,041 75	\$27 65
Bureau Chief of Department payroll.....	85,100 00	83,818 39	1,281 61
Engine and Hook and Ladder Companies payroll.....	1,601,775 00	1,600,035 68	1,739 32
Bureau of Combustibles payroll.....	15,319 52	15,293 30	26 22
Bureau of Fire Marshal payroll.....	9,432 98	8,969 19	463 79
Fire Alarm Telegraph Branch payroll.....	28,798 12	28,287 03	511 09
Repair Shops payroll.....	36,398 00	35,685 90	712 10
Hospital and Training Stables payroll.....	4,257 50	4,127 50	130 00
Apparatus, Supplies, etc.....	326,790 50	186,574 47	140,216 03
Maintenance Volunteer Companies (Borough of Queens).....	64,000 00	64,000 00	
Total.....	\$2,199,941 02	\$2,054,833 21	\$145,107 81

Statement of condition of bond issue funds, Boroughs of Manhattan and The Bronx, December 31, 1902.

For Sites, Buildings and Telegraph System (Corporate Stock)—(Chapter 76, Laws of 1894, as Amended by Chapter 751, Laws of 1896; Section 48, Chapter 378, Laws of 1897).

Year.	Amount of Proceeds of Issue.	Amount Expended.	Balance.
1897.....	\$300,000 00	\$299,494 80	\$505 11
1899.....	318,300 00	311,787 25	6,512 75
1901.....	800,000 00	69,022 94	730,977 06
Totals.....	\$1,418,300-00	\$680,305 08	\$737,994 92

For Repairs to Fireboats "The New Yorker" and "Zophar Mills" (Special Revenue Bonds)—(Subdivision 8, Section 188, Chapter 378, Laws of 1897).

Year.	Amount of Proceeds of Issue.	Amount Expended.	Balance.
1901.....	\$75,000 00	\$38,869 00	\$36,131 00

BOROUGH OF RICHMOND.

Of the Special Revenue Bond Fund of \$25,300, authorized during the current year by the Board of Estimate and Apportionment at the request of the Board of Aldermen, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, for the establishment, equipment and maintenance of a telegraph system for this borough, the sum of but \$787.75 has been expended during the year (for salaries and incidental supplies), the contract for installing and completing the system not having been awarded until December 31, 1902, and the formalities attendant upon the execution having necessarily to be deferred until the early part of the coming year.

The additional fund of \$25,000, authorized for the like purpose, remained intact at the end of the year, the Board of Aldermen having not up to that time concurred in the resolution of the Board of Estimate and Apportionment granting the request of this Department for its use for the purchase of apparatus, horses, hose and equipment.

BOROUGH OF BROOKLYN AND QUEENS.

For Sites and Buildings (Corporate Stock)—(Section 48, Chapter 378, Laws of 1897).

Year.	Amount of Proceeds of Issue.	Amount Expended.	Balance.
1901.....	\$256,161 31	\$6,490 00	\$249,671 31

BOROUGH OF QUEENS.

For the Building, Construction, Repairing and Maintenance of a Fire Alarm Telegraph System for the Second, Third, Fourth and Fifth Wards of the Borough of Queens (Special Revenue Bonds)—(Subdivision 8, Section 188, Chapter 400, Laws of 1901).

Year.	Amount of Proceeds of Issue.	Amount Expended.	Balance.
1902.....	\$45,000 00	\$4,948 26	\$40,051 74

SUMMARY OF LEADING INCIDENTS AND EVENTS OF THE YEAR.

Policy of the Administration.

Upon assuming the duties of his office on January 1, 1902, the Commissioner directed the promulgation of a circular to the uniformed force, calling attention to the objects sought to be accomplished under his administration and the principles which would control it. These were, briefly, the highest possible efficiency of fire service and careful economy in expenditure consistent with such service and with progressive methods. The uniformed force was also informed that promotions and other rewards would be made or given for merit only and in accordance with the rules and eligible lists of the Civil Service; that transfers would be made with two objects: the good of the service and to bring the men nearer to their homes, when possible. The principles laid down by the Commissioner have been faithfully observed, and the result is a general spirit of content and satisfaction throughout the uniformed force and the conviction that they are being fairly and squarely treated, and without bias and favoritism.

Reduced Fire Losses.

In the boroughs of Manhattan and The Bronx there occurred during the past year 5,640 fires, involving a loss of \$4,283,111, which is \$1,297,724, or more than 23 3/4 per cent., less than the aggregate loss in the same territory during the year 1901, and \$1,297,724 less than the lowest loss in any year since 1898. The average loss per fire for the past year in these boroughs was \$759.42, which is \$251.79, or over 24 per cent., less than during 1901, and less per fire than that of any year since 1893.

In the boroughs of Brooklyn and Queens, during the year 1902, with 2,861 fires, the total loss was \$2,487,580, which is \$445,259, or 15 per cent., less than the loss in these two boroughs during the preceding year. The average loss per fire during the past year was \$869.47, which is \$224.06, or 20 1/2 per cent., less than during 1901.

Combining the reports of the four boroughs, the result is that, with a total of 8,501 fires, the fire losses of 1902 are less in total by the sum of \$1,742,983 than those of 1901, and less than any year since 1898; and, further, that the average loss per fire throughout the four boroughs is \$196.70 less than that of any year since 1893. The reduction is so large, being 21 per cent. in all four boroughs, from that of the year next preceding, that if it were compared only with one year it might be reasonably assumed that it was due to special causes, and could not be regarded as being justly entitled to the credit which appears upon its face; but inasmuch as the comparison is extended to four years preceding, it is evident that conditions are at work to which at least is partially due the great saving thus effected.

These reasons are not far to seek. Broadly speaking, they are the increased efficiency of the uniformed force and primarily the credit belongs to its officers and members. Underlying that are the conditions which go to make up this efficiency of the uniformed force. They are found in the factors which contribute to the well-doing, satisfaction and contentment of the men of all grades, and which thereby stimulate their energy and enthusiasm. These are honest and impartial treatment and the absence of favoritism on the part of the Commissioner; strict discipline, tempered with sympathy and consideration for the hardships of their exacting profession; houses made as comfortable as circumstances will permit; an ample supply of sound and powerful horses and plenty of good apparatus—the tools of their profession—with which to do their work. Disclaiming what may appear to be egotistical, it should be added that the constant presence and watchfulness of the Commissioner, who has not left the city for a week during the past twelve months, have prevented the laxity which existed under the last administration and which was marked by the frequent and often long continued absence of the Commissioner, of the Chief of Department and possibly others of the higher officials from fire service. The conviction that promotions are now being governed by merit and distinguished service, and not, as under the late administration, by influence, political pull or any direct money consideration, has reawakened in the Department the fine spirit of generous competition and rivalry which was perishing, and which converts a perfunctory service into one of magnificent energy and heroic effort. Men do not risk life when the road to promotion and power lies in a wholly different and easier direction.

As illustrative of the other phase of the subject nothing is more discouraging to a fireman than to have the hose pipes, upon which are dependent not only the extinguishing of the fire, but oftentimes the preservation of the lives of himself and comrades, bursting frequently in his hands. Such occurrences often repeated deprive the men of confidence in their principal weapon, and they fear to go where its absolute reliability is necessary. During the past administration much inferior hose was purchased under circumstances which have become a matter of public notoriety, and have been made the subjects of indictments for conspiracy. Nothing other than first-class material of this kind has been purchased during this administration. These comments are equally applicable to scaling ladders and all other apparatus in daily use. The stock of hoses had been allowed to deteriorate in numbers and quality. It is to-day more thoroughly equipped than ever before in the opinion of the older officers.

A further interesting comment is suggested by an analysis of the criminal portion of the work of the Fire Marshal's Bureau. The present incumbent of the office in the boroughs of Manhattan, The Bronx and Richmond found upon taking office that six unfinished cases were upon the records, and that out of the 33 arrests for suspected incendiarism during the year 1901, 26 cases had resulted in dismissal or acquittals and but one conviction obtained. The year 1902 closes with only one pending case upon the records of his office, there having been in all 41, and the remainder having been disposed of with the result that 19 convictions were obtained (three of them being found to be cases of insanity, though no less dangerous on that account), as contrasted with the one conviction during 1901—a condition of affairs due primarily to the skill and energy of the present Fire Marshal.

In the boroughs of Brooklyn and Queens similar improvements are seen to have been effected, there having been convictions or commitments to asylums in three cases, against none for 1901, and only one case undisposed of at the end of 1902, against five at the close of the year 1901.

Perhaps no greater danger threatens the people of the City than the acts of the deliberate incendiary, performed, as is usually the case, during the night when the occupants of buildings are asleep. The seriousness of the offence is recognized by the Legislature, which has attached a very long period of imprisonment to a conviction for arson, varying from fifteen to forty years.

The work of the Fire Marshal's Bureau is doubly useful in that it not only removes from the community a class of professional incendiaries, but also in the deterrent effect it produces upon those contemplating the crime of arson. In a minor degree the work is also of vast importance to the insurance companies.

Promotions in the Uniformed Force.

On April 22 the Commissioner issued a circular to the uniformed force stating that it had come to his knowledge that men who had obtained a high rating on the eligible list for promotion had been passed over by the preceding administration, and that others lower on the list had been appointed in their stead; that under Rule 29 of the Municipal Civil Service Commission a name three times passed over in this manner lost its place on the list, but at the special request of the Commissioner names would be re-certified; that he believed injustice had been done in some, and perhaps in many, instances, and wishing to correct the same so far as in his power, he authorized the members of the uniformed force whose cases fell within these conditions to present the facts in writing. As a result of this many communications were received, and Deputy Chief of Department Cashman, Battalion Chiefs Clark and Gray, Foremen Fitzgerald, Hauck, Spillane, Lampert and McClymont, and Assistant Foremen Weber, Regan, Schimbersky, Roxbury, Craco, Smith, Walsh, Ruckholdt, Link and Haggerty, who had been passed over, have been promoted. Since January 1 promotions in the uniformed force have been made on the basis of merit alone, the practice of failing to promote those who were without political or other influence having been done away with, and such will continue to be the policy of the administration.

Restored to Duty in the Uniformed Force.

An Engineer of the Department, doing duty in the borough of Brooklyn, because he testified before the Lexow Committee concerning attempts to coerce members of the uniformed force into paying political assessments, after several months of persecution, was dismissed from the Department on perjured testimony. An act authorizing a rehearing of the case passed the Legislature and, after receiving the approval of Mayor Low, was signed by Governor Odell. The man in question, after a thorough rehearing of his case was reinstated, and his persecutors—the Foreman and Assistant Foreman of the Company in which he was serving at the time—were placed on trial for the part they took in the affair, and after a fair and impartial hearing, at which their guilt was fully demonstrated, were dismissed the service of the Department.

Political Assessments.

In years past it had been the custom at election time to assess members of the uniformed force for political purposes. To do away with this practice, the Commissioner, on October 2d last, issued a circular calling attention to section 24 of the Civil Service Law, forbidding the levying or collection of political assessments, and after warning the members of the force against making such contributions, notified them they would have his support in rejecting demands for such exactions.

Trial and Dismissal of the Chief of Department.

The trial and dismissal from the uniformed force of Chief of Department Edward F. Croker is a matter of too recent occurrence to require extended notice, and yet is of such importance that it cannot be omitted from a review of the past year. After a long, exhaustive, patient and impartial trial, the Chief was found guilty of having, with disastrous result, suspended the operation of one or more important and essential statutes which it was his duty to enforce, and of violating important rules and regulations of the Department which it was incumbent upon him, as the highest officer of the uniformed force, most strictly to observe. His offenses may be briefly summarized as: Incapacity, both from temperament and acquirements, to control great conflagrations; a perverted view of the obligations of a public trust, which permitted him to use City property for the use of himself and his friends; insubordination to superior authority; and, lastly, a desire for self-aggrandizement and personal power which was so absorbing as to lead him to prostitute all the powers of his great position to that end. During the three years of his incumbency he labored to establish a personal following, to the sacrifice of the welfare of the men of the Department as a whole. Friends were honored and adherents and followers favored, while others were remorselessly punished, and those who would not be subservient were made to feel the weight of his displeasure in their daily lives. His removal lifts a baneful influence from the Department, and now that both favoritism and tyranny are removed the efficiency and contentment of the force will be increased in that degree which naturally results from opening the prizes of the Fireman's profession to every man who merits them, without fear, favor or invidious preference.

Manhattan Fire Alarm Company.

On the 21st day of February, 1902, the Commissioner revoked the permit granted to the Manhattan Fire Alarm Company in October, 1895, to connect various classes of buildings in this City with the telegraphic system of the Department by means of the City's wires. The law, as it then stood, authorized the Board of Fire Commissioners to require the owners of buildings of the classes referred to to provide such means of communicating alarms of fire as the Board might prescribe. There were several companies engaged in this line of business at the time, but all up to that date had maintained their wires in subways at their own cost, which entailed upon them an expense of a very considerable sum of money annually. The permit thus granted to the Manhattan Fire Alarm Company was not only a violation of the law prohibiting the conversion of public property to private use, but it gave to this company an undue advantage over its competitors as well by allowing it to use the City property without compensation. Owing to a change in the complexion of the Board the company did but a meagre business until the advent of the Tammany administration in 1898, when the then Commissioner, by an arbitrary and improper use of the power given him under the provisions of section 762 of the Charter, compelled hundreds of apartment houses, whose character did not necessitate especial precautions, to establish telegraphic connection with the Department Headquarters, under penalty of a fine of \$50 for non-compliance. The bulk of this business was done by the Manhattan Fire Alarm Company, which was specially favored by the Department (which refused to permit any other apparatus in many cases), and continued to enjoy its monopoly until the present Commissioner revoked the permit under which it operated, with the result that the City's telegraph lines will not hereafter be used by private corporations, and thousands of property owners, whose buildings

do not require special protection of this character, are freed from paying tribute to a private company. Ample facilities to furnish all the special protection required are provided by independent companies and by the Department.

Improvement of the Telegraph System.

Shortly after assuming the duties of his office, the Commissioner learned that the telegraph circuits in the borough of Manhattan were greatly overcrowded with alarm boxes, and that steps must be taken to increase the efficiency of the service by installing additional cables, thus duplicating the circuits and reducing the number of boxes by half on each of the existing number of circuits; that all of the conductors in cables were in use, and that no additional circuits could be established until new cables had been installed. In order to hasten the building of new circuits an arrangement has been entered into with the Manhattan Railway Company by which cables are placed on its structure via Third avenue, the Bowery and Pearl street to Hanover square, connecting with the present department underground system at intermediate points, permission having been granted by the said company to occupy the structure for said cables and the establishment of fire alarm boxes in stations for use in case of fire upon or in the vicinity of the same. The work has been begun and will entail an expense to the City of about \$13,500. Should the company at any time desire to revoke the permit granted, it must give six months notice of its intention so to do. This use of the Elevated structure is without cost of any rental to the City.

A new central station of the fire alarm telegraph system has been established in the quarters of Engine Company 46, Nos. 715 and 717 East One Hundred and Seventy-sixth street, borough of The Bronx; this step being rendered necessary by reason of the extensive building operations and increased population in the borough of The Bronx and the consequent increased area of territory requiring protection. Under the former arrangement, the central office in the borough of Manhattan controlled the wires and signals in the borough of The Bronx as well, all alarms being received at and sent out from the Headquarters of the Department in East Sixty-seventh street, borough of Manhattan, a duty which taxed its facilities to the utmost. In the establishment of the new central office, it is the purpose to restrict the care of the wires and giving of signals in each borough to its own central office, an innovation which minimizes the risk of extensive damage thereto. The Harlem river has been made the dividing line for the circuits, thereby insuring to the territory north of the river immunity from the effects of interruption of the workings of the marine cables crossing the same, and also preventing the breaking of Manhattan circuits as the result of severe storms destroying the lines on the north side of the river.

For several years past fire alarm telegraph wires in the borough of Brooklyn have been strung upon the elevated railroad structures at a charge of 50 cents per year for each insulator connection, and \$4 for each box attached to the structure. This method of telegraphic construction has permitted the removal of all pole lines along the route of the elevated railways, and has resulted in the added advantage of protecting the circuits from danger in case of storms. A new contract, extending to December 31, 1907, was drawn up in the fall of 1902, and is now in the hands of the Corporation Counsel for his approval, the principal points of which are as follows:

The proposed agreement is to be entered into between the Brooklyn Elevated Railroad and the Brooklyn Heights Railroad Company, lessee, and the Fire Commissioner of The City of New York, and authorizes the latter to place upon and along the entire length of the elevated structure of the railroad company, such number of electric wires and electric cables, necessary fixtures, and signal boxes as the business of the Department may require. The City is to pay the railroad company for such privilege an annual rental as follows:

For single open wires or cables placed in boxes or troughs, at the rate of \$4 per month per wire for single open wires, and \$200 per month for cables containing not more than one hundred wires, plus \$3 per month for each wire in such cable additional to said one hundred wires.

For cables attached to the elevated structure and not in boxes or stations, \$300 per month for cables containing not more than one hundred wires, plus \$3 per month for each wire in such cable additional to said one hundred wires.

For each and every connection of each and every single wire in the insulator crossarm or other fixture placed upon or attached to the structure of the Elevated company, 50 cents.

For signal boxes attached to elevated columns on elevated stations, \$4 for each box.

In case of dispute as to the meaning of the agreement in question, it may, at the option of either of said parties, be submitted to three arbitrators, one to be chosen by each party, and such two arbitrators to choose a third. The decision of the majority shall be final and conclusive upon the parties.

This contract, if ratified, will result in vastly adding to the efficiency of the fire alarm telegraph system in the borough of Brooklyn.

Steps for placing a part of the circuits underground are being taken and will be continued as regards the entire system (excepting what may be called the suburban lines), as rapidly as funds can be obtained and the work done.

Municipal Explosives Commission.

Pursuant to an ordinance passed by the Board of Aldermen and approved by his Honor the Mayor, a body known as the Municipal Explosives Commission, consisting of the Fire Commissioner (ex-officio), chairman, and four others appointed by the Mayor, one of them from a list of ten submitted by the New York section of the American Chemical Society, has been created, who are charged with the duty of making a complete revision of the rules and regulations for the manufacture, transportation, sale, handling and storage and use of explosives and dangerous chemicals of all kinds within the corporate limits of The City of New York. This Commission is practically a bureau of the Department, having cognizance of many of the matters with which the existing Bureau of Combustibles had formerly to do. A vast amount of work devolves upon it, and many meetings are held, at which hearings are accorded to the business men interested in the various branches of the subject. The four members of the Commission selected by the Mayor represent the highest grade of ability and experience in the work committed to them—and their object is to secure safety for the community with the least onerous restrictions upon business consistent with that end.

The destruction of the Tarrant Building, the explosion of the tunnel near the Murray Hill Hotel, the fires and numerous deaths caused by pyrotechnic bombs in Madison Square, and the many fires and deaths caused by the cheaper grades of parlor matches, together with the unanimous resolution of the New York Board of Fire Underwriters, calling for a prohibition of the use of such matches, emphasize the pressing necessity for the work the Commission is doing.

New Fireboats.

The Board of Estimate and Apportionment, in the revised budget for 1902, heeding the earnest representations of the Commissioner as to the imperative need thereof, made an appropriation of \$150,000 with which to obtain two new fireboats for the use of this Department in the boroughs of Manhattan and The Bronx. The contract for one of these boats was awarded December 31, 1902, and that for the other will be let during the early part of the ensuing year. The last fireboat built was the "William L. Strong," in 1897. During the administration covering the period from January 1, 1898, to the close of 1901 none was built, the then Board of Estimate and Apportionment refusing to make any allowance for the purpose, notwithstanding it was advised that it had become necessary to sell at public auction one of the fleet, the "William F. Havemeyer," a wooden vessel, which had seen thirty years' service and had become unfit for further effective use. As a result the river frontages have had the protection for the past year of only three sound boats ("The New Yorker" and the "Zophar Mills" having been out of service undergoing extensive repairs and alterations), when as far back as 1896 they were safeguarded by five, and on December 31, 1897, at the end of the Strong administration, by six fireboats. By the end of 1903 seven well-equipped boats will be in service.

Repairs to Fireboats.

A special bond issue of \$75,000 was authorized in 1901 for the purpose of making extensive repairs and alterations to the fireboats "The New Yorker" and "Zophar Mills," boroughs of Manhattan and The Bronx. The contract for "The New Yorker," which was awarded late in the month of December of that year, exceeded more than half of this sum, and before the contract for repairs to the "Zophar Mills" could be awarded, it became necessary for the Commissioner to apply to the present Board of Estimate and Apportionment for an additional allowance of \$15,000. This sum was allowed in the revised budget for the present year, and the contract for the work has been awarded. When these extensive alterations and repairs shall have been

completed, the "Zophar Mills" will be in prime condition to render effective service for many years to come. The work on "The New Yorker" has been completed and it is now in commission. Each of these boats equals in power at least twelve land engines, and each can be placed in service at a cost not exceeding that of two land companies.

Repair Shops.

The developments of a preliminary examination in the spring of this year into the conduct of affairs at the Repairs Shops, boroughs of Manhattan and The Bronx, led the Commissioner to infer that for several years past a conspiracy had existed in that branch of the service, whereby poor materials had been accepted from contractors and used in the repair work of Department apparatus and implements, and that overtime allowance of compensation had been made to favored employees when no emergency required the same. At the request of the Commissioner, the Mayor ordered a thorough examination of the books, accounts and affairs of the shops by the Commissioners of Accounts, the result of which tended to show that such a conspiracy existed, and that the Chief of Construction and Repairs to Apparatus and several Foremen in said shops were parties thereto. The Chief of Construction and Repairs to Apparatus, a member of the uniformed force, was placed on trial on charges based upon the report of the Commissioners of Accounts, and, after a fair and impartial trial, was found guilty and dismissed the service, as were the Foremen who, it appeared, were associated with him in the conspiracy. The report further showed that much private work had been done for the predecessor of the present Commissioner and for the late incumbent of the position of Chief of Department. A new system of accountability has been put in operation in the shops, whereby the successful consummation of such schemes will be impossible in the future. The work of this Bureau is being well performed, and at a marked decrease from the annual outlay of recent years.

Obstruction of Theatre Aisles.

The Commissioner having learned from complaints of citizens and from reports of Firemen detailed at theatres that the managers of places of amusement and entertainment in the various boroughs had made it a practice, in violation of the provisions of law bearing on the subject, to place chairs and campstools in the aisles and to allow persons to stand in the aisles and in the rear of the orchestra chairs, a system fraught with danger in the event of an outbreak of fire or panic, introduced vigorous measures to compel the discontinuance of the practice. In a number of cases the action of the Department has been sustained by the courts and the pecuniary penalties have been paid by those violating the law; in some cases the decisions have been adverse. Each case presents new features on account of the difference in construction of the various theatres, but it is hoped that the courts will see their way clear to continue to uphold the salutary provisions of the law so that the dangers resulting from panic or fire may be reduced to a minimum, and that no recurrence of the Brooklyn Theatre tragedy of some years ago may take place, as it surely will if the legal prohibitions are relaxed.

Standpipes.

With the advent of buildings of unusual height, the problem of extinguishing fires when they break out in upper stories becomes a matter of grave concern. An ordinary stream forced from a street hydrant through a line of hose cannot do effective work at a greater height than six stories, but in the case of buildings equipped with standpipes of proper dimensions by connecting a line of hose from the engine to the standpipe in the street outside the building, a powerful stream can be obtained at the top of our very tall buildings, as frequent tests have shown. Indeed, it has been demonstrated that two companies working through standpipes of proper dimensions can do as much work as a dozen companies required to stretch lines of hose through hallways, up stairways, etc., as the friction and back pressure on the hose at extreme heights are such as to prevent the obtaining of an effective stream.

It is the policy of the present administration to require the placing of standpipes in all old business and public buildings and in all new buildings of more than 100 feet in height, and to enforce the same where necessary by legal action, the authority for which is found in section 109 of the Building Code, as well as in the general provisions of section 762 of the Greater New York Charter.

New Sites, Buildings, Etc.

New sites upon which to erect apparatus houses, in the boroughs of Manhattan and The Bronx have been or are to be obtained during the coming year as follows:

- Nos. 278-284 Spring street.
- One Hundred and Thirty-fifth street and St. Nicholas avenue, or vicinity.
- One Hundred and Thirty-fourth street and Convent avenue.
- Bedford Park, near Briggs avenue.
- One Hundred and Thirty-eighth street, near St. Ann's avenue.
- For Hook and Ladder Company 8, now located at No. 7 North Moore street.
- For Engine Company 12, now located at No. 261 William street.
- For Engine Company 25, now located at No. 342 Fifth street.

The following new buildings in the boroughs of Manhattan and The Bronx are in process of erection, and will be completed during the coming year:

- New house for Engine Company 62, White Plains road, near Julianna street, Williamsbridge. Contract price, \$34,735.
- New house for Engine Company 32, No. 49 Beekman street. Contract price, \$33,800.
- New house in One Hundred and Second street, near Amsterdam avenue, for a double company. Contract price, \$66,000.
- New house, northwest corner Sedgwick avenue and One Hundred and Seventy-eighth street. Contract price, \$43,436.

The following apparatus houses are undergoing extensive repairs and alterations, amounting in the case of two to a practical rebuilding of the same:

- Hook and Ladder Company 15, Old slip. Contract price, \$9,549.
- Engine Company 9, No. 55 East Broadway. Contract price, \$22,479.
- Engine Company 22, No. 157 East Eighty-fifth street. Contract price, \$18,549.

The erection of a number of new buildings is in contemplation, plans and specifications for which are in course of preparation, as follows:

New Repair Shops building, northeast corner of Fifty-sixth street and Twelfth avenue.

New house for Hook and Ladder Company 1 and Engine Company 7, on the south side of Chambers street, between Centre street and Park row.

New house for Engine Company 41, One Hundred and Fiftieth street, near Courtlandt avenue.

New house for Hook and Ladder Company in One Hundred and Fourteenth street, near Madison avenue.

New house at Intervale avenue and One Hundred and Sixty-ninth street.

Plans for the erection during the coming year of four new buildings in the boroughs of Brooklyn and Queens are now in preparation, and proposals for erecting the buildings by contract at public letting will be advertised early in 1903, to wit:

Engine Company 145, at Coney Island, in which building it is proposed to locate two engines and two tenders. Appropriation, \$30,000.

Engine Company 146, at Sheepshead Bay, in which building it is proposed to locate two engines, two tenders and hook and ladder truck. Appropriation, \$40,000.

For new house on Jackson avenue, Long Island City, for Hook and Ladder Company 66. Appropriation, \$23,000.

For new house on East Eighth street, Long Island City, for Engine Company 158 and Hook and Ladder Company 65; also as quarters Chief of Battalion. Appropriation, \$60,000.

It is also the intention to erect a new house for Engine Company 150 at Blissville, for combination company (engine, hook and ladder truck and tender), for which an appropriation of \$30,000 is available.

It is also in contemplation to alter building on Hicks street to fit it for quarters of Engine Company 134, now located on Furman street, for which purpose \$30,000 is at hand.

There are several sites in process of acquirement, upon which new houses will be built as soon as the necessary funds are available for the purpose.

A considerable sum of money is available for alterations and additions to buildings, which will be judiciously expended during the coming year.

No new buildings for apparatus houses, either in Brooklyn or Long Island City, have been erected in many years, and it is the intention of the Commissioner to see to it that this state of affairs no longer continues. The members of the paid force in Brooklyn and Queens are at present very poorly housed in many instances. The average of comfort and healthfulness, as the Commissioner has ascertained by personal inspection, is lower than in Manhattan and The Bronx.

Repairs to Buildings.

Shortly after assuming office, the Commissioner ascertained that many of the buildings of the Department in the boroughs of Manhattan and The Bronx were in a dilapidated condition and unfit for habitation by the firemen. He accordingly applied to the Board of Estimate and Apportionment to permit the use of \$50,000 appropriated in the bond issue of 1901 for new buildings, for the purpose of making additions and repairs to existing buildings. The Board yielded its assent, and as a result several buildings have been remodeled and placed in a sanitary condition and are a credit to the Department.

Relief (or Pension) Fund.

The growing demands upon this Fund, due primarily to the increased and increasing number of retirements from active service rendered necessary by advancing years, and to the payment of allowances to the widows, children and dependent parents of deceased retired members of the uniformed force, have for some years back indicated that the time was fast approaching when the income of the Fund would no longer be equal to its requirements, and that to meet its legal obligations it would become necessary to encroach upon the principal. Nothing, however, was done by the late administration to prepare for that event, which is now at hand, and unless measures are promptly taken by the State and Municipal authorities to ensure an increase in the income of the Fund, the Fire Commissioner, as its Trustee, will be obliged to sell the City bonds which form the principal of the Fund held in trust by him.

Fuel and Forage.

On taking charge of the Department the Commissioner was informed that there was not on hand a week's supply of coal or forage. The Department controls upward of 200 buildings requiring heat, and has 131 engine companies and never less than four fire boats requiring constant steam for their operation. It has also to feed the 1,021 horses in its service. Upon investigation it was ascertained that the scarcity in coal and forage was not attributable to remissness of the contractors but to lack of forethought on the part of the then Department officials. Confronted by the Charter provision requiring the procuring of these supplies in amounts in excess of \$1,000 by contract at public letting (the formalities attendant upon which procedure necessarily consume a considerable period of time) the embarrassment of the situation was relieved only by the prompt action of his Honor the Mayor and the Board of Aldermen, through whose agency the sum of \$20,000 was placed at the disposal of the Department for emergency purchases of coal and forage. The condition of the coal market throughout the summer made the obtaining of supplies enormously difficult, but by the energetic efforts of the present officers charged with this duty no apparatus was put out of service for a single day from this cause.

Horses.

In the boroughs of Manhattan and The Bronx 73 horses were purchased during the year 1902, and in the boroughs of Brooklyn and Queens 66, a total of 139. During the same period in the first two boroughs, 30 died and 27 worn-out animals were sold, a total of 57; and in the last two boroughs, 15 died and 27 no longer fit for service were sold, a total of 42, making an aggregate in the four boroughs of 99. At the close of 1902 there was on hand in the boroughs of Manhattan, The Bronx, Brooklyn and Queens a total of 1,021 horses, as against 981 on December 31, 1901, an increase of 40. Never before in the history of the Department has it been so well equipped in this regard as at the present time.

Volunteer System.

The Board of Estimate and Apportionment, at the request of the Board of Aldermen, having authorized the Comptroller to issue Special Revenue Bonds to the amount of \$25,300 for the establishment, equipment and maintenance of the fire alarm telegraph system in the borough of Richmond, a contract was entered into in the month of December which will in a few months result in placing that borough in possession of a modern system of fire alarm telegraph communication entirely surrounding the island, with a central office at St. George.

An additional Special Revenue Bond issue of \$25,000 was also authorized for a telegraphic system in this borough, but the Commissioner, in view of the great need for furnishing many of the volunteer companies with apparatus, horses, hose, and general equipment, requested that the proceeds of this particular issue might be so applied. The Board of Estimate and Apportionment promptly acquiesced, but the Board of Aldermen has thus far held the matter in abeyance, the indications, however, being that it will yield its assent in the early part of the coming year. This request of the Commissioner was based upon a report of the needs of the Volunteer System in these respects by an officer of the uniformed force well qualified for the duty, and his recommendations, when carried out, as they will be early next year, will result in adding greatly to the efficiency of the Volunteer Department.

By means of appropriations and bond issues, the fire alarm telegraph system in the volunteer territory of the borough of Queens has been placed in a vastly improved condition, and contracts have been awarded to provide the companies during the year with new apparatus, horses, hose and other necessary equipment. The task has been very great, as nearly seventy volunteer companies are operating in that immense section of the City.

In the amended Greater New York Charter a provision has been incorporated in section 722, that in addition to the requirements therefor contained in the General Laws of the State, the certificate of the incorporation of any new volunteer fire company must also receive the approval of the Fire Commissioner.

Endowment of Beds in Hospitals.

Mrs. Henry B. Plant during the current year has endowed, in perpetuity, a bed in each of the Presbyterian, the New York, and the Hudson Street Hospitals (the latter a branch of the second-named institution), borough of Manhattan, for the use of members of the Fire Department of this City.

Mrs. Plant's thoughtfulness and generosity, manifested in so practical and enduring a form, is deeply appreciated by the uniformed force, and will ever be cherished in grateful remembrance.

BOROUGH OF MANHATTAN, THE BRONX AND RICHMOND.

Personnel, December 31, 1902.

HEADQUARTERS.			
Commissioner	1	Foremen (Captains)	99
Secretary of Department	1	Assistant Foremen (Lieutenants)	118
Assistant Secretary	1	Engineers of Steamers	163
Secretary to Commissioner	1	Firemen first grade	704
Secretary Relief Fund	1	Firemen second grade	128
Cashier	1	Firemen third grade	125
Bookkeeper	1	Firemen fourth grade	124
Medical officers	3	Firemen, probationary	11
Clerks (senior)	2		1,493
Clerks (junior)	2		
Stenographers and Typewriters	3	Ununiformed Force.	
Weighmaster	1	Pilots	4
Storekeeper	1	Marine Engineers	5
Engineman	1	Stokers	15
Stokers	5		24
Watchman	1	Clerical Force.	
Driver	1	Clerks	3
Elevator Attendants	3	Draughtsman	1
Laborer	1	Stenographer and Typewriter	1
Cleaners	5		5
BUREAU CHIEF OF DEPARTMENT.			
Uniformed Force.			
Chief of Department (vacancy) .....	..	BUREAU OF INSPECTOR OF COMBUSTIBLES.	
Deputy and Acting Chief of Department	1	Inspector of Combustibles	1
Deputy Chiefs of Department	3	Clerk	1
Chiefs of Battalion	16	Oil Surveyors	14
Chief Instructor	1		16
Chief of Construction and Repairs to Apparatus (vacancy) .....	..	BUREAU OF FIRE MARSHAL.	
		Fire Marshal	1
		Assistant Fire Marshals	7
		Clerk	1
		Stenographer and Typewriter	1
			10

FIRE ALARM TELEGRAPH
BRANCH - BOROUGH
OF MANHATTAN AND
THE BRONX.

Chief Operator	1
Telegraph Operators	12
Telephone Operator	1
Instrument Makers	2
Inspectors of Fire Alarm Boxes	3
Batterymen	4
Foreman	1
Foreman of Cable Splicers...	1
Cable Splicers	4
Foreman of Linemen	1
Linemen	12
Machinist	1
Painters	2
Mason	1
Groundsmen	4
Driver	1
Stablemen	3

BOROUGH OF RICHMOND.

Inspector of Fire Alarm Boxes	1
Lineman	1

Repair Shops.

Clerks	2
Engineman	1
Machinists	12
Machinists' Helpers	5
Machinists' Apprentice	1
Mechanics	2
Boilermaker	1
Steamfitters	4
Coppersmith	1
Foreman Blacksmith	1
Blacksmiths	4
Blacksmiths' Helpers	6
Foreman Wheelwright	1

Wheelwrights	5
Carpenters	3
Foreman Harnessmaker	1
Harnessmaker	1
Upholsterer	1
Hose Repairer	1
Hose Repairer's Helpers...	2
Foreman Painter	1
Painters	4
Wagon Painter	1
Carriage Painters	3
Toolman	1
Elevatorman	1
Drivers	5
Watchmen	4
Laborer	1
Stoker	1

SUPERINTENDENT OF
BUILDINGS BRANCH.

Superintendent	1
Clerk	1
Architectural Draughtsmen.	3
Draughtsman	1
Inspectors of Buildings.....	2
Superintendent of Repairs...	1
Plumbers	2
Carpenters	3
Tinsmiths	3
Painters	2
Caulker	1
Drivers	2
Laborer	1

HOSPITAL AND TRAIN-
ING STABLES.

Drivers	8
Stablemen	4
Night Watchman	1

Aggregate..... 1,753

BUREAU CHIEF OF DEPARTMENT.

Report for the Boroughs of Manhattan, The Bronx and Richmond for the Year Ending
December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I have the honor to transmit herewith for your information the annual report for the year 1902 of the Bureau Chief of Department, embracing the subjects of apparatus, statistics of fires, list of appointments, resignations, dismissals, reinstatements, retirements from the service and register of officers of the uniformed force in active service, etc.; also report of the Fire Alarm Telegraph Branch for the same period.

On December 31, 1902, the total membership in the uniformed force in the boroughs of Manhattan and The Bronx numbered 1,493 officers, Engineers and Firemen of all grades, including eleven probationary Firemen. The number of alarms responded to by the above force during the year was 6,527; the fire extinguishing force consisted of seventy-four engine companies (including three fireboats) and twenty-five hook and ladder companies, nine of the former and five of the latter being what are known as double companies, consisting of an average total of twenty-one officers, engineers and men, equipped with two sets of apparatus and formed into two sections, one of which remains in quarters while the other responds to alarms for fires, for the purpose of covering the unprotected territory. One engine and one hook and ladder company are also equipped with searchlight engines, which are used at night fires; and one engine and two hook and ladder companies are equipped with water towers.

To each company is assigned a district within whose limits commanding officers are responsible for violations of law, condition of alarm boxes, keys, etc. The companies are organized into sixteen battalions, composed of from five to ten companies in each, under command of a Chief of Battalion. The First, Second, Third, Fourth and Fifth Battalions form the First Division; the Sixth, Seventh, Eighth and Ninth Battalions the Second Division; the Tenth, Eleventh, Twelfth and Sixteenth Battalions the Third Division, and the Thirteenth, Fourteenth and Fifteenth Battalions the Fourth Division, each under the command of a Deputy Chief of Department.

The last named division, which was created in June last, following the appointment of an additional Deputy Chief of Department, besides including a portion of the territory in the upper part of the borough of Manhattan, covers the entire territory comprising the borough of The Bronx.

The notable fires described herein are those which have necessitated the calling into service of an extraordinary number of companies by reason of the area and magnitude of the fire; those which have occurred in the upper parts of buildings of an unusual height, thereby rendering more than ordinarily difficult the work of extinguishing them, and those which have been emphasized by loss of life or a large pecuniary loss or otherwise marked by exceptional circumstances.

During the year 1902 contracts were awarded, and in some cases work commenced, for the erection of new apparatus houses in different localities, where, owing to the large number of new buildings already erected, new companies are very much required. Contracts were also awarded for alterations to a large number of houses which have been occupied by this Department for a great many years, and which were in a bad state and almost unfit for further occupancy in their present state. A contract was also awarded for a new fireboat, which it is expected will be placed in service during the latter part of 1903.

While some improvements have been made in the water supply system and some new mains and improved hydrants have been added to the present number, there still exists an absolute need that this important branch of the service be greatly improved, as a large number of the hydrants in this city are of an old and antiquated pattern, freezing at the slightest approach of cold weather, and requiring a large portion of the force to be constantly engaged in salting and thawing them out as soon as the cold weather sets in. Some of this trouble could be avoided if the use of the hydrants were restricted to narrower limits than is now the case, as at present they are used too freely by various departments and citizens, who handle same in a careless manner; but the early installation of modern hydrants is vitally necessary. Increased number of water mains and the replacing of the present small ones by others of large diameter is greatly needed.

The number of theatres in this city to which by law this Department is compelled to detail Firemen during all performances deprives companies of the services of a number of men at fires where they are most needed, and also is a source of inconvenience to the men in obtaining their meals regularly, and I would suggest that some action be taken in the near future to remedy the above.

In conclusion, I desire to heartily indorse your contemplated action of securing enough additional members of the Department so as to permit of more time for meals and with their families, and recreation to its members.

Yours respectfully, CHAS. D. PURROY, Acting Chief of Department.

Company, Organization, Kind and Number of Apparatus, Number of Alarms Responded to, Number of Fires at Which Duty was Performed and Number of Officers and Men.

Company.	Apparatus.						No. of Alarms Responded to.	No. of Fires Performed Duty at.	No. of Officers and Men.	Remarks.
	Engines.	Four-Wheel Wagons.	No. of Hose Tenders.	No. of Two-Wheel Tenders.	No. of Hook and Ladder Trucks.	Water Towers.				
Engine Company 1.....	1	1	..	..	..	..	322	63	14	
Engine Company 2.....	1	1	..	..	..	..	227	44	14	
Engine Company 3.....	1	1	..	..	..	..	220	55	14	
Engine Company 4.....	1	1	..	..	..	..	128	49	14	
Engine Company 5.....	2	1	1	..	..	..	292	53	21	
Engine Company 6.....	1	1	..	..	..	..	142	66	14	
Engine Company 7.....	1	1	..	..	..	..	263	66	16	
Engine Company 8.....	1	1	..	..	..	..	252	76	17	
Engine Company 9.....	1	2	..	..	..	..	469	137	15	
Engine Company 10.....	1	1	..	..	..	..	86	25	14	
Engine Company 11.....	1	1	..	..	..	..	494	104	15	
Engine Company 12.....	2	1	..	1	..	..	329	81	21	
Engine Company 13.....	2	2	..	..	..	..	289	101	23	
Engine Company 14.....	1	1	..	..	..	..	269	134	17	
Engine Company 15.....	1	1	..	..	..	..	563	96	13	
Engine Company 16.....	2	2	..	..	..	..	261	53	22	
Engine Company 17.....	1	1	..	..	..	..	859	186	15	
Engine Company 18.....	2	2	..	1	..	..	309	65	21	
Engine Company 19.....	1	2	..	..	..	..	243	42	15	
Engine Company 20.....	2	1	..	..	..	..	407	81	16x	* searchlight engine.
Engine Company 21.....	1	1	..	..	..	..	247	58	14	
Engine Company 22.....	1	1	..	..	..	..	324	59	13	
Engine Company 23.....	1	1	..	..	..	..	257	58	14	
Engine Company 24.....	1	1	..	..	..	..	225	86	14	
Engine Company 25.....	1	1	..	..	..	..	489	74	15	
Engine Company 26.....	2	2	1	..	..	..	245	67	23	
Engine Company 27.....	2	1	1	..	..	..	147	72	21	
Engine Company 28.....	1	1	..	..	..	..	213	51	12	
Engine Company 29.....	1	1	..	..	..	..	145	44	14	
Engine Company 30.....	1	1	..	..	..	..	274	94	15	
Engine Company 31.....	2	2	1	..	..	1	366	109	26	
Engine Company 32.....	1	1	..	..	..	..	138	59	14	
Engine Company 33.....	2	1	..	..	..	..	324	110	23	
Engine Company 34.....	1	1	..	..	..	..	301	67	14	
Engine Company 35.....	1	1	..	..	..	..	404	55	12	
Engine Company 36.....	1	1	..	..	..	..	279	38	12	
Engine Company 37.....	1	1	..	..	..	..	191	47	12	
Engine Company 38.....	1	1	..	..	..	..	70	19	12	
Engine Company 39.....	1	1	..	..	..	..	331	64	12	
Engine Company 40.....	1	1	..	..	..	..	207	54	12	
Engine Company 41.....	1	1	..	..	..	..	125	27	12	
Engine Company 42.....	1	1	1	..	..	..	73	21	10	
Engine Company 43.....	..	..	..	..	..	..	..	..	..	Formerly fireboat "Wm. F. Havemeyer." New boat in course of construction.
Engine Company 44.....	1	1	..	..	..	..	332	61	13	
Engine Company 45.....	1	1	..	..	1	..	32	21	12	
Engine Company 46.....	1	1	..	..	..	..	38	15	10	
Engine Company 47.....	1	1	..	..	..	..	185	40	12	
Engine Company 48.....	1	1	1	..	1	..	23	16	12	
Engine Company 49.....	1	1	1	1	1	..	1	1	16	This company has also under its supervision 5 steam, 4 chemical and 2 hand engines, 4 hook and ladder trucks, 5 2-wheel tenders and 8 2-wheel jumpers, stationed at the various institutions on Ward's and Randall's Islands.
Engine Company 50.....	1	1	..	..	1	..	73	23	16	
Engine Company 51.....	..	..	..	..	..	..	210	15	14	Fireboat "Zophar Mills."
Engine Company 52.....	1	1	1	..	1	..	10	4	12	
Engine Company 53.....	1	2	..	..	..	..	329	82	14	
Engine Company 54.....	1	1	..	..	..	..	289	60	14	
Engine Company 55.....	1	1	..	..	..	..	465	102	14	
Engine Company 56.....	1	1	..	..	..	..	200	28	13	
Engine Company 57.....	..	..	..	..	..	..	135	7	20	Fireboat "The New Yorker."
Engine Company 58.....	1	1	..	..	..	..	436	58	12	
Engine Company 59.....	1	1	..	..	..	..	147	47	12	
Engine Company 60.....	1	1	..	..	..	..	141	41	12	
Engine Company 61.....	1	1x	..	..	1	..	19	5	12	*Combination hose wagon and chemical engine.
Engine Company 62.....	1	1	..	..	1	..	12	4	11	
Engine Company 63.....	..	1x	..	..	..	..	10	4	7	*Combination hose wagon and chemical engine.
Engine Company 64.....	..	1x	..	..	..	..	15	8	7	*Combination hose wagon and chemical engine.
Engine Company 65.....	1	1	..	..	..	..	277	58	14	
Engine Company 66.....	..	..	..	..	..	..	230	18	14	Fireboat "Wm. L. Strong."
Engine Company 67.....	1	1	..	..	..	..	22	6	12	
Engine Company 68.....	1	2	..	..	1	..	17	10	12	
Engine Company 69.....	1	1	1	..	1	..	9	6	11	
Engine Company 70.....	1	1x	..	..	1	..	7	6	11	*Combination hose wagon and chemical engine.
Engine Company 71.....	1	1	..	..	..	..	103	20	12	
Engine Company 72.....	1	1	..	..	..	..	217	90	15	
Engine Company 73.....	1	1	..	..	..	..	43	8	12	
Engine Company 74.....	1	1	..	..	..	..	184	32	14	
Engine Company 75.....	1	1	..	..	1	..	25	6	13	
Hook and Ladder 1.....	..	..	..	..	1	..	384	196	14	
Hook and Ladder 2.....	..	..	..	..	2	..	319	166	16	
Hook and Ladder 3.....	..	..	..	..	1	1	329	178	19	
Hook and Ladder 4.....	..	..	..	..	1	..	418	256	16	
Hook and Ladder 5.....	..	..	..	..	2	..	329	170	21	
Hook and Ladder 6.....	..	..	..	..	1	..	633	327	14	
Hook and Ladder 7.....	..	..	..	..	1	..	289	152	16	
Hook and Ladder 8.....	..	..	..	..	1	..	245	160	15	
Hook and Ladder 9.....	..	..	..	..	1	..	581	300	16	
Hook and Ladder 10.....	..	..	..	..	1	..	219	133	17	
Hook and Ladder 11.....	..	..	..	..	1	..	437	143	14	
Hook and Ladder 12.....	..	..	..	..	1	..	296	175	16	
Hook and Ladder 13.....	..	..	..	..	2	..	345	214	14	
Hook and Ladder 14.....	..	..	..	..	1	..	388	249	14	
Hook and Ladder 15.....	..	..	..	..	1	..	113	68	13	
Hook and Ladder 16.....	..	..	..	..	1	..	302	144	13	
Hook and Ladder 17.....	..	..	..	..	1	..	113	92	12	
Hook and Ladder 18.....	..	..	..	..	1	..	825	400	15	
Hook and Ladder 19.....	1x	..	..	..	1	..	93	52	14	*Chemical engine with reel for 1-inch hose.
Hook and Ladder 20.....	..	..	..	..	2	..	471	253	25	
Hook and Ladder 21.....	..	..	..	..	2	..	394	215	22	
Hook and Ladder 22.....	1x	..	..	..	2	..	236	131	23	*Chemical engine.
Hook and Ladder 23.....	1x	..	..	..	1	..	130	84	14	*Chemical engine.
Hook and Ladder 24.....	1x	..	..	..	1	1	408	165	24	*Searchlight engine.
Hook and Ladder 25.....	..	..	..	..	1	..	234	127	13	
Total.....	83	82	8	4	42	3	24,554	8,365	1,472	Does not include chief officers, who number 21

Average number of alarms responded to by each company, 248.

Average number of fires at which each company performed duty, 85.

Classified Description of Steam Fire Engines, Etc.

Size.					Style of			Size in inches of			Manufacturer's		New Boilers, Pumps, Etc.			Where in Service.
1.	2.	3.	4.	5.	Frame.	Boiler.	Engine.	Steam Cylinder	Stroke of Piston.	Weight with Water.	When Built or Placed in Service.	Name.	Number.	When.	By Whom.	
								Pump.								
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Double	8½	6	4½	7,510	1891 La France Manufacturing Company	202	..	..	Spare.
..	1	..	..	..	Crane neck.....	Clapp patent, 60-inch by 30-inch	Double	7½	7	4½	6,485	1883 Clapp & Jones Company...	415	..	..	"

Size.					Style of			Size in Inches of			Manufacturer's			New Boilers, Pumps, Etc.			
1.	2.	3.	4.	5.	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.	Weight with Water.	When Built or Placed in Service.	Name.	Number.	When.	By Whom.	Where in Service.
..	1	..	..	..	Crane neck.....	Clapp patent, 60-inch by 30-inch	Double	6 7/8	8	4 1/2	7,385	1871	Amoskeag Manufacturing Company	363	..	..	"
..	1	..	..	..	Crane neck.....	Nest tube, 60-inch by 33-inch	Double	8 1/4	8	4 1/4	8,050	1892	La France Manufacturing Company	224	..	..	"
..	1	..	..	..	U tank.....	Amoskeag, 30-inch by 66-inch	Double	8	12	4 1/4	6,750	1866	Amoskeag Manufacturing Company	164	1874 1879	New boiler, R. & S.; new boiler and rebuilt, La France Company.....	"
..	1	..	..	..	Crane neck.....	La France, 32-inch by 60-inch	Double	7 1/2	7	4 7/8	6,740	1886	Clapp & Jones Company... ..	473	1893	New boiler and rebuilt, La France Company.....	"
1	..	..	..	..	Crane neck.....	Sectional coil tube, 32-inch by 62-inch.....	Double	8 1/2	7	5	7,890	1882	Clapp & Jones Company... ..	385	1895	New boiler.....	"
1	..	..	..	..	Crane neck.....	Drop tube, 35-inch patent pen tube.....	Double	8 1/2	7	5	8,368	1882	Clapp & Jones Company... ..	380	1895	New boiler and rebuilt, La France Company.....	"
..	..	1	..	..	Crane neck.....	Nest tube, 30-inch by 60-inch	Double	8 1/2	6	4 7/8	7,720	1890	La France Manufacturing Company	187	..	..	"
1	..	..	..	..	Crane neck.....	Nest tube, 64-inch by 35-inch	Double	8 1/2	7	5	8,440	1882	Clapp & Jones Company... ..	383	1894	New boiler, La France Company	"
..	1	..	..	..	Crane neck.....	Nest tube, 62-inch by 32-inch	Double	6 3/4	8	4 1/4	6,210	1883	Ahrens Manufacturing Company	358	1894	New boiler and rebuilt, La France Company.....	"
1	..	..	..	..	Crane neck.....	35-inch patent pen tube.	Double	8	7	4 7/8	7,520	1880	Clapp & Jones Company... ..	351	1894	New boiler and rebuilt, American Fire Engine Company	"
..	1	..	..	..	Crane neck.....	Sectional coil, 60-inch by 32-inch.....	Double	7 1/2	7	4 3/8	7,600	1885	Clapp & Jones Company... ..	463	1896	New boiler and rebuilt, Clapp & Jones.....	"
..	..	1	..	..	Crane neck.....	Submerged flue, 62-inch by 31-inch.....	Double	6 1/2	8	4	7,184	1895	Manchester Locomotive Company	715	..	..	"
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Double	8 1/2	6	4 7/8	7,500	1891	La France Manufacturing Company	203	..	..	"
..	1	..	..	..	Crane neck.....	31-inch patent pen tube.	Drop tube, 62-inch by 31-inch	6 7/8	8	4 1/2	6,800	1871	Amoskeag Manufacturing Company	359	1883	New patent pen tube boiler	"
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Drop tube, 62-inch by 31-inch	8 1/4	6	4 7/8	7,420	1889	La France Manufacturing Company	164	..	..	"
..	..	1	..	..	Harp tank.....	La France, 60-inch by 28-inch	Single	7 3/4	9	4 1/2	5,700	1887	Amoskeag Manufacturing Company	520	..	..	"
..	1	..	..	..	Straight frame....	C. & J. patent, 62-inch by 31-inch.....	Double	6 7/8	8	4 1/2	6,700	1867	Amoskeag Manufacturing Company	226	1875	New boiler, Amoskeag Company	"
..	1	..	..	..	U tank.....	Amoskeag, 60-inch by 30-inch	Double	8	12	4 3/4	6,750	1866	Amoskeag Manufacturing Company	162	..	..	"
..	..	1	..	..	Harp tank.....	Amoskeag, 28-inch by 60-inch	Single	7 3/4	9	4 1/2	5,810	1877	Amoskeag Manufacturing Company	517	1890 1895	New boiler, La France Company	"
..	1	..	..	..	Crane neck.....	Amoskeag, 60-inch by 30-inch.....	Double	6 7/8	8	4 1/2	7,250	1873	Amoskeag Manufacturing Company	437	1889	New boiler and rebuilt, La France Company.....	"
..	..	..	1	..	Straight frame....	30-inch patent pen tube.	Double	9 1/4	6	5 1/2	6,000	1883	Clapp & Jones Company... ..	417	1898	New boiler, La France Company	"
..	..	1	..	..	Straight frame....	30-inch Latta.....	Single	8	7	5	5,875	1883	Ahrens Manufacturing Company	354	1899	New boiler, Gleason-Bailey Company	"
..	1	..	..	..	U tank.....	63-inch by 31-inch.....	Double	8	12	4 3/4	6,750	1866	Amoskeag Manufacturing Company	165	1886	New boiler, Clapp & Jones Company	"
..	1	..	..	..	Crane neck.....	30-inch by 60-inch.....	Double	6 7/8	8	4 1/2	6,800	1871	Amoskeag Manufacturing Company	362	1883	New boiler, Clapp & Jones Company	"
..	..	1	..	..	Harp tank.....	Nest tube, 28-inch by 60-inch	Single	7 3/4	9	4 1/2	5,700	1887	Amoskeag Manufacturing Company	519	1888	New boiler, La France Company	"
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Double	8 1/4	6	4 1/2	7,490	1889	La France Company.....	165	1889	..	"
1	..	..	..	..	Crane neck.....	Water tube, 66-inch by 36-inch	Double	9	8	5 1/2	9,610	1898	American Fire Engine Company	2575	..	..	Engine 1.
1	..	..	..	..	Crane neck.....	66-inch by 36-inch.....	Double	9	8	5 1/2	9,285	1897	American Fire Engine Company	2499	..	..	" 2.
..	1	..	..	..	Crane neck.....	Nest tube, 60-inch by 33-inch	Double	8 1/4	8	4 3/4	8,060	1892	La France Company.....	232	..	..	" 3.
1	..	..	..	..	Crane neck.....	Vertical tube, 66-inch by 36-inch.....	Double	9	8	5 1/2	9,547	1900	American Fire Engine Company	2684	..	..	" 4.
..	..	..	1	..	Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	9 1/4	6	5 1/2	6,200	1881	Clapp & Jones Company... ..	362	1896	New boiler and rebuilt, American Fire Engine Company.....	" 5.
..	1	..	..	..	Crane neck.....	Nest tube, 62-inch by 33-inch	Double	7 3/4	8	4 1/2	9,015	1888	La France Company.....	147	1899	New boiler and rebuilt, La France Company.....	" 5.
..	..	1	..	..	Crane neck.....	Nest tube, 62-inch by 32-inch	Double	7 3/4	8	4 1/2	7,950	1900	La France Company.....	436	..	..	" 6.
1	..	..	..	..	Crane neck.....	Sectional coil, 62-inch by 30-inch.....	Double	8	7	5	7,536	1880	Clapp & Jones Company... ..	352	1894	New boiler and rebuilt, American Fire Engine Company.....	" 7.
1	..	..	..	..	Crane neck.....	Vertical tube, 66-inch by 36-inch.....	Double	9	8	5 1/2	9,750	1900	American Fire Engine Company	2707	..	..	" 8.
1	..	..	..	..	Crane neck.....	Sectional coil, 64-inch by 35-inch.....	Double	9	8	5 1/2	9,225	1896	American Fire Engine Company	2456	..	..	" 9.
1	..	..	..	..	Crane neck.....	Sectional coil, 66-inch by 36-inch.....	Double	9	8	5 1/2	9,220	1897	American Fire Engine Company	2500	..	..	" 10.
..	1	..	..	..	Crane neck.....	Nest tube, 60-inch by 33-inch	Double	8 1/4	8	4 3/4	8,170	1893	La France Company.....	257	1896	New pumps, Repair Shop.	" 11.
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Double	9 1/4	6	5 1/2	6,010	1881	Clapp & Jones Company... ..	370	1896	New boiler and rebuilt, La France Company.....	" 12.
1	..	..	..	..	Crane neck.....	Nest tube, 64-inch by 36-inch	Double	8 3/4	9	5 1/2	9,890	1900	La France Company.....	434	..	..	" 12.
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Double	9 1/4	6	5 1/2	6,300	1884	Clapp & Jones Company... ..	432	1898	New boiler and rebuilt, La France Company.....	" 13.
1	..	..	..	..	Crane neck.....	Vertical tube, 66-inch by 32-inch.....	Double	9	8	5 1/2	9,700	1900	American Fire Engine Company	2708	..	..	" 13.
1	..	..	..	..	Crane neck.....	Nest tube, 62-inch by 36-inch.....	Double	8 3/4	9	5	8,750	1895	La France Company.....	298	..	..	" 14.
..	..	..	..	..	Crane neck.....	Nest tube, 62-inch by 36-inch	Double	8 3/4	9	5	8,790	1894	La France Company.....	299	..	..	" 15.
1	..	..	..	..	Crane neck.....	Sectional coil, 64-inch by 35-inch.....	Double	9	8	5 1/2	8,490	1891	Clapp & Jones Company... ..	558	..	..	" 16.
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 30-inch	Double	9 1/4	6	5 1/2	6,290	1884	Clapp & Jones Company... ..	438	1898	New boiler and rebuilt, La France Company.....	" 16.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7 1/2	7	4 1/2	7,870	1900	American Fire Engine Company	2726	..	..	" 17.
..	..	..	1	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	9 1/4	6	5 1/2	6,255	1884	Clapp & Jones Company... ..	430	1899	New boiler and rebuilt, American Fire Engine Company	" 18.
..	1	..	..	..	Crane neck.....	Circular tube, 62-inch by 33-inch.....	Double	7 3/4	8	4 1/2	9,067	1880	La France Company.....	146	1899	New boiler and rebuilt, La France Company.....	" 18.
1	..	..	..	..	Crane neck.....	Sectional tube, 66-inch by 36-inch.....	Double	9	8	5 1/2	9,473	1899	American Fire Engine Company	2664	..	..	" 19.

Size.					Style of		Size in Inches of			Manufacturer's		New Boilers, Pumps, Etc.					
1.	2.	3.	4.	5.	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Weight with Water.	When Built or Placed in Service.	Name.	Number.	When.	By Whom.	Where in Service.	
1	..	..	..	..	Crane neck.....	Sectional tube, 64-inch by 35-inch.....	Double	9	8	5 1/2	8,360	1893	American Fire Engine Company.....	2220	..	..	Engine 20.
1	..	..	..	..	Crane neck.....	Sectional tube, 64-inch by 35-inch.....	Double	9	8	5 1/2	8,155	1892	American Fire Engine Company.....	2152	..	..	" 21.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7 1/4	8	4 1/2	6,940	1894	La France Company.....	297	1898	Repaired by La France Company.....	" 22.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7 1/4	8	4 1/2	7,284	1895	La France Company.....	335	1900	..	" 23.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8 3/4	9	5 1/4	9,315	1896	La France Company.....	369	..	..	" 24.
1	..	..	..	..	Crane neck.....	Sectional tube, 64-inch by 34-inch.....	Double	9	8	5 1/2	8,460	1891	Clapp & Jones Company...	559	1892	New tubes, American Fire Engine Company.....	" 25.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9 1/4	6	5 1/2	6,306	1884	Clapp & Jones Company...	436	1898	New boiler and rebuilt, La France Company.....	" 26.
1	..	..	..	..	Crane neck.....	Sectional tube, 60-inch by 32-inch.....	Double	8 1/2	7	5	7,790	1882	Clapp & Jones Company...	381	1895	New boiler and rebuilt, American Fire Engine Company.....	" 26.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9 1/4	6	5 1/2	6,306	1884	Clapp & Jones Company...	434	1898	New boiler and rebuilt, La France Company.....	" 27.
1	..	..	..	..	Crane neck.....	Sectional tube, 64-inch by 35-inch.....	Double	9	8	5 1/2	8,385	1893	American Fire Engine Company.....	2221	..	..	" 27.
..	1	..	..	..	Crane neck.....	Nest tube, 66-inch by 31-inch.....	Double	7 1/4	8	5 1/2	8,810	1886	La France Company.....	108	1897	New boiler and rebuilt, La France Company.....	" 28.
1	..	..	..	..	Crane neck.....	Nest tube, 65-inch by 36-inch.....	Double	8 3/4	9	5 1/4	9,545	1897	La France Company.....	378	..	..	" 29.
1	..	..	..	..	Crane neck.....	Fox vertical, 66-inch by 36-inch.....	Double	9	8	5 1/2	9,360	1890	Clapp & Jones Company...	544	1902	New boiler and rebuilt, International Fire Engine Company.....	" 30.
1	..	..	..	..	Crane neck.....	Nest tube, 65-inch by 36-inch.....	Double	8 3/4	9	5 1/4	9,597	1899	La France Company.....	411	..	..	" 31.
..	1	..	..	..	Crane neck.....	Nest tube, 60-inch by 33-inch.....	Double	8 3/4	8	4 3/4	7,920	1893	La France Company.....	258	..	..	" 31.
..	1	..	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7 1/2	7	4 3/4	7,346	1883	Clapp & Jones Company...	413	1896	New boiler and rebuilt, American Fire Engine Company.....	" 32.
1	..	..	..	..	Crane neck.....	Nest tube, 64-inch by 36-inch.....	Double	8 3/4	9	5 1/4	9,940	1900	La France Company.....	435	..	..	" 33.
..	1	..	..	..	Crane neck.....	Sectional tube, 32-inch by 62-inch.....	Double	7 1/2	7	4 1/2	7,739	1887	Clapp & Jones Company...	491	1898	New boiler and rebuilt, American Fire Engine Company.....	" 33.
1	..	..	..	..	Crane neck.....	Nest tube, 62-inch by 36-inch.....	Double	8 3/4	9	5	9,240	1896	La France Company.....	348	..	..	" 34.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8 1/2	6	4 3/4	7,710	1890	La France Company.....	186	1898	Repaired, La France Company.....	" 35.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	7	7	4 3/4	6,925	1894	American Fire Engine Company.....	2296	..	..	" 36.
..	..	1	..	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	6 1/2	7	4	6,590	1898	American Fire Engine Company.....	2596	..	..	" 37.
..	..	1	..	..	Crane neck.....	Submerged flue, 60-inch by 28 1/4-inch.....	Double	6 1/2	8	3 3/4	6,660	1898	Amoskeag Manufacturing Company.....	739	..	..	" 38.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7 1/4	8	4 3/4	7,287	1895	La France Company.....	336	..	..	" 39.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7 1/4	8	4 3/4	6,882	1892	La France Company.....	233	..	..	" 40.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	9 1/4	6	5 1/2	5,300	1881	Clapp & Jones Company...	375	1897	New boiler and rebuilt, American Fire Engine Company.....	" 41.
..	..	1	..	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	6 1/2	7	4	6,610	1898	American Fire Engine Company.....	2597	..	..	" 42.
..	1	..	..	..	Crane neck.....	C. and J., 62-inch by 32-inch.....	Double	8 1/2	7	5	7,530	1896	American Fire Engine Company.....	2432	..	..	" 43.
..	1	..	..	..	Crane neck.....	Sectional coil, 62-inch by 30-inch.....	Double	6 3/4	8	4 1/2	6,210	1883	Ahrens Manufacturing Company.....	360	1893	New boiler and rebuilt, La France Company.....	" 45.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7 1/2	7	4 1/2	7,560	1901	American Fire Engine Company.....	2802	..	..	" 46.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8 1/4	6	4 3/4	7,450	1889	La France Company.....	163	..	..	" 47.
..	..	1	..	..	Straight frame....	Pen tube, 62-inch by 30-inch.....	Double	9 1/4	6	5 1/2	5,895	1883	Clapp & Jones Company...	409	1898	New boiler and rebuilt, American Fire Engine Company.....	" 48.
..	..	1	..	..	Crane neck.....	Sectional tube, 30-inch by 60-inch.....	Double	9 1/4	6	5 1/2	5,300	1881	Clapp & Jones Company...	371	..	..	" 49.
..	1	..	..	..	U tank.....	La France, 31-inch by 61-inch.....	Double	8	12	4 3/4	6,750	1866	Amoskeag Manufacturing Company.....	160	1889	New boiler and rebuilt, La France Company.....	" 49.
..	1	..	..	..	U tank.....	La France, 31-inch by 61-inch.....	Double	8	12	4 3/4	6,520	1865	Amoskeag Manufacturing Company.....	158	1888	New boiler, La France Company.....	" 49.
..	1	..	..	..	Crane neck.....	C. and J., 31-inch by 62-inch.....	Double	6 3/4	8	4 1/2	6,800	1871	Amoskeag Manufacturing Company.....	360	..	..	" 49.
..	1	..	..	..	Straight frame....	La France, 31-inch by 66-inch.....	Double	6 3/4	8	4 1/2	6,700	1868	Amoskeag Manufacturing Company.....	296	1886	New boiler, La France Company.....	" 49.
..	1	..	..	..	U tank.....	La France, 31-inch by 61-inch.....	Double	8	12	4 3/4	6,750	1866	Amoskeag Manufacturing Company.....	159	1879	New boiler, Amoskeag Company.....	" 49.
..	..	1	..	..	Crane neck.....	Submerged flue, 62-inch by 31-inch.....	Double	6 1/2	8	4	7,200	1895	Manchester Locomotive Works.....	714	1899	New boiler and rebuilt, American Fire Engine Company.....	" 50.
..	..	1	..	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	7 1/2	6	4 3/4	5,030	1884	Clapp & Jones Company...	452	..	..	" 51.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7 1/2	7	4 1/2	7,940	1900	American Fire Engine Company.....	2727	..	..	" 53.
1	..	..	..	..	Crane neck.....	Nest tube, 65-inch by 36-inch.....	Double	8 3/4	9	5 1/4	9,642	1897	La France Company.....	377	..	..	" 54.
1	..	..	..	..	Crane neck.....	Sectional tube, 60-inch by 36-inch.....	Double	9	8	5 1/2	9,448	1899	American Fire Engine Company.....	2663	..	..	" 55.
..	..	1	..	..	Crane neck.....	Nest tube, 62-inch by 30-inch.....	Double	7 1/4	8	4 3/4	7,930	1900	La France Company.....	437	..	..	" 56.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7 1/4	8	4 3/4	6,935	1893	La France Company.....	256	..	..	" 58.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	7	7	4 3/4	6,925	1894	American Fire Engine Company.....	2297	..	..	" 59.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7 1/4	8	4 3/4	7,074	1895	La France Company.....	321	..	..	" 60.
..	..	1	..	..	Crane neck.....	Nest tube, 62-inch by 31-inch.....	Double	9 1/4	6	5 1/2	6,310	1881	Clapp & Jones Company...	365	1897	New boiler, La France Company.....	" 61.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9 1/4	6	5 1/2	5,300	1881	Clapp & Jones Company...	368	1896	New boiler, La France Company.....	" 62.
1	..	..	..	..	Crane neck.....	Nest tube, 65-inch by 36-inch.....	Double	8 3/4	9	5 1/4	9,600	1898	La France Company.....	395	..	..	" 65.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 28-inch.....	Double	6 3/4	7	4	6,670	1898	La France Company.....	400	..	..	" 67.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 28-inch.....	Double	6 3/4	7	4	6,590	1898	La France Company.....	399	..	..	" 68.
..	..	1	..	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	7 1/2	6	4 3/4	6,097	1882	Clapp & Jones Company...	397	1899	New boiler and rebuilt, American Fire Engine Company.....	" 69.
..	..	1	..	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	9 1/4	6	5 1/2	6,315	1884	Clapp & Jones Company...	433	1899	New boiler and rebuilt, American Fire Engine Company.....	" 70.
..	..	1	..	..	Crane neck.....	Submerged flue, 60-inch by 28 1/4-inch.....	Double	6 1/2	8	3 3/4	6,625	1899	Amoskeag Manufacturing Company.....	740	..	..	" 71.
1	..	..	..	..	Crane neck.....	Nest tube, 64-inch by 30-inch.....	Double	8 3/4	9	5 1/4	9,767	1900	La France Company.....	424	..	..	" 72.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9 1/4	6	5 1/2	5,750	1881	Clapp & Jones Company...	359	1896	New boiler and rebuilt, La France Company.....	" 73.
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7 1/2	7	4 1/2	7,520	1901	International F. E. Company; American F. E. Company.....	2803	..	..	" 74.
..	..	1	..	..	Crane neck.....	Fox tube, 30-inch by 60-inch.....	Double	6 1/2	7	4	6,630	1901	International F. E. Company; American F. E. Company.....	2801	..	..	" 75.
In use from sunset to sunrise.....	Searchlight.....	Nest tube, 60-inch by 28-inch.....	Single	5	5	..	7,300	1900	La France Company.....	1	..	..	..	..	..	Bullock marine type multipolar generator of 5 kilowatts, 2.18-inch projector lamps.....	Hook and Ladder 24
In use from sunset to sunrise.....	Searchlight.....	Nest tube, 60-inch by 26-inch.....	Single	5	5	..	7,360	1901	La France Company.....	2	..	..	..	..	..	Bullock marine type multipolar generator of 5 kilowatts, 1.16-inch projector and 1.16-inch reflector lamp.....	Engine 20.
4-wheel chemical engine.....	First size.....	..	..	..	..	..	..	..	..	1873	Babcock Manufacturing Company.....	101	..	..	..	Fifteenth Battalion.	
4-wheel chemical engine.....	First size.....	..	..	..	..								

Combination chemical engine and hose wagon (single tank).....	Charged 4,090	1896 Fire Engine Manufacturing Company.....	3	.....	"	61.
Combination chemical engine and hose wagon (single tank).....	Charged 4,320	1896 Chas. T. Holloway.....	2	.....	"	63.
Combination chemical engine and hose wagon (single tank).....	Not charged 3,470	1899 Rumsey & Co.....	6	.....	"	64.
Chemical engine (double tank).....	Charged 4,615	1886 Fire Engine Manufacturing Company.....	1	.....	Hook and Ladder 19.	
Combination chemical engine and hose wagon (single tank).....	Not charged 3,470	1899 Rumsey & Co.....	7	.....	Engine 70.	
Chemical engine (double tank).....	Not charged 3,410	1898 Fire Engine Manufacturing Company.....	4	.....	Hook and Ladder 22.	
Chemical engine (double tank).....	Not charged 4,250	1898 Chas. T. Holloway.....	5	.....	"	23.
Two hand engines.....	.....	.....	.....	.....	Engine 49.	

Classified Description of Hook and Ladder Trucks.

Size Nos.	Style.	Longest Ladder.	Manufacturer.	When Built or Placed in Service.	Department Registered Number.	Where Used.
1	Regulation roller frame.....	75 foot extension	Rumsey & Co., Seneca Falls, N. Y.....	1892	39	Hook and Ladder 1
1	Aerial turn-table.....	85 foot extension	La France Fire-engine Company, Elmira, N. Y.....	1894	46	Hook and Ladder 2
1	Aerial extension ladder.....	85 foot extension	F. S. Seagrave, Columbus, Ohio.....	1902	65	Hook and Ladder 2
1	Hayes' turn-table.....	85 foot extension	La France Company, Elmira, N. Y.....	1886	30	Hook and Ladder 3
1	Aerial turn-table.....	85 foot extension	La France Company, Elmira, N. Y.....	1893	42	Hook and Ladder 4
1	Steel roller frame.....	70 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1893	44	Hook and Ladder 5
1	Steel roller frame.....	70 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1890	37	Hook and Ladder 5
2	Babcock aerial turn-table.....	70 foot extension	The Fire Extinguisher Manufacturing Company, Chicago, Ill., for S. F. Hayward & Co., New York.....	1900	63	Hook and Ladder 6
1	Hayes' turn-table.....	85 foot extension	La France Company, Elmira, N. Y.....	1891	38	Hook and Ladder 7
1	Steel roller frame.....	70 foot.....	Rumsey & Co., Seneca Falls, N. Y.....	1892	40	Hook and Ladder 8
1	Steel roller frame.....	70 foot.....	Rumsey & Co., Seneca Falls, N. Y.....	1892	41	Hook and Ladder 9
1	Steel roller frame.....	70 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1894	45	Hook and Ladder 10
1	Steel roller frame.....	70 foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1895	50	Hook and Ladder 11
1	Hayes' turn-table.....	85 foot extension	La France Company, Elmira, N. Y.....	1886	31	Hook and Ladder 12
1	Hayes' aerial ex-tension.....	85 foot extension	International Fire-engine Company, New York.....	1901	222	Hook and Ladder 13
1	Dederick aerial ex-tension.....	85 foot extension	International Fire-engine Company, New York.....	1901	64	Hook and Ladder 13
2	Hayes' turn-table.....	75 foot extension	La France Company, Elmira, N. Y.....	1888	34	Hook and Ladder 14
1	Hayes' turn-table.....	85 foot extension	La France Company, Elmira, N. Y.....	1900	61	Hook and Ladder 15
1	Dederick aerial ex-tension.....	85 foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1900	60	Hook and Ladder 16
2	Dederick aerial ex-tension.....	65 foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1898	57	Hook and Ladder 17
1	Regulation roller frame.....	65 foot.....	Repair Shop, New York.....	1872	12	Hook and Ladder 18
2	Roller frame.....	60 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1893	43	Hook and Ladder 19
1	Dederick aerial ex-tension.....	89 foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	53	Hook and Ladder 20
1	Hayes' turn-table.....	85 foot extension	La France Company, Elmira, N. Y.....	1887	32	Hook and Ladder 20
1	Dederick aerial ex-tension.....	85 foot extension	La France Company, Elmira, N. Y., for International Fire-engine Company, New York.....	1902	66	Hook and Ladder 21
2	Roller frame.....	73 foot extension	Repair Shop.....	1869	6	Hook and Ladder 21
2	Roller frame.....	60 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1894	47	Hook and Ladder 22
1	Aerial extension ladder.....	75 foot extension	F. S. Seagrave, Columbus, Ohio.....	1902	68	Hook and Ladder 22
2	Regulation roller frame.....	60 foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1898	58	Hook and Ladder 23
1	Dederick aerial ex-tension.....	85 foot extension	Gleason, Bailey & Rumsey, branch of International Fire-engine Company.....	1901	62	Hook and Ladder 24
1	Dederick aerial ex-tension.....	75 foot extension	Gleason, Bailey & La France Company, for International Fire-engine Company.....	1902	67	Hook and Ladder 25
3	Goose neck.....	60 foot.....	.....	Vol. Dept.	4	Engine 49
..	Two wheel.....	40 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	4	Engine 49
..	Two wheel.....	40 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	5	Engine 49
..	Two wheel.....	50 foot.....	Bangor Ladder Company.....	1894	1	Engine 49
..	Two wheel.....	50 foot.....	Bangor Ladder Company.....	1895	3	Engine 49
2	Roller frame.....	50 foot.....	Repair Shop, New York.....	1882	22	Engine 50
3	Roller frame.....	40 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1895	48	Engine 45
3	Roller frame.....	40 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1895	49	Engine 52
3	Roller frame.....	40 foot.....	Hoepfner & Wuest, New York.....	1898	55	Engine 48
3	Roller frame.....	40 foot.....	Rumsey & Co., Seneca Falls, N. Y.....	1896	51	Engine 61
3	Roller frame.....	40 foot.....	Rumsey & Co., Seneca Falls, N. Y.....	1896	52	Engine 62
3	Roller frame.....	40 foot.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1898	54	Engine 68
3	Roller frame.....	40 foot extension	Hoepfner & Wuest, New York.....	1899	56	Engine 69
3	Roller frame.....	40 foot extension	Rumsey & Co., Seneca Falls, N. Y.....	1899	59	Engine 70
2	Roller frame.....	50 foot.....	Repair Shop, New York.....	1883	20	First Battalion, spare.
1	Roller frame.....	65 foot.....	Repair Shop, New York.....	1881	19	Second Battalion, spare.
1	Roller frame.....	73 foot.....	Repair Shop, New York.....	1878	18	Fourth Battalion, spare.
1	Roller frame.....	70 foot.....	Repair Shop, New York.....	1872	11	Tenth Battalion, spare.
1	Roller frame.....	70 foot extension	Fire-engine Manufacturing Company, Chicago, Ill.....	1883	25	Twelfth Battalion, spare.
1	Roller frame.....	70 foot.....	Repair Shop, New York.....	1872	36	Twelfth Battalion, spare.
2	Roller frame.....	50 foot.....	Repair Shop, New York.....	1877	16	Thirteenth Battalion, spare.
..	Roller frame.....	50 foot.....	Fire Extinguisher Manufacturing Company, Chicago, Ill.....	1883	27	Fifteenth Battalion, spare.
..	Two wheel.....	50 foot.....	Joseph S. Smith, Bangor, Me.....	1899	6	Fifteenth Battalion, spare.
..	Two wheel.....	50 foot.....	Bangor Extension Ladder Company, Bangor, Me.....	1895	2	Fifteenth Battalion, spare.

Classified Description of Hose Tenders, Hose Wagons, Boat Tenders, Water Towers, Etc.

Style.	Manufacturer.	When Built or Placed in Service.	Registered Number.	Where Used.
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1898	58	Engine 1
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1897	53	Engine 2
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1892	24	Engine 3
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1899	77	Engine 4
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1899	73	Engine 5
Second-size hose wagon.....	Sebastian Manufacturing Company, New York City, N. Y.....	1898	59	Engine 5
Second-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	48	Engine 6
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	52	Engine 7
Hose wagon.....	International Fire-engine Company, Seneca Falls, N. Y.....	1901	80	Engine 8
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1891	18	Engine 9
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	82	Engine 9
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1897	54	Engine 10
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	83	Engine 11
Two-wheel tender.....	Repair Shop.....	.....	21	Engine 12
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	84	Engine 12
Two-wheel tender.....	Repair Shop.....	1883	50	Engine 13
First-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	39	Engine 13
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1889	3	Engine 13
Hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1895	35	Engine 14
First-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	38	Engine 15
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1898	72	Engine 16
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	44	Engine 16
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1891	16	Engine 17
Two-wheel tender.....	Repair Shop.....	1880	41	Engine 18
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	85	Engine 18
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1891	10	Engine 19
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1899	74	Engine 19
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	86	Engine 20
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1898	71	Engine 21
Second-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1894	32	Engine 22
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	87	Engine 23
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	51	Engine 24
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1891	19	Engine 25
First-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	40	Engine 26
Four-wheel tender.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1889	86	Engine 26
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	43	Engine 26
Four-wheel tender.....	Fire-engine Manufacturing Company, Chicago, Ill.....	1884	63	Engine 27
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1893	30	Engine 27
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	88	Engine 28
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1897	56	Engine 29
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1899	75	Engine 30
Four-wheel tender.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1886	69	Engine 31
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1893	31	Engine 31
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1891	12	Engine 31
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1892	23	Engine 32
Hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1894	36	Engine 33
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1892	20	Engine 33
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1892	21	Engine 34
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	41	Engine 35
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1894	33	Engine 36
Second-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	60	Engine 37
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1893	29	Engine 38
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	45	Engine 39
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1892	25	Engine 40
Hose wagon.....	Repair shop (altered from supply wagon).....	1891	11	Engine 41
Four-wheel tender.....	J. U. Bauchelle, Elizabeth, N. J.....	1883	56	Engine 42
Second-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	63	Engine 42
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	42	Engine 44
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	64	Engine 45
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	65	Engine 46
Second-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	61	Engine 47
Four-wheel tender.....	P. J. Nevins, New York City, N. Y.....	1882	49	Engine 48
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	66	Engine 48
Two-wheel tender.....	Repair Shop.....	.....	12	Engine 49
Two-wheel tender.....	Repair Shop.....	1885	67	Engine 49
Two-wheel tender.....	Repair Shop.....	1871	30	Engine 49
Two-wheel tender.....	Amoskeag Manufacturing Company, Manchester, N. H.....	.....	8	Engine 49
Two-wheel tender.....	Repair Shop.....	.....	28	Engine 49
Two-wheel tender.....	Repair Shop.....	.....	27	Engine 49
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1890	6	Engine 49
Eight two-wheel hose jumpers.....	.....	.....	.....	Engine 49
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	47	Engine 50
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	67	Engine 52
Four-wheel tender.....	Fire-engine Manufacturing Company, Chicago, Ill.....	1885	66	Engine 52

Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	46	Engine 53
Hose wagon	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1892	26	Engine 53
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1897	55	Engine 54
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1899	76	Engine 55
Second-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	62	Engine 56
Hose wagon	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1893	28	Engine 58
Hose wagon	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1894	34	Engine 59
Second-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1895	37	Engine 60
Second-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	49	Engine 62
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1898	57	Engine 65
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	68	Engine 67
Third-size hose wagon.....	E. B. Preston, Chicago, Ill.....	1899	2	Engine 68
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	69	Engine 68
Third-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1899	70	Engine 69
Four-wheel tender	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1888	83	Engine 69
Second-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1896	50	Engine 71
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1899	78	Engine 72
Third-size hose wagon.....	International Fire-engine Company, Seneca Falls, N. Y.....	1901	79	Engine 73
Second-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	89	Engine 74
Second-size hose wagon.....	The Seagrave Company, Columbus, O.....	1901	90	Engine 75
First-size water tower (Hale's patent)...	Kansas City Fire Department Supply Company, Kansas City, Mo.....	1890	4	Second Battalion
First-size water tower (Hale's patent)...	Kansas City Fire Department Supply Company, Kansas City, Mo.....	1892	5	Second Battalion
First-size water tower (Hale's patent)...	Fire-engine Manufacturing Company, Chicago, Ill., for S. F. Hayward, New York.....	1895	6	Hook and Ladder 24
First-size water tower (Hale's patent)...	Fire-engine Manufacturing Company, Chicago, Ill., for S. F. Hayward, New York.....	1898	7	Hook and Ladder 3
First-size water tower (Hale's patent)...	Fire-engine Manufacturing Company, Chicago, Ill., for S. F. Hayward, New York.....	1900	8	Engine 31
Fuel wagon	Located at No. 28 Beaver street.....	Fuel Depot No. 1	1st	Battalion
Fuel wagon	Located at No. 5 Duane street.....	Fuel Depot No. 2	2d	Battalion
Fuel wagon	Located at No. 199 Chrystie street.....	Fuel Depot No. 5	3d	Battalion
Fuel wagon	Located at No. 157 Mercer street.....	Fuel Depot No. 23	3d	Battalion
Fuel wagon	Located at No. 180 Clinton street.....	Fuel Depot No. 4	4th	Battalion
Fuel wagon	Located at quarters Engine 24.....	Fuel Depot No. 7	5th	Battalion
Fuel wagon	Located at quarters Engine 28.....	Fuel Depot No. 9	6th	Battalion
Fuel wagon	Located at quarters Engine 3.....	Fuel Depot No. 10	7th	Battalion
Fuel wagon	Located at quarters Engine 19.....	Fuel Depot No. 11	7th	Battalion
Fuel wagon	Located at No. 100 East Thirty-third street.....	Fuel Depot No. 12	8th	Battalion
Fuel wagon	Located at quarters Hook and Ladder 2.....	Fuel Depot No. 14	8th	Battalion
Fuel wagon	Located at quarters Engine 2.....	Fuel Depot No. 13	9th	Battalion
Fuel wagon	Located at quarters Engine 23.....	Fuel Depot No. 15	9th	Battalion
Fuel wagon	Located at quarters Engine 54.....	Fuel Depot No. 13	9th	Battalion
Fuel wagon	Located at quarters Engine 22.....	Fuel Depot No. 16	10th	Battalion
Fuel wagon	Located at No. 209 East One Hundred and Twenty-second street.....	Fuel Depot No. 19	12th	Battalion
Fuel wagon	Located at quarters Engine 53.....	Fuel Depot No. 18	10th	Battalion
Fuel wagon	Located at No. 58 Lawrence street.....	Fuel Depot No. 20	13th	Battalion
Fuel wagon	Located at quarters Hook and Ladder 22.....	Fuel Depot No. 17	11th	Battalion
Fuel wagon	Located at quarters Engine 50.....	Fuel Depot No. 22	14th	Battalion
Fuel wagon	Located at quarters Hook and Ladder 17.....	Fuel Depot No. 21	14th	Battalion
Fuel wagon	Located at quarters Engine 52.....	Fuel Depot No. 24	15th	Battalion
Fuel wagon	Located at quarters Engine 30.....	Fuel Depot No. 6	5th	Battalion
Fuel wagon	Located at quarters Hook and Ladder 3.....	Fuel Depot No. 9	6th	Battalion
One four-wheel carriage.....				13th Battalion
One two-wheel jumper.....				13th Battalion

DESCRIPTION OF FIRE BOATS IN SERVICE.

"Zophar Mills" (Engine 51).

Length over all, 120 feet; beam, 25 feet; draught, forward, 9 feet; aft, 12 feet; hull, iron; tonnage, 185.49; horsepower, 575; 1 condensing engine; diameter, 30 inches; stroke, 30 inches; 2 boilers, locomotive pattern; steam pressure, 65 pounds; single screw; pumps, double, 16-9-7½, 16-9-7½; capacity of each, 1,500 gallons per minute—3,000 gallons; built 1882. Designer and architect, Charles H. Haswell. Constructors—Hull, engine and boilers, the Pusey & Jones Company, Wilmington, Delaware, \$45,800; pumps, Clapp & Jones Manufacturing Company, Hudson, New York, \$11,400; total cost, \$57,200.

"The New Yorker" (Engine 57).

Length over all, 125.5 feet; beam, 26 feet; draught, forward, 9 feet; aft, 12 feet; hull, steel; tonnage, 243.37; horsepower, 800; 1 triple expansion engine; cylinders, high pressure, 15 inches; intermediate, 24 inches; low, 39 inches; stroke, 24 inches; 2 boilers, Scotch pattern; steam pressure, 148 pounds; single screw; pumps, double, 16½-11-10, 17-11-10; capacity of each, 6,500 gallons per minute—13,000 gallons; built 1891. Designer and architect, Charles H. Haswell. Constructors—Hull, Julius Jonson, New York City, \$34,800; engines, Brown & Miller, Jersey City, \$23,650; boilers, McNeil & McLochlin, Greenpoint, Long Island, \$19,800; pumps, La France Fire Engine Company, Elmira, New York, \$10,000; Clapp & Jones Manufacturing Company, Hudson, New York, \$10,000; total cost, \$98,250.

"William L. Strong" (Engine 66).

Size—Length, 110 feet 10 inches; width, 24 feet; draught, 9 feet. Hull, engines and boilers built by J. H. Dialogue & Son, Camden, New Jersey. Designer and architect, H. de B. Parsons, New York City. Steel hull. Two Scotch boilers; diameter of each, 10 feet by 1¾ inches; 132 tubes in each boiler. Two Morrison suspension furnaces; diameter of furnaces, 38½ inches; grate surface of both, 77 square feet; heating surface of both, 2,100 square feet. Engine—Single screw invert fore-and-aft compound engine; length of stroke of piston, 22 inches; diameter steam cylinder, high pressure, 16 inches; low pressure, 30 inches; maximum horsepower of engine, 338. Fire pumps—Two sets single directing duplex crank and flywheel; each steam cylinder, diameter, 17 inches; each water cylinder, diameter, 10 inches; stroke, 11 inches; capacity of each pump, about 3,250 gallons per minute; total capacity of both pumps, 6,500 gallons per minute; cost of pumps, \$8,500. Cost of boat, boilers and engine, \$47,990. Total cost, \$56,490. Four 6-inch and eight 3½-inch discharge gates. Three swivel nozzle standpipes.

New Fireboats.

A new fireboat is in process of construction, the description of which is as follows:

Length over all, 117 feet 9½ inches.
Breadth moulded, 24 feet 3½ inches.
Draught loaded, 9 feet 6 inches.

Hull, engine and boilers to be built by the New York Shipbuilding Company, Camden, N. J., at a cost of \$70,000. Consulting Engineer and Designer H. de B. Parsons, New York City; steel hull; two Scotch boilers, diameter of each 10 feet 9 inches by 11 feet 9½ inches in length; two Morrison suspension furnaces, diameter of furnaces 40 inches; engines of the compound inverted surface condensing to drive a single screw; diameter of high pressure cylinder, 17 inches; low pressure, 34 inches, each having a stroke of 24 inches; maximum indicated horse-power, 500; fire pumps, three vertical duplex double-acting fire pumps with three swivel nozzle standpipes, to be built by the American Fire Engine Company at a cost of \$11,000. Total cost of boat, \$81,000.

Plans, drawings and specifications have been prepared by Tams, Lemoine & Crane, naval architects, for a second new fireboat, the contract for which will be advertised at public letting early in the ensuing year.

The last Legislature passed an act which received the sanction of the Mayor and the approval of the Governor, and is known as chapter 553 of the Laws of 1902, providing that the Fire Department shall, through its fireboats, possess over the waters of the harbor around The City of New York, similar jurisdiction to that which it now exercises through its apparatus companies on land. The bill was drawn by representatives of the large shipping interests and was heartily supported by the Maritime Exchange, the opposition coming from the tugboat owners who were not unnaturally antagonistic to a measure which would result to their pecuniary detriment. The necessity for the law arose from the fact that the operations of the fireboats on the occasion of river conflagrations have in the past been seriously hampered by the activity of tugboats of all sizes anxious to establish a claim to salvage by attaching a hawser to the burning vessel.

The new fireboat built during the last year of the Strong administration was named the "William L. Strong," in honor of the then Mayor, through whose instrumentality largely the Board of Estimate and Apportionment was prevailed upon to provide the necessary funds for its construction. Upon the advent of the succeeding administration, the name was changed to the "Robert A. Van Wyck," and upon the accession to the Commissionership of the Department of the present incumbent, the original name of the boat was restored.

VOLUNTEER SYSTEM, BOROUGH OF RICHMOND.

Rossville Fire Department.

1 Foreman. 28 Firemen.
2 Assistant Foremen. 1 Hook and Ladder Company (with hose wagon attached).

Pleasant Plains Fire Department.

2 Foremen. 1 Engine Company (gasolene).
4 Assistant Foremen. 1 Hook and Ladder Company.
1 Engineer of Steamer. 1 Hose Company (in connection with engine company, no appropriation).
65 Firemen.

New Dorp Fire Department.

1 Foreman. 1 Hook and Ladder Company (with hose wagon attached).
2 Assistant Foremen.
23 Firemen.

Tottenville Fire Department.

1 Chief Engineer. 79 Firemen.
2 Assistant Chief Engineers. 1 Engine Company.
3 Foremen. 1 Hose Company (in connection with engine company, no appropriation).
6 Assistant Foremen. 2 Hook and Ladder Companies.
1 Engineer of Steamer.

Kreischerville Fire Department.

1 Foreman. 26 Firemen.
2 Assistant Foremen. 1 Hook and Ladder Company.

Huguenot Fire Department.

1 Foreman. 1 Engine Company (hand engine).
2 Assistant Foremen. 1 Hose Company (in connection with engine company, no appropriation).
28 Firemen.

Edgewater Fire Department.

1 Chief Engineer. 5 Assistant Engineers.
3 Assistant Chief Engineers. 543 Firemen.
18 Foremen. 5 Engine Companies.
36 Assistant Foremen. 3 Hook and Ladder Companies.
5 Engineers of Steamer. 10 Hose Companies.

North Shore Fire Department.

1 Chief Engineer. 5 Engine Companies (4 steamer and 1 hand).
4 Assistant Engineers. 7 Hook and Ladder Companies.
21 Foremen. 8 Hose Companies.
40 Assistant Foremen. 1 Patrol Company.
8 Engineers.
652 Firemen.

Chapter 612 of the Laws of 1899, amending the provisions of section 722 of the Greater New York Charter as enacted in 1897, relating to volunteer fire companies, provided that annual allowances for the support and maintenance of incorporated volunteer fire companies in the borough of Richmond should be made by the Board of Estimate and Apportionment, as follows: Engine companies, \$1,200 each; hook and ladder companies, \$1,000 each; hose and patrol companies, \$800 each.

A further amendment has been added in the revised Charter of 1901 to the section in question, empowering said Board, in its discretion, to appropriate such sums of money as it may deem necessary for the purchase of apparatus for the use of the several volunteer companies and for the maintenance of fire alarm telegraph system in the borough of Richmond, as also in the borough of Queens.

With the proceeds of Special Revenue Bond issues authorized by the Board of Estimate and Apportionment and the Board of Aldermen, amounting to \$50,300, the borough of Richmond, before the middle of the coming year, will have an up-to-date system of fire alarm telegraphic communication, and many of its pressing needs, not only in the way of new apparatus, but of horses, hose, and general equipment as well, it is anticipated will have been met and satisfied.

Number and Character of Alarms and Manner of Receipt.

Alarms.	From Department Street Alarm Boxes.	Special Department Telegraph Signals.	Verbally.	Automatic Telegraph.	Total.
Fires	4,035	15	1,742	48	5,840
Indication of fire.....	265	2	59	8	334
Unnecessary	246	7	17	83	353
Total.....	4,546	24	1,818	139	6,527

Alarms were communicated by attaches of this Department..... 12
Alarms were communicated by attaches of Police Department..... 139
Alarms were communicated by district key-holders..... 122
Alarms were communicated by citizen key-holders..... 40
Alarms were communicated by all other means..... 6,214

Total..... 6,527

Statistics of Fires.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
In buildings—													
Confined to point of starting	542	455	461	445	442	413	457	356	323	369	378	509	5,150
Confined to building	29	33	17	15	23	17	21	13	11	21	17	40	257
Extended to other buildings	4	6	6	4	9	9	5	2	4	2	2	5	58
In vessels	4	2	3	1	3	2	1	4	2	1	5	1	25
In places other than buildings and vessels	10	20	36	26	43	30	24	35	28	37	50	11	350
Total	585	516	523	491	520	471	508	410	368	430	452	566	5,840

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Extinguished without engine stream	340	281	305	301	322	302	340	257	230	282	287	334	3,581
Extinguished with one engine stream	183	184	179	147	155	129	135	117	111	116	134	166	1,756
Extinguished with two or three engine streams	42	33	25	30	34	30	25	25	22	22	19	54	361
Extinguished with more than three engine streams	20	18	14	13	9	10	8	11	5	10	12	12	142
Total	585	516	523	491	520	471	508	410	368	430	452	566	5,840

Extent of Damage to Buildings and Vessels.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Built mainly of brick, stone or iron—													
Slight	50	45	36	43	38	23	40	19	23	28	28	45	418
Considerable	14	8	9	4	6	8	7	6	2	5	11	7	87
Destroyed	4	4	1	1	1	1	1	1	1	1	1	1	6
Built mainly of wood—													
Slight	5	5	2	1	4	7	4	2	2	4	3	5	44
Considerable	5	3	1	3	4	4	6	4	5	2	4	2	42
Destroyed	1	2	3	1	3	1	1	3	1	1	1	1	16
Total	75	67	50	51	55	43	59	34	33	40	46	60	613

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Between 6 a. m. and 6 p. m.	324	268	266	245	254	220	246	205	183	214	234	320	2,979
Between 6 p. m. and 6 a. m.	261	248	257	246	266	251	262	205	185	216	218	246	2,861
Total each month	585	516	523	491	520	471	508	410	368	430	452	566	5,840

Note.—The report of the Bureau of Chief of Department shows the total number of fires during the year to have been 5,840; that of the Bureau of Fire Marshal, 5,839. The fire February 22 at the Seventy-first Regiment armory, which extended to the Park Avenue Hotel, is entered on the records of the former office as two separate and distinct fires; on the records of the latter as one.

Water Consumption.

First quarter	19,188,829 gallons, of which 8,365,450 gallons were river water.
Second quarter	8,344,969 " " " 2,959,800 " " " "
Third quarter	6,197,577 " " " 3,184,875 " " " "
Fourth quarter	15,301,107 " " " 1,630,025 " " " "
Total	49,032,542 " " " 16,146,150 " " " "

BUREAU CHIEF OF DEPARTMENT, FIRE ALARM TELEGRAPH BRANCH.

Report for the Boroughs of Manhattan, The Bronx and Richmond, for the Year Ending December 31, 1902.

CHARLES D. PURROY, Esq., Acting Chief of Department:

Sir—I have the honor to transmit herewith report of operations of the Fire Alarm Telegraph Branch, Bureau Chief of Department, boroughs of Manhattan and The Bronx, for the year ending December 31, 1902, as follows:

Alarms and Calls.

First alarms from street boxes (by Auxiliary 55)	4,540
Automatic Signal Company	94
Pneumatic Signal Company	58
Special Fire Alarm Electrical Signal Company	15
Public special building signals	6
Alarms by public telephone	100
Police Headquarters	14
Second alarms	112
Third alarms	57
Fourth alarms	11
Fifth alarms	3
Simultaneous call	1

Special Calls for

Engine companies	29
Hook and ladder companies	68
Water tower	6
Searchlight engine	1
Insurance patrols	100
Ambulances	219
Notice of still alarms	1,528
Messages received	14,100
Messages transmitted	5,462
The alarm system of the Department comprises the following signal stations:	
Street boxes, Class 1 (3 added during year)	807
Street boxes, Class 2 (3 added during year)	274
Public schools (6 added during year)	199
City institutions, etc. (1 added during year)	67
Total	1,347

The following fire alarm signal stations are maintained by auxiliary fire alarm companies outside of the Department:

Automatic Signal Telegraph Company (61 added during year)	1,126
Manhattan Fire Alarm Company (1 disconnected during year)	690
Special Building Signal Company (65 added during year)	490
Pneumatic Fire Alarm Company (26 added during year)	337

The underground system consists of 128 1-5 miles of cable in subways, or 986 2-5 miles of conductor.

During the year 32,439 feet of cable were laid, of which 28,403 feet were for repairs and alterations and 4,036 feet were for extensions to the underground system.

Seven hundred and fifty-one and seven-twelfths feet of subsidiary duct were laid, of which 648 1-3 feet were for repairs and alterations and 103 1/4 feet were for extensions to the underground system.

Forty-nine miles of aerial wire were put up, of which 26 1/2 miles were for alterations and repairs and 22 1/2 miles for extensions to the system.

Thirty poles were set, 113 old and dangerous poles taken down, and 35 2-10 miles of old wire were taken down.

A most important undertaking is now in progress, which will result in materially increasing the effectiveness of the Department's telegraph service. In the year 1870, when the fire alarm telegraph system was established in that portion of the City now known as the borough of Manhattan, there were 700 boxes installed upon 50 circuits, and subsequently the same circuits were extended to the present borough of The Bronx and some 300 additional boxes added thereto. Since then from time to time new boxes have been added until the circuits originally installed are now carrying a total of 1,347 alarm boxes, with the result that some of the circuits are of too great length and all so overloaded that it militates against their efficient operation, rendering imperative increased construction of lines to relieve the congested condition in this regard at present existing. To this end cables containing a large number of conductors are now being placed on the Third Avenue elevated railway structure (under an agreement in writing, entered into between the management of the company and this Department) for connection with the underground system in the borough of Manhattan, south of Sixty-seventh street, which will afford the means necessary for dividing 15 of the existing circuits and the forming of new ones, making in all thirty circuits, and locating thereon an average number of twenty boxes on each circuit, as against forty boxes on the original circuits; an advantage which, in the event of the breaking of any of the circuits, can scarcely be overestimated, particularly when considered in conjunction with the fact that all the circuits will be shorter and less liable than now to interruption from numerous underground cable troubles of frequent occurrence.

An improvement in the condition of the system has also been made in the borough of The Bronx by the establishment in Tremont of a branch central office, which has been fully equipped with electrical appliances and is operated exclusively for the reception and transmission of alarms of fire in that borough. The creation of this office is indeed a noteworthy event in the history of the fire alarm telegraph system, in that in case of emergency it can be made a substitute for the Manhattan office, and as now arranged the Bronx office relieves it of the care and maintenance of some 400 miles of aerial lines which are subject to frequent interruption from sleet and other storms. Furthermore the division made of the lines shortens their routes and reduces the number of instruments on each circuit.

As a result of the various improvements made in the system, it may safely be stated that the efficiency of its service has been increased fully one hundred per cent.

The new fire alarm telegraph system now in process of installation in the borough of Richmond will, when completed, as it will be before the close of the summer of 1903, place that borough in possession of a modern system of communicating alarms for fire far superior to that in the borough of Queens, and equal to, and in many respects in advance of, that existing in the boroughs of Manhattan, The Bronx and Brooklyn, in that it will embrace the latest devices for the protection of telegraph apparatus from damage by lightning and fire, and from interruption from other causes.

The instructions of the Commissioner, who has given close attention to the subject in all its details, that the new electric plant should embody all the latest improvements extant and be up to date in every respect, have been faithfully observed by his staff of experts, whose labors have been greatly facilitated by the valuable and intelligent aid afforded by the President of the Borough of Richmond, and the result will be one in which all concerned will have reason to take just pride.

Following is a description of the new system, the cost of installing which, under existing and contemplated contracts, will approximate the sum of \$36,000.

The fire alarm telegraph headquarters are situated on the ground floor of the Richmond Building, New Brighton, the operating room being on the street level and open to the public view. The basement will be used for the storage of the supplies necessary for the maintenance and repairing of the system. Installed in the operating room will be a new combination switchboard controlling fourteen circuits, eight of which will be used at first, leaving six for the increase of circuits when increase in population and property interests shall require. The operating room will receive all alarms from the Tottenville, New Dorp, Edgewater and North Shore departments, and from it, at the will of the operator, may be sent out alarms to any or all of the above-mentioned departments, either together or severally, as the exigencies of the case demand. It is also arranged in the apparatus of the switchboard that, at the will of the operator, this may also be done by the citizen operating the box or station in any part of the borough. On account of the distance to be traveled and the sparsely settled territory at the lower end of the borough, the districts under New Dorp and Tottenville are arranged for local alarm systems, each having a local alarm circuit of its own, but intercommunicating with each other and with the central office at New Brighton, and these systems are so arranged conjointly that a disruption of one will not interfere with the other. Each fire company is supplied with a gong and register to announce the alarms. The gongs ring the number of the box and the register records the same by punching holes in the tape, so there can be no mistake as regards the signal. The number and location of the fire alarm stations are so distributed that in the North Shore department there are fifty-two; Edgewater, twenty-nine; New Dorp, twelve, and Tottenville, fourteen—a total of one hundred and seven. The numbers of the boxes are so arranged that from 0 to 100 are in the Tottenville and New Dorp districts, commencing with the lowest number at Tottenville. The Edgewater district numbers are from 200 to 300; the North Shore, 300 to 500; so that, on hearing an alarm, a citizen may know the location of the fire in any part of the borough by the number sounded. In addition to the gongs and registers supplied to each fire company, there are also furnished to the engine rooms of several manufacturing establishments, situated advantageously, similar apparatus, to the end that the man on watch may repeat the alarm on the whistle and thus alarm the inhabitants. At present the necessity for this public alarm is apparent, for the reason that the departments are volunteer, but in case of a paid department being installed, these whistles will be discontinued, as there will then be no necessity for their use.

On the completion of the installation of the system, the citizens of the borough will find in the Headquarters telegraph office a box installed for practice use in acquainting themselves with the correct way to send in an alarm whenever found necessary, and also instructions what to do in case of fire.

Respectfully submitted,

GEORGE FARRELL, Chief Operator in Charge.

NOTABLE FIRES.

January 1—Fire at Nos. 310-314 Eighth avenue, a four-story brick building, 75 by 150 feet, occupied as a theatre. Fire originated on first floor and extended by stairways and galleries to second, third and fourth floors, considerably damaging the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Purroy, Chiefs of Battalion Gooderson, Binns, Ross and Langford, and Acting Chiefs of Battalion Coleman and Winter. The services of 20 engines (including Searchlight Engine 2), 5 hook and ladder companies and 1 water tower were required, and the duration of the fire was four hours. The first alarm was received at 1.08 o'clock a. m. At 1.12 and 1.15 o'clock a. m., respectively, the third and fourth alarms were sent out.

January 19—Fire at No. 686 Broadway, a five-story granite front building, 40 by 100 feet, occupied by dealers in artificial flowers and feathers. Fire originated in sub-cellar and extended through pipe recesses, flooring and stairways to cellar and first floor, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chiefs of Department Ahearn and Purroy, Chiefs of Battalion Kenny, Burns and Langford, and Acting Chief of Battalion King. The services of 16 engines (including Searchlight Engine 1) and 4 hook and ladder trucks were required, and the duration of the fire was three hours and thirty minutes. The department was first notified of this fire by an alarm received at 5.14 o'clock p. m., from Automatic Station 4-648; at 5.19 o'clock p. m. the first alarm was sent from box 279, followed at 5.29 and 5.36 p. m. o'clock, respectively, by the second and third alarms. At this fire several members of the department were hurt and a number overcome by smoke and gas.

January 26—Fire at No. 19 Bond street, a five-story brick building, 30 by 75 feet, occupied by dealer in cloths. Fire originated on fourth floor and extended by way of flooring and waste pipe to fifth floor, considerably damaging the build-

ing. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Kenny, Langford, Burns and Guerin, and Acting Chief of Battalion Devanney. The services of 13 engines, 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was two hours and thirty minutes. The first alarm was received at 2.13 p. m. At 2.15½ and 2.25½ o'clock p. m., respectively, the second and third alarms were sent out.

January 27—Fire in Park avenue, in a seven-story stone building, 250 by 150 feet, extending from Fortieth to Forty-first street, and occupied as a hotel. Chief officers present were Chief of Department Croker, Deputy Chief of Department Purroy, Chiefs of Battalion Farrell, Burns and Ross, and Acting Chief of Battalion Skelly. The services of 3 engines and 4 hook and ladder trucks were required, and the duration of the fire was thirty minutes. Fire was caused by an explosion in the Rapid Transit tunnel on Fourth avenue, between Fortieth and Forty-first streets, which damaged the Manhattan Eye and Ear Hospital, the Grand Union Hotel, the Grand Central Depot and several other buildings in the neighborhood and resulted in the killing of five persons and the injury of sixty-nine. The first alarm was sent from Station 493 at 12.02 o'clock p. m., followed seven minutes later by a third alarm from Box 480.

January 28—Fire at Nos. 26 to 30 Bleecker street, a seven-story brick building, 75 by 100 feet, occupied by manufacturers of clothing. The fire originated on the sixth floor and extended by way of stairway and pipe recesses to the seventh floor, considerably damaging the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Kenny and Langford and Acting Chiefs of Battalion Coleman, King and Brogan. The services of 19 engines (including 1 searchlight engine), 5 hook and ladder trucks and 1 water tower were required, and the duration of the fire was two hours and thirty minutes. The first alarm was received at 6.40 p. m. At 6.56, 7 and 7.07 o'clock p. m., respectively, the second, third and fourth alarms were sent out.

February 15—Fire at Sixtieth and Sixty-first streets, Broadway and Central Park West, three-story brick unoccupied building, 75 by 200 by 250 feet. Fire originated on first floor and by burning through flooring extended throughout the entire building, destroying it. Chief officers present were Chief of Department Croker, Deputy Chief of Department Purroy, Chiefs of Battalion Farrell and Gooderson and Acting Chiefs of Battalion Skelly and Sheridan. The services of 13 engines and 4 hook and ladder trucks were required, and the duration of the fire was two hours. Several members of the Department were injured at this fire and the water supply was found to be inadequate. The first alarm was received at 1.56 p. m. At 2.03 and 2.07 o'clock p. m., respectively, the second and third alarms were sent out.

February 22—Fire on east side of Fourth avenue, extending from Thirty-third to Thirty-fourth street, a three-story brick and stone building, 200 by 250 feet, occupied by the Seventy-first Regiment, N. G., N. Y., as an armory. The fire originated on the third floor of the armory, and before the arrival of the apparatus companies had extended throughout the building, the result being its destruction. It also extended to the Park Avenue Hotel, an eight-story iron and brick building, 200 by 225 feet, located on the west side of Fourth avenue and running from Thirty-second to Thirty-third street; also to No. 120 East Thirty-fourth street, a six-story brick building, 50 by 90 feet, occupied as a dwelling, with trifling damage thereto; also by sparks blowing through open window to No. 105 East Thirty-first street, a two-story frame building, 25 by 30 feet, occupied as a stable and carpenter shop, slightly damaging the same. Chief officers present were Chief of Department Croker, Deputy Chief of Department Duane, Chiefs of Battalion Ross, Farrell and Burns and Acting Chiefs of Battalion Skelly and Winter. The services of 28 engines, 11 hook and ladder trucks and 1 water tower were required, and the duration of the fire was six hours and forty minutes. A number of rescues were effected under difficult circumstances from the Park Avenue Hotel by members of the uniformed force at personal risk to themselves. Twenty-one persons lost their lives by suffocation, burning and jumping from the hotel windows. The first alarm was received at 1.30 o'clock a. m. At 1.33, 2.10 and 2.50 o'clock a. m., respectively, the third, fourth and fifth alarms were sent out.

February 25—Fire at Nos. 236-238 Elizabeth street, a six-story brick building, 50 by 75 feet, occupied as a cigar manufactory. Fire originated on first floor and extended by way of elevator shaft, stairways and flooring to the second, third, fourth, fifth and sixth floors, destroying the building. It also extended by sparks and burning embers to Nos. 287, 289 and 291 Elizabeth street, a six-story brick building, 75 by 75 feet, occupied for dwelling purposes, with trifling damage to the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Kenny and Langford and Acting Chiefs of Battalion King, Brogan and Coleman. The services of 20 engines, 5 hook and ladder trucks and 1 water tower were required, and the duration of the fire was three hours and thirty minutes. The first alarm was received at 7.49 o'clock p. m. At 7.56, 7.57½ and 8.10 o'clock p. m., respectively, the second, third and fourth alarms were sent out.

March 3—Fire at Nos. 210 and 212 Canal street, a six-story brick building, 50 by 75 feet, occupied for business purposes. The fire originated on the third floor and extended by airshaft to first, second, fourth, fifth and sixth floors and roof, considerably damaging building. Also through windows to No. 214 Canal street, a seven-story brick building, 25 by 125 feet, occupied for dwelling and business purposes, considerably damaging building. Also in the same way to Nos. 206 and 208 Canal street, a six-story brick building, 50 by 75 feet, occupied for business purposes, with trifling damage to building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Kenny and Langford and Acting Chiefs of Battalion King, Brogan and Honan. The services of 19 engines, 5 hook and ladder trucks and 1 water tower were required, and the duration of the fire was five hours. On the arrival of the Department the fire had entire control of the five floors of the building Nos. 210-212 Canal street, and of the four upper floors of the building No. 214 Canal street. Several persons were injured by jumping to the street before the arrival of the Department, and Blacella Duscanta, who leaped from the seventh story window to the yard, was killed. Several members of the Department were slightly injured at this fire. The first alarm was received at 8.08½ o'clock a. m. At 8.10 and 8.19 o'clock a. m., respectively, third and fourth alarms were sent out.

March 20—Fire at No. 637-641 West Forty-eighth street, a three-story brick building, 75 by 90 feet, occupied as a piano factory. Fire originated on first floor and extended by windows throughout the building, considerably damaging the same. Also to Nos. 633-635 West Forty-eighth street, a five-story brick building, 50x100 feet, likewise occupied as a piano factory, considerably damaging the building. Chief officers present were Chief of Department Croker, Acting Deputy Chief of Department Cashman, Chiefs of Battalion Farrell, Gooderson, Callaghan and Ross, and Acting Chief of Battalion Skelly. The services of 20 engines (including Searchlight Engine 2), 6 hook and ladder trucks and 1 water tower were required, and the duration of the fire was four hours. The first alarm was received at 6.37 o'clock p. m. At 6.43, 6.53, 7.14 and 8.20 o'clock p. m., respectively, the second, third, fourth and fifth alarms were sent out. A special call was sent for Water Tower No. 2.

May 13—Fire at Nos. 101-103 Duane street, a five-story brick and iron front building, 20 by 200 feet, occupied by various business concerns. Fire originated in sub-cellar and extended to cellar, first, second, third, fourth and fifth floors and roof of Nos. 101-103 Duane street, and cellar, first and second floors of Nos. 10-12 Thomas street, by means of deadlights and pipe recesses, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Duane, Chiefs of Battalion Martin, Kenny, Langford and Guerin, and Acting Chief of Battalion Honan. The services of 19 engines (including Searchlight Engine 1), 5 hook and ladder trucks and 1 water tower were required. The duration of the fire was 2 hours. The Department was first notified of this fire by an alarm received at 3.09½ o'clock a. m., from Automatic Station 4-385; at 3.37½ o'clock a. m. the first alarm was sent from box 85, followed at 3.42, 3.50 and 4.08 o'clock a. m. by second, third and fourth alarms. Special calls were sent for Hook and Ladder Company 15 and Water Tower No. 2. Chief of Battalion Martin, who responded on the automatic signal, reports that on arrival at the fire he examined the buildings on both streets and found smoke issuing from stock-bins on the fifth floor of Nos. 101-103 Duane street; that he had the stock removed and found no indication of fire other than smoke at that point, but finally discovered the fire to be in the cellar and sub-cellar midway between both streets.

May 19—Fire at Nos. 49-51 Chrystie street, a six-story brick building, 50 by 100 feet, occupied by stables, sweatshops and for dwelling purposes. Fire originated on second floor and extended by burning through flooring to third, fourth, fifth and

sixth floors, considerably damaging the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn and Chiefs of Battalion Martin, Kenny, Guerin and Langford. The services of 14 engines (including Searchlight Engine 1) and 4 hook and ladder trucks were required, and the duration of the fire was one hour. The first alarm was received at 1.43 o'clock a. m., and at 1.47 o'clock a. m. the third alarm was sent out. Several members of the Department were injured at this fire. Nine horses were burned to death, and 29 persons rescued from fire escapes and adjoining building by members of the uniformed force.

May 27—Fire at southeast corner of Twenty-eighth street and Thirteenth avenue, a seven-story brick building, 75 by 700 feet, occupied as a storage warehouse. Fire originated on the first floor and extended through elevator shaft to the second, third, fourth and fifth floors and roof, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Duane, Acting Deputy Chief of Department Cashman, and Chiefs of Battalion Gooderson, Binns, Ross and Burns. The services of 15 engines, 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was five hours. The first alarm was received at 10.01 o'clock a. m. At 10.06½ and 10.07 o'clock a. m., respectively, the second and third alarms were sent out.

June 25—Fire at No. 79 Ann street, a seven-story brick building, 25 by 60 feet, occupied by wholesale druggists. The fire originated on the second floor and extended through belt holes and hoistways to third, fourth, fifth, sixth and seventh floors, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Kruger and Martin, and Acting Chiefs of Battalion Larkin and Honan. The services of 13 engines (including Searchlight Engine 1) and 4 hook and ladder trucks were required, and the duration of the fire was one hour and thirty minutes. The first alarm was received at 9.12 o'clock p. m. At 9.59 and 10.14 o'clock p. m., respectively, the second and third alarms were sent out.

July 4—Fire at No. 256 West Twenty-eighth street, a five-story brick building, 25 by 80 feet, used as a sawmill. Fire originated on first floor and extended by windows to second, third, fourth and fifth floors, considerably damaging the building. It also extended to No. 257 West Twenty-seventh street, a five-story brick building, 25 by 80 feet, used as a foundry, slightly damaging the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Cashman, Chiefs of Battalion Gooderson, Ross and Burns, and Acting Chief of Battalion Skelly. The services of 15 engines (including Searchlight Engine 2), 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was two hours and thirty minutes. The first alarm was received at 12.32 o'clock a. m. At 12.37 and 12.41 o'clock a. m., respectively, the second and third alarms were sent out.

July 25—Fire at Nos. 24 to 27 West street, a six-story brick building, 80 by 60 feet, occupied by manufacturers of electric batteries. Fire originated on fifth floor and extended by stairway to sixth floor, considerably damaging the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Martin, Kenny and Langford, and Acting Chiefs of Battalion Devanney and Hayes. The services of 14 engines (including Searchlight Engine 1), 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was two hours. The first alarm was received at 2.03 o'clock a. m. At 2.19 and 2.32 o'clock a. m., respectively, the second and third alarms were sent out.

August 25—Fire at Nos. 504 and 506 West Fourteenth street, a four-story brick building, 60 by 100 feet, occupied as a packing box factory and dwelling. Fire originated on the first floor and extended by elevator shafts to second, third and fourth floors, considerably damaging the building. Chief officers present were Deputy Chief of Department commanding Purroy, Deputy Chief of Department Duane, Chiefs of Battalion Gooderson, Burns and Kenny, and Acting Chief of Battalion Worth. The services of 17 engines (including Searchlight Engine 2), 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was seven hours and thirty minutes. The first alarm was received at 8.02 o'clock p. m. At 8.09 o'clock p. m. the third alarm was sent out.

August 28—Fire at No. 315 West One Hundred and Twenty-first street, a five-story brick building, 25 by 80 feet, occupied as a dwelling. Fire originated on first floor and extended by means of stairways to second, third, fourth and fifth floors, considerably damaging building. Chief officers present were Deputy Chief of Department Purroy, commanding; Deputy Chief of Department Cashman, Chiefs of Battalion Short and Gray, and Acting Chiefs of Battalion Barrett and Sullivan. The services of 10 engines and 4 hook and ladder trucks were required, and the duration of the fire was three hours and ten minutes. At this fire several persons were rescued by members of the uniformed force. The first alarm was received at 3.48 o'clock a. m. At 4.01 o'clock a. m. the third alarm was sent out.

October 3—Fire at Nos. 21-23 Horatio street, a six-story brick building, 75 by 100 feet, occupied as a stable. Fire originated in the cellar, considerably damaging the building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Duane, Chiefs of Battalion Gooderson and Langford, and Acting Chiefs of Battalion Coleman and Larkin. The services of 14 engines (including Searchlight Engine 1) and 4 hook and ladder trucks were required, and the duration of the fire was three hours. The first alarm was received at 2.37 o'clock a. m. At 2.43 and 2.58 o'clock a. m., respectively, the second and third alarms were sent out.

October 10—Fire at Nos. 478-480 Pearl street, a six-story building, 50 by 100 feet, occupied by electrotypers and printers. Fire originated on the second floor and extended by pipe recesses and stairway to third, fourth, fifth and sixth floors and roof, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chiefs of Department Duane and Ahearn, Chiefs of Battalion Kruger, Langford, Guerin and Kenny, and Acting Chiefs of Battalion Hayes, King and Larkin. The services of 16 engines, 5 hook and ladder trucks and 1 water tower were required, and the duration of the fire was five hours. The first alarm was received at 6.35 o'clock a. m. At 6.45, 6.51 and 7.47 o'clock a. m., respectively, second, third and fourth alarms were sent out.

October 15—Fire at No. 339 West Sixteenth street, a five-story brick building, 25 by 100 feet, occupied as a stable. Fire originated on first floor and extended by way of elevator shaft and stairway to second, third, fourth and fifth floors, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Duane, Chiefs of Battalion Gooderson, Kenny and Langford, and Acting Chief of Battalion Coleman. The services of 12 engines (including Searchlight Engine 2), 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was three hours. The first alarm was received at 12.03 o'clock a. m. At 12.08 and 12.13 o'clock a. m., respectively, the second and third alarms were sent out. A man of the name of John A. Spencer was found in the rear of the stable overcome by smoke and removed to the New York Hospital, where he died. Thirty horses were either suffocated or burned to death at this fire.

November 4—Fire at Nos. 260-263 West street, a seven-story brick building, 75 by 100 feet, occupied by a tea company. Fire originated in the cellar and extended by burning through flooring to first floor, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Langford, Kenny, Kruger and Martin. The services of 13 engines (including Searchlight Engine 1) and 4 hook and ladder trucks were required, and the duration of the fire was six hours and twenty minutes. The Department was first notified of this fire by alarm received at 11.02 p. m., from Pneumatic Station 10-551, at 11.02 o'clock p. m. The first alarm was sent from box 161 at 11.08 o'clock p. m., followed at 11.18 and 11.22 o'clock p. m., respectively, by second and third alarms.

November 10—Fire at Delancey street and East river, on top of the tower of the new Brooklyn Bridge, and extending from platform through stairway and roadways to pier under bridge, considerably damaging the structure. Chief officers present were Chief of Department Croker, Deputy Chiefs of Department Duane and Ahearn, and Chiefs of Battalion Guerin, Martin and Kenny. The services of 7 engines (including Searchlight Engine 1) and 3 hook and ladder trucks were required, and the duration of the fire was twelve hours. Considerable difficulty was experienced in coping with this fire, as it originated on the main platform of the bridge tower, 330 feet above the street or pier level. As the tower was not equipped with standpipes or fire appliances of any kind, water could only be obtained by the stretching of a line of hose to the top of the platform, which was a most difficult and dangerous process owing to the construction of the tower. The height at which the fire was burning, the continual falling of missiles, the burning away of ladders and platforms leading to the main platform of the tower, and the repeated bursting and cutting off of the hose, made the task of extinguish-

ing the fire a most difficult one. By persistent effort on the part of the Department forces, in the face of most discouraging conditions, the fire was finally extinguished. This was the greatest height at which a fire was ever fought and extinguished in the history of the Department. First alarms were sent from Stations 199 and 198 at 4.42 and 5.15 o'clock p. m., respectively, and at 2.03 o'clock a. m. on the following morning a second alarm was sent out.

November 29—Fire at No. 442 Broadway, between Howard and Grand streets, with L. to No. 36 Howard street, a four-story brick and stone building, 25 by 175 feet, occupied by dealers in umbrellas and dry goods. The fire originated on second floor and extended to the third and fourth floors, through pipe recesses and light shaft, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chiefs of Department Duane and Ahearn, and Chiefs of Battalion Martin, Kenny, Langford and Kruger, and Acting Chief of Battalion King. The services of 11 engines (including Searchlight Engine 1), 4 hook and ladder trucks and 1 water tower were required, and the duration of the fire was one hour and fifteen minutes. The Department was first notified of this fire by alarm received at 4.24 o'clock p. m., from Automatic Station at 4.27 o'clock p. m. At 4.25 o'clock the first alarm was sent from box 145, followed at 4.32 and 4.41 o'clock p. m., respectively, by second and third alarms.

December 10—Fire at Nos. 43 and 45 East Fifty-eighth street, an eight-story brick and stone building, 50 by 90 feet, occupied as an apartment house. Fire originated in cellar and extended by means of elevator and dumbwaiter shaft to first, second and third floors, slightly damaging building. Chief officers present were Chief of Department Croker, Acting Deputy Chief of Department Binns, Chiefs of Battalion Farrell and Ross and Acting Chiefs of Battalion Duffy and Dougherty. The services of 3 engines and 2 hook and ladder trucks were required, and the duration of the fire was thirty minutes. The first alarm was received at 3.43 o'clock p. m. At 3.48 p. m. the third alarm was sent out. While returning to quarters from this fire, Engine Companies 2, 21, 40, 54 and 74 were notified that a third alarm had been sent from Station 615, and proceeded to said fire. Engine Companies 8, 23 and 39, and Hook and Ladder Company 16 were also ordered to proceed to the third alarm from Station 615.

December 10—Fire at No. 18 West Sixty-fifth street, a five-story brick building, 25 by 90 feet, occupied as a dwelling. Fire originated on second floor and extended by stairway to third, fourth and fifth floors and roof, considerably damaging the building. It also extended to No. 16 West Sixty-fifth street, a five-story brick building, 25 by 90 feet, occupied as a dwelling, with trifling damage to building. Also to No. 20 West Sixty-fifth street, a five-story brick building, 25 by 90 feet, occupied as a dwelling, with trifling damage to same. Chief officers present were Chief of Department Croker, Deputy Chief of Department Purroy, Chiefs of Battalion Farrell, Callaghan, Gooderson, Ross, Kenny and Binns, and Acting Chiefs of Battalion Duffy and Dougherty. The services of 10 engines and 6 hook and ladder trucks were required, and the duration of the fire was one hour and fifteen minutes. The first alarm was received at 3.57 o'clock p. m. At 4.07 o'clock p. m., a second alarm was ordered sent out by Deputy Chief of Department Purroy, as also a third alarm. At 4.16 o'clock p. m., a simultaneous call was sent out for all companies due on the third alarm at Station 427 to respond to Station 615. There being no regularly assigned engine companies to respond on first alarm, special call was sent for Engine Company 56 and for Searchlight Engine 2. The following companies also responded to this fire while located in other company quarters covering the unprotected territory: Hook and Ladder Company 22, while located at quarters of Hook and Ladder Company 16; Engine Company 5, while located at quarters of Engine Company 2; Engine Company 18, while located at quarters of Engine Company 23; Hook and Ladder Company 21, while located at quarters of Hook and Ladder Company 4. While returning from Station 575, Engine Companies 1, 2, 21, 40, 54 and 74 were notified of this fire and proceeded thereto, and Engine Companies 8, 23 and 39 and Hook and Ladder Company 16 were ordered to proceed to this fire from Station 575. At this fire Mary Parker and her daughter Lilian jumped from the third floor window to the street before the arrival of the Department, receiving severe injuries, and were removed to the Roosevelt Hospital.

December 15—Fire at No. 2415 First avenue, a five-story brick building, 30 by 85 feet, occupied as a dwelling. Fire originated on second floor and extended by stairways to the third, fourth and fifth floors, considerably damaging building. Chief officers present were Chief of Department Croker, Deputy Chief of Department Purroy, Chiefs of Battalion Short and Gray, and Acting Chief of Battalion Dougherty. The services of 9 engines and 3 hook and ladder trucks were required, and the duration of the fire was four hours and thirty minutes. The first alarm was received at 3.58 o'clock a. m., and at 4.07 o'clock a. m. the third alarm was sent out. At this fire Mrs. Mary Bond and her three children were found dead on the fifth floor by members of the uniformed force.

December 22—Fire at Nos. 214 to 224 East Twenty-second street, a six-story brick building, 250 by 125 feet, occupied by manufacturers of pianos. Fire originated in the cellar and had extended to all the floors, as well as to the roof, before the arrival of the uniformed force, considerably damaging the building. Chief officers present were Acting Chief of Department Purroy, Deputy Chief of Department Duane, Acting Deputy Chief of Department Binns, Chiefs of Battalion Ross, Kenny and Farrell, and Acting Chief of Battalion Winter. The services of 25 engines (including Searchlight Engine 2), 7 hook and ladder trucks and 1 water tower were required, and the duration of the fire was thirteen hours. The first alarm was received at 8.17 o'clock p. m. At 8.26, 8.31, 8.41 and 9.05 o'clock p. m., respectively, the second, third, fourth and fifth alarms were sent out. A special call was also sent for Hook and Ladder Company 5.

Fire at Pier 35 North river, foot of Spring street, one and three story wood and iron building, 75 by 800 feet, occupied by the Ocean Steamship Company. Fire originated on the second floor and extended by way of scuttle and ladder traps to third floor and loft, considerably damaging the building. Chief officers present were Acting Chief of Department Purroy, Deputy Chief of Department Ahearn, Chiefs of Battalion Kelly, Martin and Kruger, and Acting Chief of Battalion Worth. The services of 9 engines and 4 hook and ladder trucks were required, and the duration of the fire was three hours and thirty minutes. The first alarm was received at 9.33 o'clock p. m. At 9.38 and 9.47 o'clock p. m., respectively, second and third alarms were sent out.

December 31—Fire at Nos. 167 and 169 Wooster street, a six-story brick building, 50 by 75 feet, occupied by manufacturers of feather pillows. Fire originated in cellar and extended through flooring to first floor, slightly damaging building. Chief officers present were Acting Chief of Department Purroy, Deputy Chief of Department Ahearn, Chiefs of Battalion Kenny, Burns and Martin, and Acting Chiefs of Battalion Worth and Brogan. The services of 13 engines and 4 hook and ladder trucks were required, and the duration of the fire was one hour. The first alarm was received at 12.45 o'clock p. m. At 12.47, 12.50 and 12.58 o'clock p. m., respectively, the second, third and fourth alarms were sent out.

December 31—Fire at Nos. 167 and 169 Wooster street, a six-story brick building, 50 by 75 feet, occupied by manufacturers and printers. Fire originated on third floor and extended by stairway, steampipes, flooring, etc., to fourth, fifth and sixth floors, considerably damaging building. Chief officers present were Acting Chief of Department Purroy, Deputy Chief of Department Ahearn, Acting Deputy Chief of Department Binns, Chiefs of Battalion Kenny, Burns and Martin, and Acting Chiefs of Battalion Worth and Brogan. The services of 21 engines (including Searchlight Engine 1), 5 hook and ladder trucks and 1 water tower were required, and the duration of the fire was three hours and thirty minutes. This fire originated at a point alongside of rear wall between two windows where an electric motor stood, and was caused by the overloading of the electrical apparatus which furnished power to the loft occupied by a Mr. Gladstone. The first alarm was received at 2.05 o'clock p. m. At 2.06 and 2.15 o'clock p. m., respectively, the third and fourth alarms were sent out.

APPOINTMENTS TO THE UNIFORMED FORCE, 1902.

During the year 1902 one hundred and twenty-five (125) probationary Firemen, having satisfactorily completed their course in the School of Instruction, were appointed fourth-grade Firemen, with salary, each, of \$800 per annum, and assigned to duty in the various apparatus companies of the borough of Manhattan.

Ninety-six (96) probationary Firemen were appointed during the year, eighty-five (85) of whom qualified and are included among the number of fourth-grade Firemen appointed as mentioned in the preceding paragraph; the remaining eleven (11) will not have completed their course in the School of Instruction until during the month of January in the coming year.

PROMOTIONS IN THE UNIFORMED FORCE DURING THE YEAR 1902.

Date.	Name and Rank or Grade.	Company.	Rank and Company.
Jan. 1	Thomas King, No. 2, Fireman first grade	Engine 53	Assistant Foreman, Hook and Ladder 9.
Jan. 18	Thomas F. Freel, Foreman	Engine 8	Fire Marshal.
May 22	Daniel F. Sanders, Fireman first grade.	Engine 13	Engineer of Steamer, Engine 9.
May 22	John D. Scannell, Fireman first grade.	Engine 37	Engineer of Steamer, Engine 8.
June 6	John H. Link, Fireman first grade....	Engine 13	Assistant Foreman, Engine 21.
June 6	Louis A. Craco, Fireman first grade..	Engine 71	Assistant Foreman, Engine 41.
June 8	John J. Cashman, Chief of 14th Battalion		Deputy Chief of Department.
July 3	Francis J. Gray, Foreman	Engine 37	Chief of 14th Battalion.
July 3	Michael J. Fitzgerald, Assistant Foreman	Engine 6	Foreman Hook and Ladder 15.
July 21	William C. Clark, Foreman	Engine 6	Chief of 36th Battalion.
July 21	William J. Walsh, Engineer of Steamer	Engine 31	Assistant Foreman, Hook and Ladder 63.
July 21	Gerhardt E. Weber, Engineer of Steamer	Engine 33	Assistant Foreman, Engine 104.
July 21	Charles Schwimbersky, Engineer of Steamer	Engine 39	Assistant Foreman, Engine 143.
July 21	Samuel Roxbury, Engineer of Steamer	Engine 33	Assistant Foreman, Engine 152.
July 21	John Regan, Fireman first grade....	Hook and Ladder 22	Assistant Foreman, Engine 120.
July 21	Frederick Smith, Fireman first grade..	Engine 52	Assistant Foreman, Engine 164.
July 21	Robert C. Ruckholdt, Engineer of Steamer	Engine 18	Assistant Foreman, Hook and Ladder 18.
July 21	Daniel Haggerty, Engineer of Steamer.	Engine 12	Assistant Foreman, Engine 6.
July 21	William Frank, Fireman first grade....	Engine 7	Engineer of Steamer, Engine 31.
July 21	John F. Flanagan, Fireman first grade.	Engine 1	Engineer of Steamer, Engine 33.
Aug. 15	James Malone, Assistant Foreman....	Engine 16	Foreman, Engine 13.
Aug. 15	Jacob Beekler, Assistant Foreman....	Engine 42	Foreman, Engine 75.
Aug. 15	Francis M. Fuchs, Assistant Foreman..	Engine 40	Foreman, Engine 7.
Aug. 15	Daniel J. Conway, Assistant Foreman..	Engine 60	Foreman, Engine 6.
Aug. 15	James A. Regan, Fireman first grade..	Engine 66	Assistant Foreman, Engine 16.
Aug. 15	Luke C. Porteus, Engineer of Steamer.	Engine 15	Assistant Foreman, Hook and Ladder 66.
Aug. 15	John F. Conway, Fireman first grade..	Engine 39	Assistant Foreman, Engine 53.
Aug. 22	Walter H. Tompkins, Fireman first grade	Hook and Ladder 22	Assistant Foreman, Hook and Ladder 22.
Aug. 22	James Flynn, Fireman first grade....	Engine 53	Assistant Foreman, Engine 4.
Aug. 22	Robert Paul, Fireman first grade....	Engine 38	Assistant Foreman, Engine 40.
Nov. 15	Henry E. Sullivan, Engineer of Steamer	Engine 5	Assistant Foreman, Engine 13.
Nov. 15	George W. Fillhardt, Engineer of Steamer	Engine 28	Assistant Foreman, Engine 25.
Nov. 15	Thomas F. McCue, Fireman first grade.	Hook and Ladder 25	Assistant Foreman, Hook and Ladder 8.
Nov. 15	Arthur Rooney, Fireman first grade...	Engine 3	Assistant Foreman, Engine 161.
Nov. 15	Edward J. Matthews, Fireman first grade.	Engine 57	Assistant Foreman, Engine 154.

REINSTATEMENT IN THE UNIFORMED FORCE DURING THE YEAR 1902.

June 25—Alfred J. Stuart, as Engineer of Steamer, Engine Company 17, as the result of a rehearing of the charges upon which he had been dismissed, authorized by chapter 554, Laws of 1902.

RESIGNATIONS IN THE UNIFORMED FORCE DURING THE YEAR 1902.

Date.	Name.	Position.	Company.
May 18	James F. Lynch, Jr.	Fireman, Fourth Grade	Engine Co. 13
20	John Loosen	Fireman, Third Grade	H. & L. Co. 15
Aug. 12	Michael Clancey	Fireman, Fourth Grade	H. & L. Co. 6
Sept. 23	Joseph W. Finnegan	Fireman, Fourth Grade	Engine Co. 7

DISMISSED OR DROPPED FROM THE ROLLS OF THE UNIFORMED FORCE DURING THE YEAR 1902.

Date.	Name.	Position.	Company.
Jan. 8	Maurice Neagle	Fireman, Third Grade	Engine Co. 31
Feb. 16	Michael F. Merron	Fireman, First Grade	Engine Co. 29
Mar. 3	Henry A. Bohme	Engineer of Steamer	Engine Co. 14
" 7	Patrick J. Brennan, No. 2.	Assistant Foreman	Engine Co. 72
" 8	Thomas F. Rice	Fireman, First Grade	Engine Co. 3
April 6	Arthur F. Gampe	Fireman, Fourth Grade	Engine Co. 21
Oct. 18	Patrick F. Ryan	Chief of Construction and Repairs to Apparatus	
Oct. 21	Charles J. Brogan	Fireman, Fourth Grade	Engine Co. 29
Nov. 11	William D. McCarron	Fireman, First Grade	Engine Co. 23
" 11	Thomas J. D. Carrigan	Assistant Foreman	H. & L. Co. 6
Dec. 1	Edward F. Croker	Chief of Department	

CHANGES IN PERSONNEL, NON-UNIFORMED FORCE, 1902.

Appointed.		
Fire Marshal	1	Wheelwright
Secretary Relief Fund	1	Hose Repairer's Helper
Cashier	1	Plumbers
Senior Clerks	2	Painter
Junior Clerks	2	Tinsmiths
Stenographers and Typewriters	3	Cable Splicers
Architectural Draughtsmen	3	Climbers
Inspector of Buildings	1	Telephone Operator
Superintendent of Construction and Repairs	1	Driver
Weighmaster	1	Watchman
Machinists	2	Cleaner
Machinist's Helper	1	Elevator Attendant
Blacksmiths	2	Stoker
Blacksmiths' Helpers	2	
Carpenters	3	Total
		48

Reinstated.

(By Order of Supreme Court.)

Stenographer and Typewriter	1
Inspector of Fire Alarm Boxes	1

Total 2

Suspension Revoked and Restored to Duty.

Watchmen	2
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Promoted.

Stenographer and Typewriter to fifth grade Clerk	1
Groundman to Telegraph Operator	1

Total 2

Resigned.	
Bookkeeper	1
Cashier	1
Stenographer and Typewriter.....	1
Total	
Discharged.	
Fire Marshal	1
Clerk	1
Stenographer and Typewriter.....	1
Pilot	1
Foreman Repair Shops.....	1
Foreman Machinist	1
Foreman Wheelwright	1
Machinist	1
Blacksmiths	2
Blacksmith's Helper	1
Hose Repairer	1
Total	

Transferred Within the Department.

Night Watchman, from Headquarters payroll to Hospital and Training Stables payroll	1
Stokers, from Engine and Hook and Ladder Company's payroll to Headquarters payroll	2
Bookkeeper, from Fire Marshal's payroll to Headquarters payroll	1
Stenographer and Typewriter, from Bureau of Fire Marshal payroll to Chief of Department payroll	1
Stenographer and Typewriter, from Bureau Chief of Department payroll to Bureau of Fire Marshal payroll	1
Clerk, from Fire Alarm Telegraph Branch payroll to Bureau Chief of Department payroll	1
Climber, from Fire Alarm Telegraph Branch payroll to office of President of the borough of The Bronx	1
Painters, from Repair Shops payroll to Superintendent of Buildings Branch payroll	1
Painter, from Superintendent of Buildings Branch payroll to Repair Shops payroll	1
Assistant Superintendent of Buildings, from Superintendent of Buildings Branch payroll to Headquarters payroll, boroughs Brooklyn and Queens	1

Total

From the Bureau of Buildings, Borough of Brooklyn, Inspector of Buildings.

Designation Changed.

Wheelwright, to Foreman Repair Shops	1
Wheelwright, to Foreman Wheelwright	1
Machinist, to Foreman Machinist	1
Machinist's Helper, to Machinist	1
Total	

Positions Abolished.

Contract Clerk	1
Clerks	3
Assistant Fire Marshal	1
Total	

Died.

Stoker

Changes in Title, Authorized by Municipal Civil Service Commission.

- 1 Secretary, to Secretary of Department.
- 1 Private Secretary, to Secretary to Commissioner.
- 1 Buildings Superintendent, to Superintendent of Buildings.
- 1 Assistant Buildings Superintendent, to Assistant Superintendent of Buildings.
- 1 Draughtsman and Mapmaker, to Draughtsman.
- 6 Assistant Telegraph Operators, to Telegraph Operators.
- 8 Surveyors, to Oil Surveyors.
- 5 Oil Collectors to Oil Surveyors.
- 1 Stenographer and Typewriter, to Clerk.
- 2 Engineers, to Enginemen.
- 2 Assistant Batteryman to Batteryman.
- 2 Trainers and Drivers, to Drivers.
- 2 Groundmen, to Stablemen.

Report of the Medical Officers, Boroughs of Manhattan and The Bronx, for the Year Ending December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—We have the honor to report for the year ending December 31, 1902, as follows:

Number of cases of illness..... 518

Number of cases of injury..... 311

Total.....

Time lost (number of days of illness)..... 6,750

Time lost (number of days for injury)..... 5,452

Total.....

Examination by order of Commissioner—

For retirement, etc.....	31
For appointment as Probationary Firemen.....	129
For appointment as fourth grade Firemen.....	239
General examinations of officers of the Department.....	392

Total.....

Respectfully submitted,

E. BENJAMIN RAMSDELL,
FREDERICK A. LYONS,
FRANCIS M. BANTA,
Medical Officers.

Retired from the Uniformed Force After Twenty Years' Service.

Name.	Rank or Grade.	Company.	Date of Appointment.	When Retired.
John E. Nickerson,	Fireman first grade,	Engine 52	Jan. 10, 1882	Jan. 10, 1902
Edward F. Slevin,	Engineer of Steamer,	Engine 40	Jan. 2, 1882	Feb. 1, 1902
John Cassidy,	Fireman first grade,	Engine 46	Oct. 21, 1870	Feb. 15, 1902
John Wilson,	Fireman first grade,	Engine 68	Sept. 13, 1873	Feb. 15, 1902
Thomas Harrison,	Fireman first grade,	H. and L. 19	Sept. 11, 1865	Feb. 18, 1902
John F. Fitzgerald,	Fireman first grade,	Engine 56	April 10, 1882	April 16, 1902
Joseph Moss,	Captain,	Engine 68	Dec. 1, 1871	May 1, 1902
John J. Naughton,	Lieutenant,	Engine 52	Dec. 1, 1881	May 22, 1902
Thomas Head,	Lieutenant,	Engine 41	Feb. 15, 1869	June 1, 1902
John Duane,	Fireman first grade,	H. and L. 13	July 17, 1873	June 1, 1902
William Quigg,	Fireman first grade,	Engine 55	Nov. 27, 1865	Aug. 1, 1902
John T. Needham,	Captain,	H. and L. 19	Jan. 1, 1881	Aug. 1, 1902
James P. Reilly,	Fireman first grade,	H. and L. 21	July 24, 1882	Aug. 1, 1902
Patrick McGrade,	Engineer of Steamer,	Engine 31	Aug. 21, 1882	Aug. 21, 1902
Jacob Becker,	Captain,	Engine 75	Mar. 15, 1871	Sept. 1, 1902
John J. McCue,	Fireman first grade,	H. and L. 22	Aug. 21, 1882	Sept. 1, 1902
Thomas J. Van Horn,	Captain,	H. and L. 8	May 6, 1871	Oct. 1, 1902
Jacob Becker,	Fireman first grade,	H. and L. 59	Aug. 15, 1870	Nov. 1, 1902
John Thompson,	Fireman first grade,	H. and L. 20	Oct. 24, 1882	Nov. 1, 1902
John Crowley,	Fireman first grade,	Engine 61	June 10, 1870	Nov. 3, 1902
Michael H. Dynan,	Fireman first grade,	Engine 56	Oct. 1, 1882	Nov. 10, 1902
John Mulen,	Fireman first grade,	Engine 64	May 1, 1878	Dec. 1, 1902
James J. Campbell,	Fireman first grade,	Engine 47	Dec. 8, 1882	Dec. 8, 1902

Deaths Among Those Relieved from Service at Fires.

Name, Rank or Grade.	Company.	Date Appointed.
Patrick Kennedy, Fireman first grade.....	Hook and Ladder Company 14	June 6, 1870
Frederick D. Sasse, Engineer of Steamer.....	Engine Company 28.....	Jan. 14, 1868
Thomas Carney No. 1, Fireman first grade.....	Engine Company 49.....	June 10, 1870

Date Relieved.	Cause.	Date of Death.	Cause.
Sept. 9, 1891	Chronic rheumatism.	Jan. 17, 1902	Heart disease.
July 10, 1890	Bright's disease.	Dec. 1, 1902	Tumor of Brain.
Dec. 10, 1892	Asthma, varicose veins.	Dec. 19, 1902	Heart disease.

Retired from All Service for Disability.

Name, Rank or Grade.	Company.	Date Appointed.	When Retired.	Cause.
Thomas O'Halloran, Fireman first grade.....	Engine 57	Nov. 12, 1875	Mar. 1, 1902	Defective vision and senility.
Charles H. Farrell, Fireman first grade.....	Engine 71	Aug. 19, 1884	Mar. 1, 1902	Tuberculosis.
Patrick J. Donovan, Engr. of Steamer.....	Engine 2	Jan. 1, 1895	June 16, 1902	Tuberculosis.
Charles T. Budd, Fireman second grade.....	Engine 27	July 1, 1899	June 16, 1902	Chronic Dementia.
Rich'd A. Kenahan, Fireman first grade.....	Engine 27	May 5, 1899	June 16, 1902	Hystero-Epilepsy.
Wm. H. Lorenze, Fireman first grade.....	Engine 68	Jan. 1, 1890	June 16, 1902	Tuberculosis.
George H. Grabe, Fireman first grade.....	Engine 52	Feb. 1, 1891	June 25, 1902	Heart disease.
William Hennessey, Lieutenant.....	Engine 48	Jan. 18, 1882	Aug. 1, 1902	Chronic Cystitis and senility.
Michael Hollacher, Engr. of Steamer.....	Engine 48	Aug. 10, 1874	Aug. 1, 1902	Chronic rheumatism.
John P. Barrett, Fireman first grade.....	Engine 67	Feb. 1, 1896	Sept. 15, 1902	Chronic Emphysema.
Patrick Flaherty, Fireman third grade.....	Engine 34	Dec. 1, 1900	Oct. 1, 1902	Tuberculosis.
Michael T. Barron, Fireman first grade.....	Engine 28	May 5, 1899	Dec. 22, 1902	Tuberculosis.

Deaths Among Those Retired from All Service.

Name, Rank or Grade.	Company.	Date Appointed.
James Delaney No. 1, Lieutenant.....	Engine Company 4.....	Aug. 11, 1869
Thomas O'Halloran, Fireman first grade.....	Engine Company 57.....	Nov. 12, 1875
James Clare, Engineer of Steamer.....	Engine Company 37.....	Aug. 13, 1870
Albert Cox, Fireman first grade.....	Engine Company 22.....	Jan. 1, 1866
George Moore No. 1, Fireman first grade.....	Hook and Ladder Company 17.....	May 1, 1878
Patrick J. Donovan, Engineer of Steamer.....	Engine Company 2.....	Jan. 1, 1895
Charles H. Farrell, Fireman first grade.....	Engine Company 71.....	Aug. 19, 1884
James Finn, Captain.....	Hook and Ladder Company 2.....	Mar. 1, 1873
Michael Conlon, Fireman first grade.....	Engine Company 31.....	Nov. 30, 1866

Date Retired.	Cause.	Date of Death.	Cause.
July 1, 1896	Twenty years.	April 21, 1902	Heart disease.
May 1, 1902	Defective vision and senility.	June 27, 1902	Heart disease.
May 16, 1896	Senility.	July 10, 1902	Paralysis.
May 1, 1881	Phthisis.	July 14, 1902	Tuberculosis.
Aug. 1, 1901	Twenty years.	July 22, 1902	Bright's disease.
June 16, 1902	Tuberculosis.	July 30, 1902	Tuberculosis.
Mar. 1, 1902	Tuberculosis.	Nov. 6, 1902	Tuberculosis.
May 1, 1899	Twenty years.	Nov. 9, 1902	Pneumonia.
May 17, 1899	Disease of heart and kidneys, hernia and defective vision.	Dec. 4, 1902	Apoplexy.

Deaths in the Uniformed Force.

Name, Rank or Grade and Company.	Date of Appointment.	Date of Death.	Cause.
John H. Spannhake, Fireman fourth grade, Hook and Ladder Company 18.....	Sept. 9, 1901	Jan. 1, 1902	Typhoid fever.
Thomas H. Murray, Fireman third grade, Engine Company 21.....	Dec. 1, 1900	April 2, 1902	Suicide by carbolic acid.
Manuel J. Garcia, Captain Engine Company 17.....	May 1, 1895	May 31, 1902	Tuberculosis.
John Hern, Lieutenant, Engine Company 46.....	Sept. 1, 1895	July 16, 1902	Heart disease.
Patrick J. Quail, Fireman second grade, Hook and Ladder Company 18.....	Oct. 20, 1899	Oct. 11, 1902	Thrown from truck; fractured skull.
James H. McGowan, Fireman first grade, Engine Company 62.....	June 1, 1883	Nov. 6, 1902	Cirrhosis of liver.
George H. Hannon, Fireman first grade, Hook and Ladder Company 17.....	Jan. 10, 1893	Dec. 15, 1902	Suicide by carbolic acid.

ROLL OF MERIT, 1902.

Rescues at Personal Risk in Line of Duty.

February 20, by Fireman first grade Patrick H. O'Keefe, Hook and Ladder Company 13—At the fire in premises No. 60 East Eighty-seventh street, a flat house, on the evening of February 20, Fireman O'Keefe rescued from the third floor, by means of a 35-foot ladder, Mrs. Mary McLean, aged 45 years. The stairway was completely enveloped in flames when O'Keefe ascended the ladder, entered the apartment and carried Mrs. McLean down the ladder to safety, being assisted in his descent by a member of the Insurance Patrol. Great personal risk was incurred in this rescue, as a single misstep would have precipitated the group to the street.

February 22—At the fire in the Park Avenue Hotel on the early morning of February 22, several officers and members of the uniformed force especially distinguished themselves by their daring acts of life saving.

Chief of Eighth Battalion George L. Ross, as the lines of hose were being dragged up the stairway leading to the fourth floor, ran ahead and up to the fifth floor, where he discovered a man and woman unconscious in the hallway. He called to Acting Chief of Seventh Battalion George H. Winter (Foreman of Hook and Ladder Company 12), who was on the floor beneath, who immediately joined him, and the two crawled on hands and knees to the point where the man and woman lay, dragged them to the stairway, down which they carried them to the fourth floor, and without attempting to ascertain their names, they turned their burdens over to members of the police force who were on the fourth floor, and immediately started again for the floor above where there were several other bodies lying in the hallway. In consequence, however, of the intense heat and dense smoke they were compelled to abandon the effort.

Fireman first grade Charles F. Douth and Fireman third grade Joseph A. Christie, of Hook and Ladder Company 3, by means of a 35-foot ladder, raised from the porch over main entrance to the hotel, rescued John Barnett from a window of the fifth story. They then attached a scaling ladder to the sill of the sixth story window directly above, and rescued Henry Conrad. Both of these men were brought in safety to the ground at great personal risk to the Firemen named, as at the time the rescues were made the fire was under full headway, the smoke pouring from the windows, the men in a panic-stricken state and about to jump, and the ladders covered with ice.

Acting Chief of Battalion George H. Winter, Foreman of Hook and Ladder Company 12, and Firemen first grade John Davin, second grade John B. Beck, third grade Martin C. Lang and fourth grade John A. Slowey, of Hook and Ladder Company 3, and first grade Edward F. O'Connor, of Engine Company 72, standing on the porch over the main entrance to the hotel, caught in their arms, thereby saving from serious injury, a man and woman who jumped from a fourth-story window.

Fireman first grade Alphonsus J. O'Bryon, of Hook and Ladder Company 7, saved a man standing at one of the fifth-story windows of the burning building from which the smoke was pouring. By means of a 35-foot ladder, he ascended to the porch over the main entrance to the hotel, thence by means of another ladder of similar length to the fourth floor, and standing on the sill of the window contrived, with much effort, owing to the condition of the sill and the intense heat and heavy smoke, to raise his scaling ladder to the fifth-story window, the sill of which was so wide that the ladder could not be securely attached thereto. O'Bryon, therefore,

standing upright on the sill of the fourth-story window, kept the ladder from careening while Mr. Sanborn descended to a point where the Fireman could reach him. In assisting him from the fifth story, down the two 35-foot ladders, owing to the extremely nervous condition of Mr. Sanborn, he was compelled to place him between the ladder and himself, making the work of rescue, in view of the fact that the rungs were coated with ice, an extremely hazardous proceeding.

While Engine Company 3 was taking a line up the main stairway, Fireman first grade Washington I. Slater, of that company, was notified by the daughter of Mrs. Caroline L. T. Hall that her mother was on the fourth floor and unable to get down. He immediately proceeded upstairs and found her in a fainting condition about twenty feet from the stairway, with her clothing on fire. He at once extinguished the fire to her garments and carried her down the main stairway and placed her in charge of a surgeon from the New York Hospital, to which institution she was conveyed in an ambulance, where she subsequently died. The rescue was made at great personal risk, as the fire was burning fiercely in the hallway of the fourth floor at the time.

March 3, by Fireman second grade John J. Buckley, of Engine Company 31—At the fire in the seven-story tenement house, extending from No. 206 to No. 214 Canal street, at 8 o'clock on the morning of March 3, the flames had obtained control of the east half of the three upper floors, when Sadie Duscanta, aged nine years, and Philomena Joaclena, aged 57 years, residing on the seventh floor, finding all means of escape cut off by the stairways and the front and rear fire escapes, climbed out from the window and were standing on a Y-shaped leader when they were observed by the Foreman of Hook and Ladder Company 8, who directed members of his command to bring up a ladder to the roof of No. 216. The ladder was then placed from the roof of No. 216 to the wall of No. 214, and Fireman Buckley ascended and, when standing on the round next to the top, found he was only able to reach their feet. By his direction they knelt down on the leader, and by hanging from the window sill the girl dropped into his arms, was safely swung to the ladder, and passed to a comrade who conveyed her to the roof of No. 216 Canal street. The woman was saved in like manner.

March 11, by Firemen first grade William King and Arthur Carroll, of Engine Company 47—Upon the arrival of Engine Company 47 at the fire in the five-story brick tenement house, No. 3135 Broadway, between One Hundred and Twenty-fourth and One Hundred and Twenty-fifth streets, at 2.30 p. m., March 11, the members of the company stretched in a line of hose and were about descending to the cellar when the Foreman was notified by a citizen that the janitress was in the cellar and unable to get out. He immediately hurried in with his line and company and began a vigorous search for the woman. The fire had meanwhile reached the kitchen, where Firemen Carroll and King descried the prostrate form of a man. Crawling on their stomachs they reached him and dragged him into the corridor, and carried him to the sidewalk, whence he was removed in an ambulance to the J. Hood Wright Hospital. It was subsequently ascertained that his name was Martin Reilly, his age 48, and that he was endeavoring to extinguish the flames in the apartment of his niece, the janitress (who escaped unharmed), when he was rendered insensible.

This rescue was effected at great personal risk, as the room in which Reilly lay unconscious was partly afire and heavily charged with heat and smoke.

March 22, by Assistant Foreman James J. Sullivan, Engine Company 5—Upon arrival of Engine Company 5 at the fire in tenement house at No. 138 First avenue, on the afternoon of March 22, Assistant Foreman Sullivan was informed that a woman was on the third floor and unable to escape, the hall and stairway leading from the second to the third floor being ablaze. Sullivan without a moment's hesitation dashed up the stairway through the fire, heat and smoke to the third floor, obtained entrance to the apartment by breaking through a panel of the door and took the woman, whose name was Mrs. H. Nutsch, and who was much affected by the smoke, to a rear window for relief.

The action of Assistant Foreman Sullivan was prompt and efficacious and performed at considerable personal risk, as the facts and circumstances indicate.

June 20, by Fireman second grade William F. Kelly, Jr., of Hook and Ladder Company 12—At the fire at No. 233 West Fourteenth street, a five-story apartment house, at 2.47 a. m., June 20, Fireman Kelly rescued James Cortada, aged 29, and William Harrison, aged 63, in the following manner:

Proceeding by stairway to the top floor of No. 221, which was of the same height, he climbed out and crossed from the lintel over the fourth-floor window to the lintel over the adjoining window of the burning building, where he found Mr. Cortada in a state of great excitement and took him in through the fifth-floor window of No. 225 by working his way from lintel to lintel.

In the meantime Hook and Ladder Company 12 had elevated its 85-foot extension ladder, and Fireman Kelly returned in the same manner and assisted Mr. Harrison down the ladder to the street.

These rescues were effected at great personal risk, as to accomplish them Kelly had to cross on the lintels of the windows on the fourth floor from one house to the other, and while standing on the lintel of No. 223 it crumbled and broke and large pieces fell to the street. But for this prompt action the two men would have jumped to certain death, the fire having originated on the fourth floor, ascended to the fifth, burning the stairway completely away, cutting off all means of escape.

August 19, by Firemen first grade Michael J. J. Martin, third grade Jacob Woll, Jr., and fourth grade John J. McAuliffe, all of Engine Company 15—At the fire at premises No. 35 Essex street, on August 19, which originated in the store on the first floor and extended through the entire floor, Firemen Martin, Woll and McAuliffe, who were at the pipe in the store, heard groans coming from the rear rooms, and, making their way to the place whence the sounds came, found a woman and a child in an unconscious condition. They removed them to the street, and the woman, who it was subsequently ascertained was Mrs. Rose Moses, aged 52 years, was removed to Gouverneur Hospital, where she was found to be fatally burned, and died shortly after her admission. The child, Hattie Berliner, aged eight years, who received severe burns about the head and arms in addition to being overcome by smoke, was treated by a physician in the neighborhood and removed to her home at No. 25 Essex street.

A considerable measure of personal risk was incurred by the three firemen named, as the rooms were heavily charged with heat and smoke, and while making the rescue the stream from the line of Engine Company 5 had to be directed constantly about the men to enable them to accomplish their mission.

September 19, by Fireman first grade Thomas W. Smith, Engine Company 54—Fireman Smith rescued Mrs. C. S. Biers from the house No. 30 West Forty-fifth street during the progress of a fire therein on September 19, under the following circumstances:

Upon the arrival of the apparatus of the Department the fire was found to be in the rear part of the cellar, with dense smoke and heat issuing from the cellar, the doors of which, leading into the yard, were open, and the entire rear of premises enveloped in a dense and suffocating smoke.

Before Engine Company 54, which was the first to arrive at the fire (which they were informed by a citizen was in Forty-fourth street), had stretched in its line, Fireman Smith proceeded through a building on Forty-fourth street to the yard of the house on fire in Forty-fifth street, and observed a woman at a third-floor window frantically calling for help. He immediately scaled the board fence dividing the yards and closed the cellar doors, thereby lessening the danger from smoke, then climbing wooden shutters to the top of a bay window, he mounted an iron bar which was fastened to the building. By that time Hook and Ladder Company 4 had raised a ladder from the yard, which reached the point to which Fireman Smith had already ascended. He at once got on the ladder and found the same to be at least three feet short of the window, necessitating his standing on the upper round of the ladder and bracing himself on the rounds and against the windows, and in this position was able to reach and safely remove the woman to the ground.

But for the good judgment shown by Smith in closing the cellar doors and his agility in scaling the rear of the building, the woman would have been suffocated, as all means of escape were cut off, the interior of the building being heavily charged with smoke and the heat intense, three streams of water being required to extinguish the fire.

October 10, by Fireman first grade Robert Walker, Hook and Ladder Company 6—At the fire at premises Nos. 188-192 Park row shortly after midnight on October 10, Mrs. Harry Gordon, aged 32, with her daughter Emeline, aged 2, had descended the stairway to the second floor in the rear of the building, which leads to No. 19 Worth street, when she found the hall and stairway surrounded by

flames and the building heavily charged with heat and smoke, and was unable to proceed further. Fireman Walker, who was on regular leave of absence, and who chanced to be in the neighborhood, ascended the stairway and brought them safely to the street.

He was then informed by Mrs. Gordon that her son Herman, aged six years, was still on the third floor, and although the stairway was enveloped in flames, he again forced his way to the third floor, receiving severe burns on the hands and having his face slightly scorched, and found no one in any of the rooms. By this time his retreat by the stairways was cut off and he was taken down to the street by way of a 25-foot ladder raised on the Park row side of the building by members of Hook and Ladder Company 1. Considerable personal risk attended the action of Fireman Walker in his rescue of Mrs. Gordon and her daughter and in the quest of her son.

December 12, by Fireman first grade John McGough, of Engine Company 28—At the fire in the premises No. 349 East Tenth street, shortly after midnight of December 12, Engine Company 28 on its arrival found the fire burning fiercely in the rear of the first floor and the hallway charged with heat and smoke. Fireman McGough rushed into the hallway, and by crawling upon his hands and knees reached the rear of the same, where he came upon a man who was subsequently ascertained to be Caspar Kress, aged 54 years, in a dazed condition and unable to escape. McGough dragged him to the street, where he revived sufficiently to tell the fireman that William Glaser, 50 years of age, was asleep in the rear of the first floor. McGough thereupon made a desperate effort to reach the sleeping apartments in the rear of the first floor, but the fire at that time was in full possession of them, and he failed, though he did not cease his efforts until he himself was overcome by heat and smoke. The dead body was subsequently found in a rear bedroom on the first floor and turned over to the police authorities. McGough's action was highly commendable and was attended with no little personal risk to himself.

Outside the Line of Duty.

April 12—While Foreman Patrick Maher, of Engine Company 7, was inspecting buildings in his company district, at about 11.30 a. m., April 12, he came upon Detective Sergeant John L. Krauch and a thief named Frank W. Ritter, struggling on the sidewalk at the southeast corner of Park row and New Chambers street. Both men were down, and Ritter, who was on top of Sergeant Krauch, had a revolver in his hand, which he was trying to place alongside of Krauch's head. Foreman Maher immediately grappled with Ritter, who broke away and ran down New Chambers street with Foreman Maher in pursuit. As the Foreman got close to him Ritter turned and pointed the revolver at him and pulled the trigger, but it missed fire. As Foreman Maher caught him, he placed the revolver against his (Maher's) body and pulled the trigger again, but the weapon again failed to discharge. Foreman Maher then knocked the man down, took the revolver away, and held him until Sergeant Krauch came up, handcuffed the thief and took him to the police station. It was subsequently learned that the revolver was properly loaded, but was a safety "Smith and Wesson," with a spring at the butt, which the thief in his excitement had neglected to pull. If Foreman Maher had not interfered there is no doubt that the thief would have succeeded in killing Sergeant Krauch.

Captain Titus, of the Detective Bureau, in a communication to the First Deputy Commissioner of the Police Department, reported that Foreman Maher's conduct on the occasion in question was worthy of the highest commendation, and the First Deputy Commissioner brought the matter officially to the attention of the Fire Commissioner.

Maher's bravery in facing death outside the line of duty was not permitted to pass unrecognized, his name being placed on the Roll of Merit.

PRESENTATION OF MEDALS.

The late administration having omitted, in the year 1901, to award the medals at the disposal of the Department for conspicuous deeds of valor performed by members of the uniformed force during the year 1900, and the medal annually provided for the Captain of the best disciplined company during the same period, that duty devolved upon the present Commissioner.

Accordingly, on the 24th day of May, 1902, in the drill yard in the rear of the Headquarters Building, in the presence of the Commissioner and an assemblage of invited guests, the medals for the year 1900 were presented by his Honor the Mayor to those who had been adjudged by a committee of officers of high rank in the uniformed force as entitled to be the recipients of these distinguished marks of honor for that year.

The Bennett Medal—To Fireman First Grade Thomas J. McArthur of Engine Company 29.

At the disastrous Tarrant Building fire, which occurred at midday on October 20, 1900, where several lives were lost, while the members of Engine Company 29, with McArthur and Fireman first grade Michael F. Merron at the pipe, were dragging a line of hose up the stairway leading to the second story, an explosion occurred which forced them to drop the line and drove the Firemen back into the street. Pausing at a point 50 feet away, McArthur discovered that Merron was missing. He immediately returned and found him in the doorway in an unconscious state. Raising Merron in his arms, he had proceeded with his burden down Warren street about 100 feet when another terrific explosion occurred, completely destroying the building, in the doorway of which his comrade had lain but a moment before, and several other structures as well.

The rescue was performed at great personal risk, and justly entitled Fireman McArthur to the award of the medal for the coolness and daring displayed by him under appalling conditions.

The Bonner Medal—To Fireman First Grade Jeremiah Haggerty No. 2 of Engine Company 4.

At the fire at 3 o'clock a. m. on May 6, 1900, at Pier 20, East river, a wooden structure 35 feet high, 50 feet wide and 400 feet long, occupied by the Mallory Line, so rapidly did the flames spread that it was with great difficulty that the people on the various lighters and barges on either end of the pier were taken ashore.

Several thrilling rescues of imperiled human beings were made by members of the uniformed force, and Fireman Jeremiah Haggerty especially distinguished himself in this work.

Procuring a rick about 15 feet long from the side of a cotton truck standing on the pier, he improvised a bridge from the bulkhead to the coal barge "S. Clark," and assisted one L. F. Wood, age 34, to the pier. He then went aboard another barge, the "S. Hand," and rendered a like service to one Joseph Plumb, age 43.

Learning that Plumb's wife, age 32, and their two children were still on board, he found his way through the intense heat and dense smoke to the cabin where they were, brought them forth to the deck and thence to the side of the barge, across the rick leading from which to the bulkhead he safely brought them to shore.

The courage, coolness and good judgment displayed by Fireman Haggerty in these rescues were eminently deserving of recognition, and the award to him of the Bonner medal a well-merited tribute to a worthy member of the uniformed force.

The Strong Medal—To Fireman First Grade Thomas Malavey of Engine Company 57 (Fireboat "The New Yorker").

At the fire in the apartment house No. 415 West Fifty-seventh street, on January 29, 1900, several daring acts of rescue were performed by the uniformed force, the most conspicuous being that of Fireman first grade Thomas Malavey, at that time assigned to Engine Company 40.

Fireman Malavey, while in charge of the pipe of his company on the stairway near the second floor landing, was informed, after two rescues from the third floor of the burning building had been effected by comrades, that there was still another person there in dire peril. Without a moment's hesitation he proceeded to the third floor, crept on hands and knees to the front room and found a young woman, who proved to be Miss Helen Miles, on the floor in a state of unconsciousness, a portion of her clothing ablaze. Extinguishing the flames, he carried her out into the hallway, when he was confronted by a fierce body of heat and smoke, through which he dashed, with the hair on the right side of his head partly singed, and descended with his burden to the street, whence Miss Miles, considerably burned about the face and hands, was removed to the Roosevelt Hospital for treatment.

Considerable personal risk was incurred in this rescue and but for the prompt and courageous action of Fireman Malavey Miss Miles would have lost her life.

e. Dropped May 21, 1873
f. Dismissed November 23, 1873.

49. Autenrieth, Charles J....	Private	Feb. 12, 1881	Assistant Engineer of Steamer..	Dec. 17, 1881	Assistant Foreman.	Fireman	Jan. 21, 1868	Assistant Foreman.....	Feb. 15, 1872
50. Burns, Michael A.	Fireman	Mar. 1, 1883	Assistant Foreman.....	Aug. 1, 1900	Fireman	July 1, 1875	Assistant Foreman.....	April 3, 1878	
51. Sherrick, Joseph	Fireman	Jan. 30, 1873	Assistant Foreman.....	Nov. 1, 1892	Fireman	July 23, 1870	Assistant Foreman.....	Aug. 13, 1883	
52. Kelly, Bernard.	Fireman	July 1, 1883	Assistant Foreman.....	Jan. 5, 1893	Fireman	Mar. 15, 1872	Assistant Foreman.....	May 20, 1884	
53. Howe, John P.	Fireman	June 1, 1890	Assistant Foreman.....	Dec. 4, 1897	Fireman	April 2, 1881	Assistant Foreman.....	Dec. 1, 1886	
54. Winter, George H.	Fireman	Aug. 10, 1890	Engineer of Steamer.....	May 15, 1895	Private	Jan. 1, 1873	Assistant Foreman.....	Mar. 1, 1887	
55. Crawley, Joseph	Fireman	Feb. 19, 1891	Assistant Foreman.....	Dec. 1, 1900	Fireman	Oct. 15, 1872	Assistant Foreman.....	June 1, 1889	
56. Sheridan, Chas.	Fireman	Feb. 27, 1891	Assistant Foreman.....	Dec. 1, 1897	Fireman	Dec. 20, 1886	Assistant Foreman.....	June 1, 1889	
57. Shea, John F..	Private	Nov. 22, 1883	Engineer of Steamer.....	May 10, 1886	Private	Oct. 27, 1880	Assistant Foreman.....	Aug. 22, 1890	
58. Kenlon, John..	Fireman	April 2, 1887	Assistant Foreman.....	Dec. 31, 1897	Private	Feb. 15, 1882	Assistant Foreman.....	Aug. 22, 1890	
59. Hayes, Thos. J.	Fireman	Feb. 16, 1891	Assistant Foreman.....	Dec. 31, 1897	Private	Aug. 1, 1883	Assistant Foreman.....	Aug. 22, 1890	
60. Devanney, Jas. F.	Fireman	Dec. 17, 1885	Assistant Foreman.....	July 10, 1898	Fireman	Sept. 4, 1885	Assistant Foreman.....	June 11, 1891	
61. Stone, Chas. H.	Fireman	Sept. 4, 1885	Engineer of Steamer.....	July 2, 1886	Fireman	Jan. 7, 1886	Assistant Foreman.....	Nov. 1, 1892	
62. Norton, Thomas F.	Fireman	Jan. 1, 1887	Assistant Foreman.....	Jan. 1, 1895	Fireman	Apr. 1, 1883	Assistant Foreman.....	Jan. 5, 1893	
63. Hennessy, Frank J....	Private	Aug. 20, 1881	Assistant Foreman.....	June 3, 1895	Private	May 16, 1881	Assistant Foreman.....	Jan. 1, 1894	
64. Roan, James S.	Private	May 1, 1883	Assistant Foreman.....	April 13, 1896	Private	Mar. 5, 1883	Assistant Foreman.....	June 3, 1895	
65. Burke, Frank..	Hoseman	Sept. 1, 1869	Assistant Foreman.....	July 1, 1871	Fireman	Sept. 4, 1885	Assistant Foreman.....	July 1, 1895	
66. King, John F.	Private	Dec. 1, 1883	Assistant Foreman.....	Dec. 4, 1897	Fireman	Jan. 16, 1871	Assistant Foreman.....	Feb. 20, 1897	
67. Duffy, William J.	Private	May 15, 1884	Assistant Foreman.....	Dec. 4, 1897	Fireman	Jan. 1, 1890	Assistant Foreman.....	Dec. 4, 1897	
68. Higgins, John F.	Fireman	Dec. 17, 1885	Assistant Foreman.....	Dec. 4, 1897	Fireman	May 18, 1892	Assistant Foreman.....	Dec. 4, 1897	
69. Coleman, Martin M.	Fireman	April 24, 1887	Assistant Foreman.....	Dec. 4, 1897	Fireman	Mar. 11, 1888	Assistant Foreman.....	July 10, 1898	
70. Kiernan, James B.	Fireman	June 1, 1887	Assistant Foreman.....	Dec. 4, 1897	Fireman	Jan. 21, 1884	Assistant Foreman.....	Oct. 10, 1898	
71. O'Connor, Jos. A.	Fireman	Mar. 1, 1888	Assistant Foreman.....	Dec. 4, 1897	Fireman	Jan. 9, 1882	Assistant Foreman.....	Oct. 13, 1898	
72. King, Thomas, No. 1.....	Private	July 1, 1881	Assistant Engineer of Steamer..	Nov. 1, 1883	Fireman	Dec. 23, 1888	Assistant Foreman.....	Oct. 13, 1898	
73. Conlon, John B.	Fireman	Sept. 4, 1885	Assistant Foreman.....	Oct. 10, 1898	Fireman	Jan. 7, 1896	Assistant Foreman.....	Aug. 1, 1900	
74. Oswald, Robert	Fireman	Jan. 1, 1890	Assistant Foreman.....	Oct. 13, 1893	Fireman	Aug. 19, 1884	Assistant Foreman.....	Aug. 1, 1900	
75. Andariese, John T.	Fireman	June 1, 1891	Assistant Foreman.....	Feb. 1, 1899	Fireman	Jan. 7, 1896	Assistant Foreman.....	Aug. 1, 1900	
76. McAree, John F.	Fireman	Feb. 27, 1891	Engineer of Steamer.....	Feb. 1, 1895	Fireman	Dec. 1, 1895	Assistant Foreman.....	Aug. 1, 1900	
77. Ryan, Edward F.	Fireman	July 3, 1872	Assistant Foreman.....	Mar. 6, 1883	Fireman	Mar. 11, 1888	Assistant Foreman.....	Aug. 1, 1900	
78. Beshinger, Jos.	Private	May 10, 1880	Assistant Foreman.....	July 1, 1885	Fireman	Aug. 15, 1884	Assistant Foreman.....	Aug. 1, 1900	
79. Flaherty, James	Private	Feb. 15, 1882	Assistant Foreman.....	Dec. 1, 1886	Fireman	Dec. 20, 1890	Assistant Foreman.....	Aug. 1, 1900	
80. Hayes, James J.	Private	May 8, 1882	Assistant Foreman.....	Jan. 1, 1895	Fireman	Mar. 6, 1891	Assistant Foreman.....	Aug. 1, 1900	
81. Morrison, Martin	Private	April 7, 1884	Assistant Foreman.....	Jan. 1, 1895	Fireman	Mar. 10, 1888	Assistant Foreman.....	Aug. 1, 1900	
82. Curren, Benjamin C.	Fireman	June 1, 1891	Assistant Foreman.....	April 13, 1896	Fireman	July 3, 1895	Assistant Foreman.....	Aug. 1, 1900	
83. Andrews, Peter, Jr.	Private	April 5, 1884	Assistant Foreman.....	Dec. 4, 1897	Fireman	July 8, 1896	Engineer of Steamer.....	Aug. 22, 1898	
84. Hauck, Henry.	Fireman	Mar. 3, 1889	Assistant Foreman.....	Dec. 4, 1897	Fireman	July 1, 1883	Assistant Foreman.....	Aug. 1, 1900	
85. Graham, Patrick J.	Fireman	June 24, 1890	Assistant Foreman.....	Dec. 4, 1897	Fireman	Aug. 10, 1890	Assistant Foreman.....	Aug. 1, 1900	
86. Lawrence, Wm. E., Jr.	Fireman	Aug. 10, 1890	Assistant Foreman.....	Dec. 4, 1897	Fireman	Dec. 23, 1888	Assistant Foreman.....	Aug. 1, 1900	
87. Walker, John..	Fireman	May 12, 1892	Assistant Foreman.....	Dec. 4, 1897	Fireman	June 7, 1886	Assistant Foreman.....	Aug. 1, 1900	
88. Hanbury, Patrick	Fireman	June 7, 1886	Assistant Foreman.....	Dec. 31, 1897	Fireman	Jan. 1, 1890	Assistant Foreman.....	Aug. 1, 1900	
89. Worth, Edward J.	Fireman	Dec. 30, 1888	Assistant Foreman.....	Dec. 31, 1897	Fireman	Jan. 1, 1890	Assistant Foreman.....	Aug. 1, 1900	
90. Kirchner, William B.	Fireman	Oct. 24, 1881	Assistant Foreman.....	July 10, 1898	Fireman	May 22, 1892	Assistant Foreman.....	Aug. 1, 1900	
91. Root, Edward S.	Private	Dec. 30, 1886	Engineer of Steamer.....	Dec. 1, 1887	Fireman	Feb. 18, 1894	Assistant Foreman.....	Aug. 1, 1900	
92. Poling, Samuel E.	Fireman	Mar. 1, 1893	Assistant Foreman.....	Oct. 11, 1891	Fireman	May 1, 1884	Assistant Foreman.....	Aug. 1, 1900	
93. Galvin, Bartow J.	Fireman	Jan. 10, 1893	Assistant Foreman.....	Feb. 1, 1899	Fireman	July 10, 1893	Assistant Foreman.....	Aug. 1, 1900	
94. McKernan, Owen	Fireman	July 21, 1892	Assistant Foreman.....	Feb. 1, 1899	Fireman	Apr. 4, 1884	Assistant Foreman.....	Aug. 1, 1900	
95. Doonan, James P.	Fireman	June 19, 1889	Assistant Foreman.....	Feb. 16, 1899	Fireman	Jan. 7, 1896	Assistant Foreman.....	Aug. 1, 1900	
96. Fitzgerald, Michael J.	Fireman	Feb. 11, 1894	Assistant Foreman.....	April 13, 1896	Fireman	Mar. 4, 1884	Assistant Foreman.....	Aug. 1, 1900	
97. Malone, James.	Fireman	Sept. 4, 1885	Assistant Foreman.....	Dec. 4, 1897	Fireman	July 10, 1893	Assistant Foreman.....	Aug. 1, 1900	
98. Fuchs, Francis M.	Fireman	Dec. 20, 1886	Assistant Foreman.....	April 13, 1896	Fireman	Apr. 4, 1884	Assistant Foreman.....	Aug. 1, 1900	
99. Conway, Daniel J.	Fireman	Jan. 7, 1886	Engineer of Steamer.....	May 1, 1887	Fireman	Jan. 4, 1884	Assistant Foreman.....	Aug. 1, 1900	
			Assistant Foreman.....	Aug. 15, 1902	Fireman	Jan. 7, 1896	Assistant Foreman.....	Aug. 1, 1900	
					Fireman	Aug. 10, 1890	Assistant Foreman.....	June 8, 1901	

g. Retired as first grade Fireman; reinstated as Assistant Foreman by Supreme Court.

92. Irving, George	Fireman	May 12, 1892	Assistant Foreman	June 8, 1901
93. Dunn, George	Fireman	Feb. 1, 1896	Assistant Foreman	June 14, 1901
94. McCarty, H.	Fireman	Dec. 23, 1888	Assistant Foreman	Aug. 1, 1901
95. Corr, John H.	Fireman	May 4, 1894	Assistant Foreman	Aug. 1, 1901
96. McCartie, Chas.	Fireman	April 22, 1894	Assistant Foreman	Aug. 1, 1901
97. Schuster, William J.	Fireman	May 12, 1892	Assistant Foreman	Aug. 1, 1901
98. Connelly, Joseph	Fireman	Jan. 26, 1896	Engineer of Steamer	Feb. 5, 1897
			Assistant Foreman	Aug. 1, 1901
99. Bundrick, Chas.	Fireman	Dec. 1, 1894	Engineer of Steamer	June 6, 1899
			Assistant Foreman	Aug. 1, 1901
100. Dooley, Jos. A.	Fireman	July 3, 1895	Assistant Foreman	Sept. 1, 1901
101. Quaid, George	Fireman	April 15, 1888	Assistant Foreman	Oct. 1, 1901
102. Williams, William F.	Fireman	April 22, 1894	Assistant Foreman	Dec. 1, 1901
103. Donovan, Jos. C.	Private	May 24, 1883	h Engineer of Steamer	June 7, 1899
			Assistant Foreman	Dec. 1, 1901
104. Scherb, Henry H.	Fireman	Mar. 1, 1893	Assistant Foreman	Dec. 1, 1901
105. Lenihan, Patrick T.	Fireman	July 10, 1893	Engineer of Steamer	Feb. 15, 1896
			Assistant Foreman	Dec. 1, 1901
106. Conway, John F.	Fireman	Mar. 1, 1893	Assistant Foreman	Aug. 15, 1902
107. Regan, Jas. A.	Fireman	July 3, 1895	Assistant Foreman	Aug. 15, 1902
108. Tompkins, Walter H.	Private	Oct. 24, 1882	Assistant Foreman	Aug. 22, 1902
109. Flynn, James	Fireman	Jan. 8, 1895	Assistant Foreman	Aug. 22, 1902
110. Paul, Robert	Fireman	Mar. 1, 1897	Assistant Foreman	Aug. 22, 1902
111. Sullivan, Henry E.	Fireman	Mar. 6, 1891	Engineer of Steamer	Sept. 8, 1900
			Assistant Foreman	Nov. 15, 1902
112. Fillhardt, Geo. W.	Fireman	Dec. 23, 1888	Engineer of Steamer	July 1, 1899
			Assistant Foreman	Nov. 15, 1902
113. McCue, Thomas F.	Fireman	Jan. 1, 1890	Assistant Foreman	Nov. 15, 1902
114. King, Thomas	Private	Dec. 14, 1881	Assistant Foreman	Jan. 1, 1902
115. Link, John H.	Fireman	Feb. 27, 1891	Assistant Foreman	June 6, 1902
116. Craco, Louis A.	Private	Feb. 13, 1882	Assistant Foreman	June 6, 1902
117. Ruckholdt, Robert C.	Fireman	May 1, 1892	Engineer of Steamer	Jan. 1, 1894
			Assistant Foreman	July 21, 1902
118. Haggerty, Dan.	Private	April 8, 1884	Engineer of Steamer	June 4, 1892
			Assistant Foreman	July 21, 1902

h. Reduced to Fireman first grade on own application, January 1, 1901.

REPORT OF THE CHAPLAINS FOR THE YEAR ENDING DECEMBER 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—The Chaplains of the New York Fire Department submit the following report as indicative of their special work for the year 1902. Both Chaplains were present at all the great fires, as well as many first and second alarm blazes. Many fourth alarm fires called them over the bridge to Brooklyn, where they were of service in caring for injured men on more than one occasion.

The appointment of Chaplains for the borough of Brooklyn was felicitous, and the wisdom of the appointments will no doubt be soon attested. We extend a hearty welcome to our confreres and wish them every success.

Our work in the Department falls into two divisions: that born of emergency at fires, and that which is of leisure, visits at the houses. At fires the Chaplains have been of service in caring for many minor cases of injury, exhaustion and suffocation from smoke. In graver cases the removal of the injured to the hospitals has been expedited and the patient attended until he was treated and put to bed. On several occasions it has been the work of the Chaplains to see that the dead were properly handled and treated with respect. It is needless to remark that the Firemen are especially careful at such times.

It is the pleasure of the Chaplains to bear testimony to the constant and instant care bestowed upon the men by the Ambulance Surgeons of the various hospitals of the City. These doctors deserve the gratitude of the Department.

Commendation of the hospitals themselves, as well as the Surgeons, should be made. And it is worthy of note that we have not heard a single complaint from the many men whom we have often visited, about inattention or ill usage.

Especial mention ought to be made of Roosevelt Hospital and the Sturgis Ward of Bellevue.

The presence of the Fireman's coffee wagon at fires has been a boon not easily overrated. Whenever it was deemed expedient the call was made and a quick response brought the hot coffee. We beg leave to acknowledge, in the name of the Firemen and Policemen, their gratitude to the Church Temperance Society for their most acceptable and timely bounties. The kindly interest of Mrs. Thomas Sturgis made possible the building of a second wagon for this special work.

The Chaplains have also been of service at the several disasters during the year. Besides the work of emergency there is the distinctly pastoral. Of this little can be reported because of the personal and sacred character of the relation between pastor and man.

The Chaplains are visited by the men for various ends, and the men are visited in their homes, their fire houses and at hospitals, by the Chaplains.

Once a week it is the purpose of the Chaplains to visit, officially, a battalion. At the houses an address is made by each and the men are urged to higher and nobler attainments in the spiritual life.

It is manifestly impossible to measure the work of the Chaplains by statistics. It is enough to report that they are ready, in season and out of season, to serve the men of the New York Fire Department. Acknowledgment is made of the unflinching courtesy of the men and their officers, on every occasion, making thereby the work a pleasure and the interests of the men their joy.

Respectfully submitted,

WM. ST. ELMO SMITH,

CHARLES THOMAS WALKLEY,

Chaplains.

BUREAU OF INSPECTOR OF COMBUSTIBLES.

Report for the Boroughs of Manhattan, The Bronx and Richmond for the Year Ending December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I have the honor to submit herewith the report of the operations of this Bureau, boroughs of Manhattan, The Bronx and Richmond, for the year ending December 31, 1902:

Blasting operations aggregating about 1,100 separate and distinct jobs were conducted under permits issued by this Bureau throughout the territory embraced in the boroughs covered by this report during the past year.

Examinations were held during the same period of eighty-five persons as to their qualifications and general fitness for the preparation and use of dynamite for blasting purposes, sixty-five of whom met the test successfully.

There are now on our books the names of 482 qualified blasters.

For the sale of high explosives twelve permits are now in force; for their transportation nineteen were issued during the past year.

Samples of kerosene oil to the number of 588 were collected by employees of the Bureau from the various stores in the three boroughs for test as to conformity with the required standard of excellence.

Nine thousand two hundred and forty-eight special surveys were made to determine the fitness of premises for the storage of combustibles or explosives, more than twice the number made during 1901.

One thousand two hundred and sixty-four complaints by citizens of violations of the Combustibles Laws were investigated by employees of the Bureau and the cause of complaint removed.

In the boroughs of Manhattan and The Bronx there are 48 licensed wholesale drug establishments, the proper adjustment of whose stock has required a considerable measure of the time and attention of the Inspector and his subordinates; and

with so much care has this been done that it is now considered that the minimum of risk has been attained in this important matter.

As regards retail drug stores, workshops and factories, the average number of visits necessary to complete a survey has been five.

During the period covered by this report, the various theatres in the several boroughs have been regularly and systematically visited and inspected and their condition in the matter of the storage of rubbish and unused scenery has exhibited a marked improvement as compared with that of former years.

The aggregate amount of receipts from the issuance of licenses and permits and the collection of penalties was \$47,081, a decrease as compared with the preceding years of less than \$100. As compared with 1901, there has been a decrease of 75 in the number of licenses issued for the sale of kerosene oil at retail, and of 92 in the number of the permits granted for the sale of fireworks at retail, but the loss from these sources has been counterbalanced by the increase in revenue derived from other classes of permits.

Respectfully submitted,

GEO. E. MURRAY, Inspector of Combustibles.

Operations Under the Laws Regulating the Storage of Combustibles and Explosive Material, etc.

Complaints of Violations, etc.	Pending Dec. 31, 1901.	Received Since.	Total to be Disposed of.	Complied on Notice.	Unfounded.	Disposition.				Total.	Now Pending.
						Penalties Collected.	Penalties Remitted.	Prosecution Recommended.			
Selling kerosene oil without license...	6	397	403	382	10	200	106	41	392	11	
Chimney fires...	70	296	366	..	..	..	..	..	347	19	
Hoistways found open after conclusion of business...	11	27	38	..	..	4	6	26	36	2	
Lights unprotected...	..	45	45	45	..	..	..	..	45	..	
Want of fire extinguishing appliances...	..	4	4	4	..	..	..	..	4	..	
Combustible material in excessive quantity...	7	251	258	202	56	..	..	..	258	..	
Kerosene or naphtha, etc., in excessive quantity...	6	68	74	51	23	..	..	..	74	..	
Fireworks, chemicals, matches, etc., kept without permit...	2	83	85	52	33	..	..	..	85	..	
Powder, etc., improperly stored, transported, etc...	..	21	21	8	13	..	..	..	21	..	
Hay, straw, cotton, rags and other vegetable fibre stored in excessive quantity...	..	2	2	2	..	..	..	..	2	..	
Total	102	1,194	1,296	746	135	204	112	67	1,264	32	

Special surveys made to determine the fitness of premises for the storage of combustibles or explosive material, 9,248.

Special surveys of places of amusement, 71.

Samples of kerosene oil collected and tested, 588.

Money Received for Licenses and Permits Issued, Penalties Collected, Sale of Explosives, etc., Seized, etc.

3,577 Kerosene oil licenses issued at \$10.....	\$35,770 00
51 Powder licenses issued at \$5.....	255 00
1,933 Special permits issued at \$2.....	3,866 00
8 Wholesale fireworks permits issued at \$20.....	160 00
385 Retail fireworks permits issued at \$5.....	1,925 00
22 Kindling fire in street permits issued at 50 cents.....	11 00
161 Permits to use and keep explosives in hand magazine issued at \$10.....	1,610 00
6 Permits to use and keep explosives in main magazine issued at \$25.....	150 00
13 Permits to sell explosives issued at \$25.....	325 00
19 Permits to transport explosives issued at \$1.....	19 00
2 Manufacturers of fireworks permits at \$100.....	200 00
200 Special permits issued at \$5.....	1,000 00
45 Special permits issued at \$10.....	450 00
7 Special permits issued at \$20.....	140 00

Total for licenses and permits..... \$45,881 00

200 Penalties for chimney fires at \$5..... \$1,000 00

4 Penalties for hoistways left open at \$50..... 200 00

Total for penalties..... 1,200 00

Total received and turned over to the Relief Fund..... \$47,081 00

BUREAU OF FIRE MARSHAL.

Report for the Boroughs of Manhattan, The Bronx and Richmond, for the Year Ending December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I respectfully forward herewith annual report of this Bureau for the year 1902.

The report shows that the number of fires in the boroughs of Manhattan, The Bronx and Richmond for the year was 5,839, divided as follows:

Borough of Manhattan, number of fires.....	5,270
Borough of the Bronx, number of fires.....	370
Borough of Richmond, number of fires.....	199

Total..... 5,839

Total loss to buildings and contents during the year 1902..... \$4,510,982 00

Average loss per fire..... 773 00

During the preceding year there were 5,743 fires, as follows:

Borough of Manhattan, number of fires.....	5,112
Borough of The Bronx, number of fires.....	404
Borough of Richmond, number of fires.....	227

Total..... 5,743

Total loss to buildings and contents during the year 1901..... \$5,883,526 00

Average loss per fire..... 1,024 47

A recapitulation of the figures shows an increase of 96 fires for the year 1902 over the year 1901, and a decrease in the total loss for the year 1902, as against the year 1901, of \$1,372,544; and a decrease of the average loss per fire for the year 1902, as against the year 1901, of \$251 47.

Number of complaints of violations of law and dangerous conditions in building, etc., received, 552.

Disposition—

Orders issued.....	449
No cause for complaint.....	87
Referred to other departments.....	16

Total..... 552

Causes removed and orders complied with..... 414

Cases pending..... 35

Total..... 449

Number of witnesses examined in relation to fires, etc..... 699

Number of letters written..... 592

Number of persons arrested in cases of suspected incendiarism, January 1, 1902, to December 31, 1902, inclusive..... 35

Cases pending December 31, 1901..... 6

Total..... 41

Disposition—
Dismissal by Magistrates and Judges Court of General Sessions..... 15
Acquitted by juries..... 3
Indictment dismissed..... 1
Grand Jury failed to indict..... 3
Adjudged to be insane and sent to asylums..... 3
Pleaded guilty, convicted and sentenced..... 15
Cases pending December 31, 1902..... 1

Total..... 41

I forward herewith, for the purpose of comparison, tables containing the number of persons arrested in cases of suspected incendiarism for the previous year, 1901, as follows:

Number of arrests..... 33
Dismissals and discharges..... 21
Failed to indict and acquittals..... 4
Death pending trial..... 1
Conviction..... 1
Cases pending December 31, 1901..... 6

Total..... 33

In addition to the routine work of the office, pursuant to your instructions, special inspections and examinations were made by me for the purpose of deter-

mining just what standpipes, hose, nozzles, fire appliances, etc., were required in certain buildings, under the provisions of section 762, chapter 466, Laws of 1901 (the Greater New York Charter), and sections 102, 103, 104, 108 and 109 of the Building Code.

The following buildings were regularly visited, inspected and examined by the Fire Marshal during the year 1902:

Theatres 16
Apartment houses..... 10
Business and office buildings..... 24
Hospitals 15
Hotels 5
Asylums 6
Academy 1
Almshouses, hospitals, institutions, etc..... 42

Total examinations and inspections..... 119

Special reports were forwarded to your office containing the results of each examination, with such recommendations, etc., as were necessary to cover conditions in each case. In addition thereto, the question of proper fire appliances for all public schools in the boroughs of Manhattan, The Bronx, Richmond, Brooklyn and Queens was taken up and disposed of.

Respectfully submitted,

THOMAS F. FREEL, Fire Marshal.

LOSSES AND INSURANCE. Borough of Manhattan for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Estimated Loss— Insured and Uninsured.													
On buildings and vessels.....	\$258,019	\$330,912	\$150,160	\$48,947	\$69,322	\$60,813	\$60,143	\$90,936	\$40,269	\$67,517	\$129,061	\$163,290	\$1,469,389
On contents	251,643	398,116	313,262	114,423	476,686	138,326	117,800	115,842	134,244	158,436	218,934	251,346	2,689,258
Total.....	\$509,662	\$729,028	\$463,422	\$163,370	\$546,008	\$199,339	\$177,943	\$206,778	\$174,513	\$225,953	\$347,995	\$414,636	\$4,158,647
Estimated Insurance—													
On buildings and vessels.....	\$12,285,700	\$11,336,650	\$14,543,035	\$10,710,962	\$8,389,275	\$7,631,900	\$9,018,800	\$8,898,500	\$7,242,875	\$10,091,669	\$8,974,275	\$15,407,075	\$124,590,716
On contents	3,594,075	3,327,150	3,022,143	2,378,975	4,052,030	2,607,650	2,193,825	2,208,530	2,379,145	2,409,870	1,512,531	3,484,875	33,170,799
Total.....	\$15,879,775	\$14,663,800	\$17,565,178	\$13,089,937	\$12,441,305	\$10,239,550	\$11,212,625	\$11,107,030	\$9,622,020	\$12,501,539	\$10,486,806	\$18,951,950	\$157,761,515
Estimated Uninsured Loss—													
On buildings and vessels.....	\$1,930	\$201,185	\$593	\$1,647	\$5,750	\$1,725	\$11,180	\$1,865	\$370	\$825	\$76,060	\$2,060	\$305,190
On contents	24,138	272,720	5,653	9,715	13,371	11,466	18,975	4,883	3,269	7,892	10,581	17,312	399,981
Total.....	\$26,068	\$473,911	\$6,246	\$11,362	\$19,121	\$13,191	\$30,155	\$6,748	\$3,639	\$8,717	\$86,641	\$19,372	\$705,171
Average loss per fire.....	\$954	\$1,554	\$1,001	\$374	\$1,135	\$464	\$396	\$568	\$521	\$582	\$844	\$816	\$789
Number of fires.....	534	469	463	437	481	430	449	364	335	388	412	508	5,270

Borough of The Bronx for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Estimated Loss— Insured and Uninsured.													
On buildings and vessels.....	\$3,305	\$7,855	\$5,740	\$1,770	\$3,963	\$9,464	\$6,863	\$9,325	\$1,765	\$2,625	\$520	\$1,765	\$54,960
On contents	5,518	9,345	8,105	1,320	3,640	15,120	1,601	11,910	2,900	6,975	995	2,075	69,504
Total.....	\$8,823	\$17,200	\$13,845	\$3,090	\$7,603	\$24,584	\$8,464	\$21,235	\$4,665	\$9,600	\$1,515	\$3,840	\$124,464
Estimated Insurance—													
On buildings and vessels.....	\$185,900	\$446,025	\$165,150	\$179,700	\$138,000	\$541,850	\$410,300	\$1,127,050	\$143,300	\$608,200	\$199,500	\$323,000	\$4,468,975
On contents	28,000	551,400	53,100	38,500	36,300	25,300	65,400	312,300	24,100	36,000	14,000	84,050	1,269,050
Total.....	\$214,900	\$997,425	\$218,250	\$218,200	\$174,300	\$567,150	\$475,700	\$1,439,350	\$167,400	\$644,800	\$213,500	\$407,050	\$5,738,025
Estimated Uninsured Loss—													
On buildings and vessels.....	\$75	\$300	\$4,725	.....	\$653	\$4,200	\$2,525	\$300	\$205	.....	.....	.....	\$12,983
On contents	608	150	1,610	10	85	6,020	105	.....	910	55	205	135	9,893
Total.....	\$683	\$450	\$6,335	\$10	\$738	\$10,220	\$2,630	\$300	\$1,115	\$55	\$205	\$135	\$22,876
Average loss per fire.....	\$294	\$506	\$420	\$119	\$272	\$848	\$220	\$663	\$212	\$369	\$61	\$83	\$336
Number of fires.....	30	36	33	26	28	29	37	32	22	26	25	40	370

Borough of Richmond for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Estimated Loss— Insured and Uninsured.													
On buildings and vessels.....	\$6,005	\$5,800	\$23,982	\$79,907	\$662	\$3,230	\$2,034	\$597	\$941	\$308	\$12,330	\$15,370	\$151,166
On contents	2,968	3,780	37,065	13,165	413	1,115	630	607	6,190	187	4,010	6,575	76,705
Total.....	\$8,973	\$9,580	\$61,047	\$93,072	\$1,075	\$4,345	\$2,664	\$1,204	\$7,131	\$495	\$16,340	\$21,945	\$227,871
Estimated Insurance—													
On buildings and vessels.....	\$49,600	\$35,150	\$162,800	\$59,935	\$16,450	\$14,500	\$53,375	\$11,525	\$41,525	\$107,100	\$22,350	\$34,200	\$608,510
On contents	26,700	17,000	125,250	8,505	3,500	4,900	75,400	11,705	88,500	15,300	5,870	15,700	398,390
Total.....	\$76,300	\$52,150	\$288,050	\$68,500	\$19,950	\$19,400	\$128,775	\$23,230	\$130,025	\$122,400	\$28,220	\$49,900	\$1,006,900
Estimated Uninsured Loss—													
On buildings and vessels.....	\$103	.....	\$112	\$64,290	\$45	\$50	\$20	\$60	\$13	.....	\$400	\$50	\$65,143
On contents	188	\$300	350	11,125	338	45	215	232	35	\$150	610	.....	13,588
Total.....	\$291	\$300	\$462	\$75,415	\$383	\$95	\$235	\$292	\$48	\$150	\$1,010	\$50	\$78,731
Average loss per fire.....	\$427	\$958	\$2,261	\$3,324	\$98	\$362	\$121	\$86	\$648	\$31	\$1,080	\$1,829	\$1,145
Number of fires.....	21	10	27	28	11	12	22	14	11	16	15	12	199

Boroughs of Manhattan, The Bronx and Richmond for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Estimated Loss— Insured and Uninsured.													
On buildings and vessels.....	\$267,329	\$344,567	\$170,882	\$130,624	\$73,947	\$73,507	\$69,040	\$100,858	\$42,975	\$70,450	\$141,911	\$180,425	\$1,675,515
On contents	260,129	411,241	358,432	128,908	480,739	154,761	120,031	128,359	143,334	165,598	223,939	259,996	2,835,467
Total.....	\$527,458	\$755,808	\$529,314	\$259,532	\$554,686	\$228,268	\$189,071	\$229,217	\$186,309	\$236,048	\$365,850	\$440,421	\$4,510,982
Estimated Insurance—													
On buildings and vessels.....	\$12,522,200	\$11,817,825	\$14,870,985	\$10,950,597	\$8,543,725	\$8,188,250	\$9,482,475	\$10,037,075	\$7,427,700	\$10,806,969	\$9,196,125	\$15,824,275	\$129,668,201
On contents	3,648,775	3,895,550	3,200,493	2,426,040	4,091,830	2,637,850	2,334,625	2,532,535	2,491,745	2,461,770	1,532,401	3,584,625	34,838,239
Total.....	\$16,170,975	\$15,713,375	\$18,071,478	\$13,376,637	\$12,635,555	\$10,826,100	\$11,817,100	\$12,569,610	\$9,919,445	\$13,268,739	\$10,728,526	\$19,408,900	\$164,506,440
Estimated Uninsured Loss—													
On buildings and vessels.....	\$2,108	\$201,485	\$5,430	\$65,937	\$6,448	\$5,975	\$13,725	\$2,225	\$588	\$825	\$76,460	\$2,110	\$383,316
On contents	24,934	273,176	7,613	20,850	13,794	17,531	19,295	5,115	4,214	8,097	11,396	17,447	423,462
Total.....	\$27,042	\$474,661	\$13,043	\$86,787	\$20,242	\$23,506	\$33,020	\$7,340	\$4,802	\$8,922	\$87,856	\$19,557	\$806,778
Average loss per fire.....	\$902	\$1,468	\$1,029	\$528	\$1,067	\$485	\$372	\$559	\$506	\$549	\$809	\$778	\$773
Number of fires.....	585	515	523	491	520	471	508	410	368	430	452	566	5,839

EXTENT OF LOSS AT FIRES. Borough of Manhattan for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.	Percentage to Whole No. of Fires.	Loss Less Than.	Number of Fires.
Nominal or less than \$10.....	156	136	156	144	182	156	174	140	143	167	176	166	1,896	36	.....	.....
Between \$10 and \$50.....	102	116	92	106	124	112	127	89	80	100	95	128	1,271	24	\$50	3,167
Between \$50 and \$100.....	62	39	49	42	45	32	39	44	44	31	40	57	524	10	100	3,691
Between \$100 and \$1,000.....	170	133	128	117	93	94	81	65	48	67	69	116	1,181	20 1/2	1,000	4,872
Between \$1,000 and \$5,000.....	32	36	20	22	24	25	22	18	15	14	21	26	275	5	5,000	5,147
Between \$5,000 and \$10,000.....	3	4	13	4	6	6	1	4	2	3	5	10	61	1	10,000	5,208
Between \$10,000 and \$20,000.....	6	2	2	1	4	3	3	1	2	3	3	1	31	..	20,000	5,230
Between \$20,000 and \$30,000.....	..	..	..	1	1	1	1	2	..	1	..	2	9	..	30,000	5,248
Between \$30,000 and \$40,000.....	1	1	..	..	..	1	1	1	..	1	..	..	7	..	40,000	5,255
Between \$40,000 and \$50,000.....	..	..	1	..	..	..	..	..	..	1	..	..	2	..	50,000	5,257

Between \$50,000 and \$60,000.....	...	...	1	...	...	...	...	...	...	...	1	2	..	60,000	5,259
Between \$60,000 and \$70,000.....	1	1	...	...	...	...	...	...	...	...	...	2	..	70,000	5,261
Between \$70,000 and \$80,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	80,000	...
Between \$80,000 and \$90,000.....	1	...	2	...	3	..	90,000	5,264
Between \$90,000 and \$100,000.....	1	...	...	...	...	...	...	...	...	...	...	1	...	100,000	5,265
Between \$100,000 and \$125,000.....	...	...	...	...	1	...	...	...	...	...	...	...	..	125,000	...
Between \$125,000 and \$150,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	150,000	5,267
Between \$150,000 and \$175,000.....	...	1	...	...	...	...	...	...	...	...	...	1	..	175,000	5,268
Between \$175,000 and \$200,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	200,000	...
Between \$200,000 and \$225,000.....	...	...	...	1	...	...	...	...	...	...	...	1	..	225,000	5,269
Between \$225,000 and \$250,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	250,000	...
Between \$250,000 and \$275,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	275,000	...
Between \$275,000 and \$300,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	300,000	...
Between \$300,000 and \$350,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	350,000	...
Between \$350,000 and \$400,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	400,000	...
Between \$400,000 and \$450,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	450,000	...
Between \$450,000 and \$500,000.....	...	1	...	...	...	...	...	...	...	...	...	1	..	500,000	5,270
Between \$500,000 and \$600,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	600,000	...
Between \$600,000 and \$700,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	700,000	...
Between \$700,000 and \$800,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	800,000	...
Between \$800,000 and \$900,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	900,000	...
Between \$900,000 and \$1,000,000.....	...	...	...	...	...	...	...	...	...	...	...	...	..	1,000,000	...
Total.....	534	469	463	437	481	430	449	364	335	388	412	508	5,270			

Borough of The Bronx for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Percentage to Whole No. Year. of Fires.	Loss Less Than.	Number of Fires.
Nominal or less than \$10.....	8	8	13	9	12	16	15	17	4	11	9	21	143	39	....
Between \$10 and \$50.....	11	10	7	9	7	4	10	3	5	8	8	7	89	24	\$50
Between \$50 and \$100.....	2	4	3	2	3	2	2	3	2	1	3	3	30	8	100
Between \$100 and \$1,000.....	6	19	7	5	4	3	7	7	10	3	5	14	81	22	1,000
Between \$1,000 and \$5,000.....	3	3	2	1	2	2	3	...	1	2	...	1	20	5	5,000
Between \$5,000 and \$10,000.....	...	1	1	...	...	...	...	2	...	1	...	...	5	1	10,000
Between \$10,000 and \$20,000.....	2	...	...	...	...	...	...	2	...	20,000
Between \$20,000 and \$30,000.....	30,000
Between \$30,000 and \$40,000.....	40,000
Between \$40,000 and \$50,000.....	50,000
Between \$50,000 and \$60,000.....	60,000
Between \$60,000 and \$70,000.....	70,000
Between \$70,000 and \$80,000.....	80,000
Between \$80,000 and \$90,000.....	90,000
Between \$90,000 and \$100,000.....	100,000
Between \$100,000 and \$125,000.....	125,000
Between \$125,000 and \$150,000.....	150,000
Between \$150,000 and \$175,000.....	175,000
Between \$175,000 and \$200,000.....	200,000
Between \$200,000 and \$225,000.....	225,000
Between \$225,000 and \$250,000.....	250,000
Between \$250,000 and \$275,000.....	275,000
Between \$275,000 and \$300,000.....	300,000
Between \$300,000 and \$350,000.....	350,000
Between \$350,000 and \$400,000.....	400,000
Between \$400,000 and \$450,000.....	450,000
Between \$450,000 and \$500,000.....	500,000
Between \$500,000 and \$600,000.....	600,000
Between \$600,000 and \$700,000.....	700,000
Between \$700,000 and \$800,000.....	800,000
Between \$800,000 and \$900,000.....	900,000
Between \$900,000 and \$1,000,000.....	1,000,000
Total.....	30	36	33	26	28	29	37	32	22	26	25	46	370		

Borough of Richmond for the Year 1902.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Percentage to Whole No. Year. of Fires.	Loss Less Than.	Number of Fires.
Nominal or less than \$10.....	2	1	8	2	5	3	7	7	6	10	5	6	62	31	....
Between \$10 and \$50.....	5	4	3	12	3	5	9	1	...	3	2	3	50	25	\$50
Between \$50 and \$100.....	1	3	3	3	3	2	3	1	2	2	...	...	23	11½	100
Between \$100 and \$1,000.....	11	...	7	7	...	1	2	5	2	1	2	2	40	20	1,000
Between \$1,000 and \$5,000.....	2	1	2	3	...	1	1	...	1	...	6	...	17	8½	5,000
Between \$5,000 and \$10,000.....	...	1	2	...	...	...	...	...	...	...	...	...	3	1½	10,000
Between \$10,000 and \$20,000.....	1	...	...	...	...	...	...	...	...	...	1	..	20,000
Between \$20,000 and \$30,000.....	1	...	...	...	...	...	...	...	...	1	2	1	30,000
Between \$30,000 and \$40,000.....	40,000
Between \$40,000 and \$50,000.....	50,000
Between \$50,000 and \$60,000.....	60,000
Between \$60,000 and \$70,000.....	70,000
Between \$70,000 and \$80,000.....	80,000
Between \$80,000 and \$90,000.....	I	...	...	...	...	...	...	...	...	1	..	90,000
Between \$90,000 and \$100,000.....	100,000
Between \$100,000 and \$125,000.....	125,000
Between \$125,000 and \$150,000.....	150,000
Between \$150,000 and \$175,000.....	175,000
Between \$175,000 and \$200,000.....	200,000
Between \$200,000 and \$225,000.....	225,000
Between \$225,000 and \$250,000.....	250,000
Between \$250,000 and \$275,000.....	275,000
Between \$275,000 and \$300,000.....	300,000
Between \$300,000 and \$350,000.....	350,000
Between \$350,000 and \$400,000.....	400,000
Between \$400,000 and \$450,000.....	450,000
Between \$450,000 and \$500,000.....	500,000
Between \$500,000 and \$600,000.....	600,000
Between \$600,000 and \$700,000.....	700,000
Between \$700,000 and \$800,000.....	800,000
Between \$800,000 and \$900,000.....	900,000
Between \$900,000 and \$1,000,000.....	1,000,000
Total.....	21	10	27	28	11	12	22	14	11	16	15	12	199	..	...

BUREAU OF THE FIRE MARSHAL.
MANHATTAN, BRONX AND RICHMOND BOROUGHES.
Causes and Estimated Losses by Fires for the Year Ending December 31, 1902.

Causes.	Manhattan.		Bronx.		Manhattan and The Bronx—Total.		Richmond.		Total.	
	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.
Alcohol, tar, pitch gum, oils, paints, etc., igniting on stoves, gaslights, etc.	22	\$1,560	2	\$15	24	\$1,575	...	...	24	\$1,590
Ashes (hot) igniting woodwork, etc.	20	16,305	...	...	20	16,305	1	...	21	16,306
Bonfires (sparks from).....	55	1,187	7	595	62	1,782	6	\$2,200	68	3,987
Chimneys, fireplaces, flues (defective), grates, etc. (heat from, etc.).....	359	65,150	21	560	380	65,710	18	7,473	398	73,183
Candles and tapers (carelessness with).....	327	30,416	7	680	334	31,096	5	450	339	31,546
Children playing with fire, matches, etc.	245	23,447	18	1,967	263	25,414	4	804	267	26,218
Cigars, cigarettes, pipes, etc. (smoking of).....	312	21,871	21	7,945	333	29,816	8	592	341	30,408
Chemicals, explosives, etc. (igniting and explosion of).....	1	...	...	...	1	...	1	200	2	200
Christmas trees (ignition of).....	9	2,345	1	125	10	2,470	...	...	10	2,470
Electric cars (defective fuse).....	35	1,194	3	10	38	1,204	1	50	39	1,254
Electric lights, wires, etc. (sparks from, or defective).....	105	41,609	9	8,630	114	50,239	4	6,810	118	57,049
Explosion and ignition of kerosene, naphtha, benzine, gasoline, etc.	88	15,083	5	155	93	15,238	3	95	83	15,333
Fireworks.....	14	4,585	8	2,573	22	7,158	5	1,009	101	8,163
Friction of machinery.....	14	26,425	1	5	15	26,430	1	...	16	26,430
Fumigating (rooms, etc.) with sulphur.....	5	1,360	...	...	5	1,360	...	...	5	1,360
Gas (explosion of escaping).....	152	10,844	7	162	159	11,006	1	40	160	11,046
Gas lights igniting merchandise in stores, show-windows, woodwork, etc.	212	25,018	12	8,780	224	33,798	3	98	227	33,896
Gas stoves, ranges, radiators, etc. (explosion of, or heat from igniting woodwork, etc.).....	101	15,060	6	425	107	15,485	...	...	107	15,485
Hot air pipes igniting woodwork, etc.	6	1,975	...	...	6	1,975	...	...	6	1,975
Incendiarism.....	27	6,215	4	20	31	6,235	...	...	31	6,235
Kerosene oil (used in starting stove fires).....	6	670	...	...	6	670	...	...	6	670
Lamps, kerosene, gasoline, etc. (falling, breaking, upsetting, heat from, etc.).....	161	35,275	18	4,933	179	40,208	6	195	185	40,403
Lamps, kerosene, gasoline, etc. (explosion of).....	42	5,522	7	275	49	5,797	5	72	54	5,869
Lightning striking structures and igniting same.....	...	...	5	4,555	5	4,555	6	1,315	11	5,870
Lime (slaking of).....	4	1,900	1	10	5	1,910	...	...	5	1,910
Matches (carelessness in the use of).....	747	235,791	59	13,670	806	249,461	14	3,254	820	252,715
Matches gnawed by rats and igniting buildings, materials, etc.	25	28,097	1	275	26	28,372	...	...	26	28,372
Meat, fat, glue, etc., igniting on stove.....	77	6,613	4	620	81	7,233	1	...	82	7,233
Metals (hot) igniting woodwork, merchandise, etc.	13	5,013	...	...	13	5,013	...	...	13	5,013
Mischief (malicious).....	12	1,025	1	500	13	1,525	...	...	13	1,525
Not ascertained.....	1,228	3,191,350	48	45,635	1,276	3,236,985	48	196,838	1,324	3,433,823
Rekindling of previous fires.....	4	5,032	1	25	5	5,057	...	...	5	5,057
Sparks from chimneys, stoves, stovepipes, etc.	132	70,505	10	2,065	142	73,470	9	1,356	151	74,826
Sparks from locomotives, engines, etc.	41	700	18	2,055	59	2,755	10	1,720	69	4,475
Sparks from other fires.....	8	2,010	...	...	8	2,010	...	...	8	2,010
Steam pipes igniting beams or other woodwork.....	2	525	...	...	2	525	...	...	2	525
Stoves, boilers, furnaces, stovepipes, heater-pipes, etc. (heat from igniting buildings or materials).....	279	154,581	38	11,170	317	165,751	17	1,991	334	167,742
Stoves, furnaces, grates, etc. (hot coals falling from).....	34	8,286	2	100	36	8,386	4	415	40	8,801
Stoves, kerosene, gasoline, etc. (explosion).....	2	25	2	3,000	4	3,025	4	740	8	3,765

Stoves, kerosene, gasoline, etc. (falling or upsetting).....	60	6,511	2	5	62	6,516	2	23	64	6,539
Spontaneous combustion of oily rags, etc.....	34	37,015	5	1,010	39	38,025	2	139	41	38,155
Thawing out water or gas pipes with candles, etc.....	26	1,485	3	960	29	2,445	1	15	30	2,460
Tramps, vagrants and others lighting fires in bushes, woods, vacant lots, unoccupied buildings, etc.....	137	459	11	53	148	512	8	6	156	518
Tar pot boiling over in street and igniting.....	19	612	2	.....	21	612	1	.....	22	612
Workmen, tenants or others burning rubbish in fireplaces incompletely.....	5	1,000	.....	.....	5	1,000	.....	.....	5	1,000
Totals.....	5,270	\$4,158,647	370	\$124,464	5,640	\$4,283,111	199	\$227,871	5,839	\$4,510,982

Indictments and Convictions for Arson, Incendiarism, Etc.

Name.	Description of Person Age. Color. Nativity.	Occupation.	Nature of Charge and Circumstances.	Nature of Indictment and Date.	When and of What Convicted.	Sentence and Remarks.
Jacob Gorman, No. 279 Delancey street.....	29 White .. Russia	Merchant	Setting fire to building, No. 2290 Third avenue, October 14, 1900.....	July 15, 1901; arson, second degree.....	.....	April 15, 1902; indictment dismissed by Judge Newburger, Court of General Sessions, Part I., on account of death of principal witness for the prosecution.
Henry Pinuty, No. 307 East Eighty-third street	43 White .. Italy	Barber	Setting fire to building, No. 307 East Eighty-third street, November 16, 1901.....	December 23, 1901; arson, first degree.....	January 31, 1902; arson, third degree.....	February 21, 1902; sentenced to fifteen years in State Prison, Court of General Sessions, Part IV.
Thomas Dellas, No. 241 Second street.....	35 White .. Italy	Barber	Setting fire to building, No. 307 East Eighty-third street, November 16, 1901.....	December 23, 1901; arson, first degree.....	.....	Discharged by Judge Newburger, February 21, 1902, Court of General Sessions, Part IV.
Sarah Goldman, No. 617 Second avenue.....	22 White .. Austria	Housewife	Setting fire to building, No. 617 Second avenue, October 22, 1901.....	.....	.....	Discharged by Magistrate in Fourth District Police Court, January 4, 1902.
Abraham D. Pleser, No. 106 Greenwich street.....	32 White .. Austria	Restaurant Keeper.....	Setting fire to building, No. 106 Greenwich street, November 26, 1901.....	.....	.....	Discharged in First District Magistrates' Court, January 22, 1902.
Jacob Kleinfeld, No. 155 Park row.....	26 White .. Austria	Restaurant Keeper.....	Setting fire to building, No. 106 Greenwich street, November 26, 1901.....	.....	.....	Discharged in First District Magistrates' Court, January 22, 1902.
William Gallagher, No. 142 West One Hundred and Second street	27 White .. United States.....	Carpenter	Setting fire to building, No. 420 West Forty-seventh street, January 14, 1902.....	January 21, 1902; arson, first degree.....	February 19, 1902; attempt arson, third degree	February 19, 1902; one year, State Prison, Judge Foster, General Sessions, Part III.
Esther Woolridge.....	13 Colored.. United States.....	Inmate of Asylum.....	Setting fire to Juvenile Asylum, One Hundred and Seventy-sixth street and Amsterdam avenue, December 30, 1901.....	.....	January 15, 1902; pleaded guilty.....	January 15, 1902; House of Refuge, Dr. C. E. Bruce, Superintendent of Asylum.
Josephine A. Wagner, No. 327 East Sixty-fifth street.....	47 White .. United States.....	Housekeeper.....	Setting fire to building, No. 327 East Sixty-fifth street, February 7, 1902.....	.....	March 1, 1902; declared to be insane.....	March 3, 1902; committed to the Middletown State Hospital for the Insane.
Edward J. Farley, No. 176 East Eighty-eighth street.....	29 White .. United States.....	Elevator Attendant.....	Setting fire to building, No. Broadway, Barclay and Vesey streets, Astor House, March 19, 1902.....	April 11, 1902; arson, first degree.....	Arson, first degree; pleaded guilty.....	May 21, 1902; sentenced to Elmira Reformatory; Recorder Goff, General Sessions, Part I.
Donato Curcio, No. 37 Crosby street (rear).....	25 White .. Italy	Musician	Setting fire to rear building, No. 37 Crosby street, March 24, 1902.....	April 8, 1902; arson, first degree.....	.....	March 14, 1902; acquitted by jury, Court of General Sessions, Part I., Recorder Goff.
Julia Johnson, No. 628 East One Hundred and Fifty-ninth street.....	19 Colored.. United States.....	Servant	Setting fire to building, No. 2436 Morris avenue, The Bronx.....	May 1, 1902; arson, first degree.....	.....	October 13, 1902; acquitted by jury, General Sessions, Part I., Judge Cowing.
Samuel Wright, No. 521 West Twenty-seventh street	11 White .. United States.....	Schoolboy	Setting fire to building Nos. 520 to 526 and 527 West Twenty-seventh street, April 16, 1902.....	.....	.....	April 21, 1902; discharged by Magistrate, Second District Magistrate's Court.
John Wright, No. 521 West Twenty-seventh street	13 White .. United States.....	Schoolboy	Setting fire to premises, Nos. 520 to 526 and 527 West Twenty-seventh street, April 16, 1902.....	.....	.....	April 21, 1902; discharged by Magistrate, Second District Magistrate's Court.
Eugene Zengen, No. 423 East Eighty-second street	11 White .. United States.....	Schoolboy	Setting fire to building, No. 315 East Eighty-second street, April 24, 1902.....	.....	.....	April 30, 1902; Grand Jury failed to indict on account of youth.
Samuel Klein, No. 319 East Seventy-ninth street	11 White .. United States.....	Schoolboy	Setting fire to building, No. 315 East Eighty-second street, April 24, 1902.....	.....	.....	April 30, 1902; Grand Jury failed to indict on account of youth.
James L. Everard, No. 68 West One Hundred and Thirty-fourth street.....	20 White .. United States.....	Assistant Superintendent of Brewery.....	Setting fire to premises, No. 235 West One Hundred and Thirty-fifth street, March 31, 1902, and No. 2120 Madison avenue, April 1, 1902.....	May 1, 1902; arson, first degree, two indictments .....	.....	May 19, 1902; indictments dismissed by Recorder Goff, Court of General Sessions.
Henry Young, No. 41 Cherry street.....	47 Colored.. West Indies.....	Sailors' Boarding House Keeper.....	Setting fire to building, No. 41 Cherry street, May 1, 1902.....	May 9, 1903; arson, first degree	May 25, 1902; arson first degree	May 21, 1902; State Prison, four years, Judge Cowing, Part IV., General Sessions.
William Clark, No. 41 Cherry street.....	66 Colored.. Key West.....	Cook	Setting fire to building, No. 41 Cherry street, May 1, 1902.....	May 9, 1903; arson, first degree .....	.....	May 29, 1902; discharged by Judge Cowing, Part IV., General Sessions.
John Lease, No. 267 Ninth avenue.....	9 White .. United States.....	Schoolboy	Setting fire to lumber yard, Twenty-ninth street and Thirteenth avenue, May 11, 1902.....	.....	May 21, 1902; disorderly conduct.....	May 21, 1902; sentenced to six months in Catholic Protectory; Magistrate Zeller, Seventh District Court.
William Johnson.....	13 White .. United States.....	Schoolboy	Setting fire to lumber yard, Twenty-ninth street and Thirteenth avenue, May 11, 1902.....	.....	May 21, 1902; disorderly conduct.....	May 21, 1902; sentenced to six months in Catholic Protectory; Magistrate Zeller, Seventh District Court.
James McMahon, No. 541 West Thirtieth street	11 White .. United States.....	Schoolboy	Setting fire to lumber yard, Twenty-ninth street and Thirteenth avenue, May 11, 1902.....	.....	May 21, 1902; disorderly conduct.....	May 21, 1902; sentenced to six months in Catholic Protectory; Magistrate Zeller, Seventh District Court.
William Shea, No. 442 West Thirtieth street	8 White .. United States.....	Schoolboy	Setting fire to lumber yard, Twenty-ninth street and Thirteenth avenue, May 11, 1902.....	.....	May 21, 1902; disorderly conduct.....	May 21, 1902; sentenced to six months in Catholic Protectory; Magistrate Zeller, Seventh District Court.
Richard Shea, No. 442 West Thirtieth street	14 White .. United States.....	Laborer	Setting fire to lumber yard, Twenty-ninth street and Thirteenth avenue, May 11, 1902.....	.....	.....	May 21, 1902; Discharged by Magistrate, Seventh District Court.
Frank White, No. 510 West Twenty-eighth street	13 White .. United States.....	Schoolboy	Setting fire to lumber yard, Thirtieth street between Eleventh and Thirteenth avenues, May 15, 1902.....	.....	May 21, 1902; disorderly conduct.....	May 21, 1902; sentenced to six months, Catholic Protectory, Magistrate Zeller, Seventh District Court.
Robert McGee, No. 503 West Fifty-fifth street	15 White .. United States.....	Factory Hand.....	Setting fire to building, Nos. 1, 3 and 5 Stryker's lane, May 20, 1902.....	.....	May 30, 1902; disorderly conduct.....	May 30, 1902; sentenced to five days, City Prison, Magistrate Barlow, Seventh District Court.
John Nash, No. 212 West Sixty-second street	15 White .. United States.....	Factory Hand.....	Setting fire to building, Nos. 1, 3 and 5 Stryker's lane, May 20, 1902.....	.....	May 30, 1902; disorderly conduct.....	May 30, 1902; sentenced to five days, City Prison, Magistrate Barlow, Seventh District Court.
James Ranahan.....	17 White .. United States.....	Factory Boy.....	Setting fire to building, Nos. 541 to 545 West Thirtieth street, June 10, 1902.....	July 16, 1902; attempt arson, third degree.....	July 22, 1902; pleaded guilty, attempt arson, third degree.....	July 25, 1902; sentenced to Elmira Reformatory, Recorder Goff, Court of General Sessions, Part II.
John Persini, No. 24 Hamilton street.....	10 White .. Italy	None	Setting fire to building, No. 80 Franklin street and No. 87 Walker street, July 13, 1902.....	.....	.....	July 16, 1902; discharged by Magistrate Deuel, First District Court.
August Ferragiar, Nos. 73 and 75 Baxter street	16 White .. United States.....	Nickelplater.....	Setting fire to building, No. 80 Franklin street and No. 87 Walker street, July 13, 1902.....	.....	.....	July 16, 1902; discharged by Magistrate, First District Court.
Mary Frances Moseley, Nos. 83 and 85 Charlton street.....	30 Colored.. United States.....	Servant	Setting fire to building, No. 83 Chatham street, July 18, 1902.....	.....	.....	July 26, 1902; committed to Manhattan State Hospital for the Insane, Ward's Island.
Leon Moretzky, Coney Island	68 White .. Austria	Peddler	Setting fire to premises, No. 171 East Ninety-ninth street, August 23, 1902.....	.....	.....	November 19, 1902; complaint dismissed, Grand Jury failed to indict.
Alexander Marrow, No. 161 East Seventy-seventh street.....	40 White .. France	Insurance Agent.....	September 25, 1902; presenting false proof of loss.....	October 10, 1902; violation sections 758 and 759, Penal Code.....	October 17, 1902; violation sections 758 and 759 Penal Code.....	October 28, 1902; sentenced to State Prison for not more than two years or less than one year, Judge Cowing, Part I., General Sessions. Awaiting trial, \$2,000 bail.
Henry A. Cassidy, No. 2511 Third avenue.....	30 White .. United States.....	Engineer	Setting fire to premises, No. 407 East One Hundred and Fortieth street	December 8, 1902; arson, second degree.....	.....	November 7, 1902; committed to Manhattan State Hospital, Ward's Island.
Marie Le Grand (no address)	34 White .. France	Dressmaker.....	October 26, 1902; setting fire to building, No. 356 West Forty-ninth street.....	.....	.....	December 23, 1902; acquitted by jury, General Sessions, Part I., Judge Newburger.
John I. Madden (no home)	44 White .. United States.....	None	Setting fire to load of hay on hay truck, in front of No. 650 West Thirty-fourth street, November 12, 1902.....	December 8, 1902; arson, third degree, and injury to property.....	.....	November 20, 1902; found guilty of arson, first degree, by jury, sentenced November 26, 1902, State Prison for 10 years by Judge Cowing in Court of General Sessions, Part II.
Frederick Wagner, No. 349 East Eighty-seventh street.....	21 White .. United States.....	Glassblower.....	November 17, 1902; re-trial on account of decision of Court of Appeals, reversing previous trial, April 8, 1901.....	.....	.....	November 19, 1902; discharged by Magistrate Deuel, First District Court.
Michael Pigno, No. 214 Grand street.....	45 White .. Italy	Cheesemaker.....	Setting fire to building, Nos. 214 and 216 Grand street; November 18, 1902.....	.....	.....	November 30, 1902; discharged by Magistrate Marsh, First District Court of Stapleton, S. I.
Henry Herbst, Stapleton, S. I.	32 White .. Germany	Sailor and Farmer.....	Setting fire to barn on Grimes' Hill, west side of Serpentine road, Stapleton, S. I., November 29, 1902.....	.....	.....	December 2, 1902; discharged by Magistrate Marsh, First District Court of Stapleton, S. I.
Jacob Youst, Stapleton, S. I.	60 White .. Switzerland ..	Farmer	Setting fire to barn on Grimes' Hill, west side of Serpentine road, Stapleton, S. I., November 29, 1902.....	.....	.....	December 11, 1902; discharged by Judge Mayer, Court of Special Sessions.
Samuel Friedman, No. 91 Columbia street.....	17 White .. England	Schoolboy	Setting fire to building, No. 158 Wooster street, November 29, 1902.....	.....	.....	.....

BOROUGH OF MANHATTAN, THE BRONX AND RICHMOND.

Record of Complaints and Disposition for the Year Ending December 31, 1902.
From What Source.

No.	No.
Engine Companies..... 146	Tenement House Department..... 4
Fire Marshall's Bureau..... 122	Building Bureau..... 1
Occupants..... 119	Department of Education..... 1
Neighbors..... 68	Board of Fire Underwriters..... 1
Hook and Ladder Companies..... 50	
Anonymous..... 18	Pending..... 552
Health Department..... 9	
Miscellaneous..... 8	
Factory Inspectors..... 5	
	831

Class of Structure, or Business.

No.	No.
Tenements..... 272	Clubhouses..... 4
Dwellings..... 101	Tenement tailors..... 3
Business..... 77	Lodging houses..... 2
Miscellaneous..... 12	Laundries..... 2
Restaurants..... 12	Armory..... 1
Apartment..... 11	Institution..... 1
Factories..... 11	Foundry..... 1
Hotels..... 10	Hospital..... 1
Bakeries..... 9	
Boarding houses..... 7	Pending..... 279
Forges..... 6	
Schools..... 5	
Stables..... 4	
	831

Cause of Complaints.

No.	No.
Defective flues..... 279	Defective stove..... 1
Generally dangerous conditions..... 262	Defective heater..... 1
Defective pipes..... 3	
Defective furnaces..... 3	Pending..... 279
Miscellaneous..... 2	
Defective range..... 1	
	831

Disposition.

No.	No.
Causes removed..... 68	No cause..... 87
Orders complied with..... 625	Referred to other Departments..... 16
Orders pending..... 35	
	831

Strength of Uniformed Force, Number of Fires, with Losses, from 1866 to 1902, Inclusive.

Year.	No of Companies.	No. of Officers and Men.	Fires.	Loss by Fire.	Average Loss Per Fire
1866.....	54	964	796	\$6,428,000 00	\$8,075 38
1867.....	54	919	873	5,711,000 00	6,541 81
1868.....	52	592	740	4,342,000 00	5,867 57
1869.....	52	590	850	2,696,393 00	3,172 23
1870.....	52	596	964	2,120,212 00	2,199 39
1871.....	52	596	1,258	2,127,356 00	1,691 06
1872.....	52	596	1,649	2,891,818 00	1,753 67
1873.....	54	651	1,470	4,022,640 00	2,736 48
1874.....	64	712	1,355	1,430,306 00	1,055 58
1875.....	67	748	1,418	2,472,536 00	1,742 67
1876.....	68	747	1,382	3,851,213 00	2,786 70
1877.....	65	752	1,450	3,210,695 00	2,214 27
1878.....	65	727	1,654	1,884,505 00	1,139 36
1879.....	64	720	1,551	5,671,580 00	3,656 72
1880.....	65	748	1,783	3,183,440 00	1,785 44
1881.....	66	769	1,785	5,820,259 00	3,260 55
1882.....	67	826	2,001	4,195,060 00	2,096 43
1883.....	63	895	2,169	3,512,848 00	1,619 37
1884.....	70	919	2,406	3,474,547 00	1,444 12
1885.....	71	927	2,479	3,789,283 00	1,528 55
1886.....	71	951	2,415	3,340,810 00	1,383 35
1887.....	74	960	2,929	5,585,425 00	1,917 28
1888.....	74	1,040	3,217	5,485,922 00	1,705 29
1889.....	76	1,039	2,836	4,142,777 00	1,460 78
1890.....	77	1,041	3,479	4,168,165 00	1,198 09
1891.....	79	1,072	3,938	6,950,650 00	1,767 31
1892.....	79	1,032	4,011	5,060,973 00	1,261 80
1893.....	80	1,058	4,151	5,992,583 00	1,443 64
1894.....	81	1,090	3,983	4,208,553 00	1,056 62
1895.....	82	1,143	3,903	3,519,801 00	888
1896.....	86	1,173	3,890	3,418,591 00	878 81
1897.....	86	1,166	4,103	3,306,802 00	830 57
1898.....	91	1,223	4,103	3,873,637 00	944 09
1899.....	94	1,375	5,203	7,335,708 00	1,409 80
1900.....	96	1,386	5,490	6,014,686 00	1,409 80
1901.....	97	1,464	5,516	5,580,835 00	1,011 21
1902.....	99	1,493	5,640	4,283,111 00	759 42
Total 37 years.....		98,852		\$155,204,710 00	\$1,570 07

HOSPITAL AND TRAINING STABLES.

Report for the Boroughs of Manhattan and The Bronx, for the Year Ending December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I have the honor to submit the following report of horses for the year 1902:

Number on hand December 31, 1901.....	569
Number purchased during 1902.....	73
Total.....	642
Died during 1902.....	30
Sold during 1902.....	27
On hand December 31, 1902.....	585
Number of horses on trial December 31, 1901.....	3
Received on trial during 1902.....	198
Accepted.....	201
Rejected.....	73
Still on trial.....	122
Total.....	201

Very respectfully,

JOSEPH SHEA, Chief of Battalion in Charge.

CONTRACTS AWARDED.

Chargeable to Appropriation Accounts, Boroughs of Manhattan and The Bronx, 1902.

Date of Letting.	Date of Contract.	Name of Contractor.	Nature of Contract.	Amount.
Jan. 27	Feb. 1	Cornelius Daly....	*140 cords pine kindling wood.....	\$1,176 00
Jan. 27	Feb. 3	John H. Meyer....	*4,000 tons anthracite coal (for apparatus houses).....	18,360 00
Feb. 18	Feb. 27	Moquin - Offerman - Heissenbuttel Coal Company.....	*1,700 tons anthracite coal (for fireboats)....	7,565 00

Feb. 18	Feb. 27	Moquin - Offerman - Heissenbuttel Coal Company.....	*450 tons anthracite coal (pea size).....	1,395 00
Feb. 18	Mar. 12	Falling Rock Canal Coal Company.....	*500 tons cannel coal.....	5,500 00
June 24	June 27	Cornelius Daly....	*3,000 sacks pine kindling wood, 10 cords pine wood.....	938 00
July 1	July 12	Cornelius Daly....	*9,000 sacks pine kindling wood.....	1,800 00
Aug. 5	Aug. 12	John H. Meyer....	*500 tons anthracite coal.....	4,375 00
Sept. 12	Sept. 23	John H. Meyer....	*300 tons anthracite coal (pea size).....	1,875 00
			Forage.	
Jan. 27	Jan. 31	Horace Ingersoll..	*Hay, straw, oats and bran (Manhattan).....	23,552 00
Jan. 27	Feb. 6	Geo. N. Reinhardt.	*Hay, straw, oats and bran (Bronx).....	6,305 00
July 10	July 16	Horace Ingersoll..	*Hay, straw, oats and bran (Manhattan).....	25,565 00
July 25	Aug. 4	Geo. N. Reinhardt & Co.....	*Hay, straw, oats and bran (Bronx).....	5,633 75
			Telegraph Wire and Underground Cable.	
Feb. 4	Feb. 18	Standard Under-ground Cable Company.....	*20 miles telegraph wire.....	1,261 92
July 10	Aug. 8	John A. Roebling's Sons Company....	*20 miles copper telegraph wire.....	1,100 00
Aug. 29	Sept. 16	John A. Roebling's Sons Company....	*20 miles copper telegraph wire.....	1,100 00
April 15	May 15	Safety Insulated Wire and Cable Company.....	*15,000 feet underground cable.....	1,962 50
July 25	Aug. 8	Safety Insulated Wire and Cable Company.....	*60,000 feet underground cable.....	16,500 00
			Apparatus—New.	
Sept. 15	Sept. 20	International Fire Engine Company.	*3 75-foot aerial hook and ladder trucks....	9,600 00
Sept. 15	Oct. 2	W. S. Nott Company, Minneapolis, Minnesota.....	*2 first-size steam fire engines.....	9,600 00
Sept. 15	Oct. 2	W. S. Nott Company, Minneapolis, Minnesota.....	*2 third-size steam fire engines.....	8,600 00
Oct. 29	Dec. 4	James A. Shephard & Son.....	*3 first-size hose wagons.....	1,635 00
			Apparatus—Repairs.	
April 25	April 29	International Fire Engine Company.	*Alterations and repairs to Clapp & Jones steam fire engine, Registered No. 544, etc.....	2,750 00
			Fire Hose.	
May 29	July 2	Eureka Fire Hose Company.....	*2,000 feet 1½-inch cotton rubber-lined.....	1,200 00
May 29	July 2	Eureka Fire Hose Company.....	*8,000 feet 2½-inch cotton rubber-lined.....	8,000 00
May 29	July 2	Eureka Fire Hose Company.....	*8,000 feet 3-inch cotton rubber-lined.....	10,000 00
May 29	July 2	Eureka Fire Hose Company.....	*2,000 feet 3½-inch cotton rubber-lined.....	3,000 00
May 29	July 3	Fabric Fire Hose Company.....	*4,000 feet 2½-inch cotton rubber-lined.....	4,000 00
May 29	July 3	Fabric Fire Hose Company.....	*2,000 feet 3-inch cotton rubber-lined.....	2,100 00
May 29	July 21	Gutta Percha and Rubber Manufacturing Company..	*2,200 feet 1½-inch cotton rubber-lined.....	1,100 00
May 29	July 21	Gutta Percha and Rubber Manufacturing Company..	*8,000 feet 2½-inch cotton rubber-lined.....	7,200 00
			Horses, Harness, Sponges.	
May 9	May 16	Fiss, Doerr & Carroll Horse Company.....	*80 horses (25 per cent. more or less) for drawing fire apparatus, and 10 for use by chief officers.....	22,500 00
April 8	April 17	George Worthington.....	*Harness.....	3,218 50
July 10	July 23	National Sponge and Chamois Company.....	*Sponges.....	955 00
			Total.....	\$221,422 67
			Architect's Services.	
July 29		H. de B. Parsons..	**Preparing plans and specifications and supervising construction of a new fireboat..	\$4,000 00
			New Fireboat and Pumps Therefor.	
Dec. 30x	Dec. 31	New York Ship-building Company.....	**Building and delivering a new steel fireboat.	70,000 00
Dec. 30x	Dec. 31	American Fire Engine Company....	**Furnishing fire-pumps for the above.....	11,000 00
			Total.....	\$81,000 00
			Alterations and Repairs to Fireboat.	
Nov. 25	Dec. 9	John F. Walsh....	***Alterations and repairs to fireboat "Zophar Mills".....	\$23,746 00
			***Completing repairs to fireboat "Zophar Mills".....	10,064 00
			Total.....	\$33,810 00
			New Buildings.	
Aug. 7	Aug. 22	Laurence J. Rice...†	†House for Engine Company 62, White Plains avenue, Bronx.....	\$34,735 00
Aug. 26	Sept. 8	Thomas B. Leahy..†	†House for Engine Company 32, south side of Beekman street, east of William street, Manhattan.....	33,800 00
Aug. 28	Sept. 9	William H. Wright & Son.....†	†Apparatus house, Sedgwick avenue and One Hundred and Seventy-eighth street, Bronx.	43,436 00
Sept. 12	Sept. 18	Fanning & Reilly..†	†Apparatus house, Nos. 105 and 107 West One Hundred and Second street, Manhattan....	66,000 00
Dec. 16	Dec. 24	Fanning & Reilly..†	†House for Engine Company No. 41, south side of One Hundred and Fiftieth street, 200 feet west of Courtlandt avenue, Bronx.	32,800 00
			Repairs and Alterations to Buildings.	
April 30	May 20	Tolmie & Kerr....†	†House of Hook and Ladder Company 15, Old Slip, Manhattan.....	9,549 00
June 26	July 22	Thomas B. Leahy..†	†House of Engine Company 9, No. 55 East Broadway, Manhattan.....	24,479 00
Sept. 24	Sept. 30	Tolmie & Kerr....†	†House of Engine Company 22, No. 159 East Eighty-fifth street, Manhattan.....	18,549 00
			Fire Alarm Telegraph System.	
Sept. 24	Oct. 13	Commercial Construction Company.....†	†Extending and improving fire alarm telegraph system, Manhattan.....	13,449 00
			Total.....	\$274,797 00

BOROUGH OF RICHMOND.

Fire Alarm Telegraph System.

Dec. 30x	Dec. 31	Frederick Pearce..	\$Installing and completing a fire alarm telegraph system.....	\$18,321 00
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* Chargeable to Apparatus, Supplies, etc.
 ** Chargeable to Two New Fireboats.
 *** Chargeable to Revenue Bond Fund for 1901, for repairs to "The New Yorker" and "Zophar Mills."
 † Chargeable to Fire Department Fund for Sites, Buildings and Telegraph System, Bond Issue of 1901.
 ‡ Chargeable to Revenue Bond Fund for a Fire Alarm Telegraph System, Borough of Richmond.
 x Date of award; contracts in these three instances not ready for execution in 1902.

BOND ISSUES—BOROUGH OF MANHATTAN.

A Special Revenue Bond issue of \$12,000, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, was authorized by the Board of Estimate and Apportionment, in accordance with resolution adopted by the Board of Aldermen requesting such action, to enable the Department to make extensive repairs and alterations to the building occupied as quarters of Hook and Ladder Company 18, at No. 84 Attorney street.

The work of depressing the grade of Attorney street four feet in preparing for the approaches to the new Williamsburg Bridge will necessitate the lowering of the first floor of the truck house to a corresponding extent, and, as the building has stood for many years and requires extensive renovation to adapt it to present requirements, it has been deemed advisable to have all the necessary work done at the one time. With this object in view, the plans and specifications have been prepared and the contract for doing the work will be awarded early in the coming year.

Application was made to the Board of Estimate and Apportionment for the annual bond issue allowance for 1902 of \$300,000, provided for in chapter 76 of the Laws of 1894, as amended by chapter 751 of the Laws of 1896, for the acquisition of new sites, the erection of new buildings, additions and alterations to such buildings, fitting up and furnishing the same, placing wires and conduits of the fire alarm telegraph sys-

tem underground and extending the overhead portion of the system, but without result.

BOROUGH OF RICHMOND.

Two Special Revenue Bond issues, one of \$25,300 and the other of \$25,000, were provided for by the Board of Estimate and Apportionment and the Board of Aldermen during the year 1902, for the installation of a modern fire alarm telegraph system in this borough.

Subsequently it was deemed advisable by the Commissioner to ask those bodies for their consent to the application of the proceeds of the \$25,000 bond issue to the purchase of apparatus, horses, hose and equipment for the volunteer fire companies of the borough. The Board of Estimate and Apportionment has granted the request, but the Board of Aldermen has not as yet done so, although its favorable action in the matter is looked for early in the new year.

SUPERINTENDENT OF BUILDINGS BRANCH.

Report for the Boroughs of Manhattan, The Bronx and Richmond for the Year Ending December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I have the honor to submit the following report in relation to the buildings of this Department for the year 1902:

A considerable change has taken place in the scope of the work of the office during the year, and while it was found impossible to put all the changes into operation until toward the close of the year, good results have, nevertheless, already been obtained. The work of the office is divided into two parts: First, work involving advertised contracts, such as new buildings and extensive alterations, the cost of which is paid from the bond issue. Second, small contract jobs, and work done by Department mechanics.

New Buildings and Extensive Alterations.

On January 1, 1902, no work of this character was actually in process of construction, although plans were being prepared by architects under the supervision of this office for four new buildings. During the year, contracts have been let for the following work:

Extensive alterations to the quarters of Hook and Ladder Company 15, located at Old slip, borough of Manhattan, amounting to \$9,549, were completed December 2, 1902. The plans and specifications were prepared in this office.

Extensive alterations were made to the quarters of Engine Company 9, located at No. 55 East Broadway, involving practically the rebuilding of the house, as only the wooden beams of the second and third floors and the roof and side walls were utilized in the new construction. The contract for this work, amounting to \$22,479, was awarded on July 22, 1902. The plans and specifications were prepared in this office.

Alterations similar to those made at the quarters of 9 Engine were also made to the quarters of Engine Company 22, located at No. 159 East Eighty-fifth street, borough of Manhattan, except that in this case the old front of the building was repaired instead of being replaced by new. The contract for this work, amounting to \$18,549, was awarded September 30, 1902. Plans and specifications were prepared at this office.

A new building for Engine Company 62, located on White Plains road, near Julianna street, borough of The Bronx, the contract price of which was \$34,735, was commenced August 22, 1902.

The contract for a new building for Engine Company 32, at No. 49 Beekman street, borough of Manhattan, amounting to \$33,800, was awarded September 18, 1902.

The contract for a proposed new engine company at the northwest corner of One Hundred and Seventy-eighth street and Sedgwick avenue, amounting to \$43,436, was awarded September 9, 1902.

The contract for a proposed double engine company to be located at Nos. 105 and 107 West One Hundred and Second street, amounting to \$66,000, was awarded September 18, 1902.

The plans and specifications for the four buildings above-mentioned were made by Messrs. Horgan & Slattery, under the supervision of this office, and were commenced during the year 1901.

The contract for a new building for Engine Company 41, to be located on the southerly side of One Hundred and Fiftieth street, 200 feet west of Courtlandt avenue, borough of The Bronx, amounting to \$32,800, was awarded December 24, 1902. The plans and specifications were prepared at this office.

Plans were filed with the Department of Buildings for a new building for Engine Company 7 and Hook and Ladder Company 1, to be located on the southerly side of Chambers street, between Centre street and Park row. The cost of this building is estimated at \$115,000.

Plans were also filed with the Department of Buildings for new Repair Shops, to be located on the northeast corner of Fifty-sixth street and Twelfth avenue, borough of Manhattan, at an estimated cost of \$200,000.

The plans and specifications for both these buildings were made in this office. Plans were also prepared by Mr. Percy Griffin, architect, for a proposed double hook and ladder house, to be located in One Hundred and Fourteenth street, near Madison avenue, borough of Manhattan, at an estimated cost of \$65,000.

The total amount of work for which plans and specifications were prepared in this office is estimated to be \$398,377. The architects' fees for this amount of work would have been 5 per cent. on all completed work and 3 per cent. on work which had progressed sufficiently far to permit the filing of the plans with the Department of Buildings. On this basis the work would have cost \$13,618.85. The total amount of salaries paid the Draughtsmen employed in this office, including my own salary, was \$6,679.62.

This office is now in a condition to more promptly and cheaply than outside architects prepare plans and specifications for as much work as the Board of Estimate and Apportionment is apt to authorize at any time.

A new site at Intervale avenue and One Hundred and Sixty-ninth street, borough of The Bronx, was acquired by condemnation proceedings during the year, upon which it is proposed to erect a much-needed apparatus house.

A like course is being pursued by the Corporation Counsel at the request of this Department, and with the assent of the Board of Estimate and Apportionment for the acquirement of sites on the southerly side of One Hundred and Fourteenth street, 25 feet east of Madison avenue, borough of Manhattan, and on the easterly side of Briggs avenue, 120.50 feet southwardly from the southeasterly corner of Briggs avenue and East Two Hundredth street, borough of The Bronx, and the City will, it is believed, become the owner of this property early in the coming year.

The Board of Estimate and Apportionment has been requested to acquiesce in the acquirement, at private sale for the sum of \$50,000, of the site Nos. 278-284 Spring street, borough of Manhattan, upon which to erect a new house for Engine Company 30, located, since the inauguration of the paid Fire Department, at No. 253 Spring street, and it is believed that it will do so and that the transaction will soon be consummated.

Small Contract Jobs and Work Done by Department Mechanics.

A considerable extension of this part of the service has been made during the past year, on the ground that it would be more economical to have small jobs done by men directly employed rather than by contractors, who must necessarily allow for the time lost in estimating, profit and the delay in being paid. The increase in the number of mechanics took effect in August. The following table shows a comparison of the repair work done during the last quarter of 1901 with the last quarter of 1902:

Repairs by Department Mechanics during last quarter 1901..	\$1,188 87	
Contract repairs, same period.....	12,279 30	
		\$13,468 17
Repairs by Department Mechanics during last quarter 1902..	\$4,693 17	
Contract repairs, same period.....	5,418 90	
		10,112 07

Decrease \$3,356 10

The table shows quite clearly that the additional cost of repairs made by the Department Mechanics was more than offset by the decrease in the amount awarded to outside contractors, the ultimate result being a net saving, notwithstanding the increase in the payroll.

Repairs and small alterations were made on 112 buildings in the boroughs of Manhattan and The Bronx at a total cost of \$40,096.04. Of this approximately \$9,-

978.50 was for alterations, additions and betterments required by the exigencies of the service, and \$30,097.54 was for ordinary repairs.

The amount of repairs averaged \$358 per building.

Grouping the repairs and alterations, 804 jobs were done by contract, amounting to \$32,475.29, and 487 jobs were done by mechanics employed by the Department, the estimated cost of which is \$7,620.75.

In the following report of the work done in each building, the value of the work done by the Department Mechanics has been estimated from the cost of material used and the time spent. These amounts are, therefore, approximate. The amounts set opposite the contract repairs are exact:

	Contract Repairs.	Estimated Repairs By Department Mechanics.	Totals.
Engine Company 1.....	\$248 75	\$99 02	\$347 77
Engine Company 2.....	199 30	8 15	207 45
Engine Company 3.....	154 30	83 23	237 53
Engine Company 4.....	248 00	8 45	256 45
Engine Company 5.....	1,183 25	22 40	1,205 65
Engine Company 6.....	58 00	73 43	131 43
Engine Company 7.....	124 10	39 49	163 59
Engine Company 8.....	337 50	167 39	504 89
Engine Company 9.....	35 00	11 25	46 25
Engine Company 10.....	82 45	28 10	110 55
Engine Company 11.....	387 00	34 38	421 38
Engine Company 12.....	201 00	96 12	297 12
Engine Company 13.....	15 00	130 76	145 76
Engine Company 14.....	275 70	75 55	351 25
Engine Company 15.....	122 50	172 90	295 40
Engine Company 16.....	92 75	134 93	227 68
Engine Company 17.....	104 50	75 15	179 65
Engine Company 18.....	189 30	43 39	232 69
Engine Company 19.....	400 50	109 64	510 14
Engine Company 20.....	237 90	105 54	343 44
Engine Company 21.....	97 10	110 80	207 90
Engine Company 22.....	68 50	2 10	70 60
Engine Company 23.....	119 25	119 41	238 66
Engine Company 24.....	320 40	49 17	369 57
Engine Company 25.....	63 50	126 83	190 33
Engine Company 26.....	72 50	105 62	178 12
Engine Company 27.....	280 50	97 30	377 80
Engine Company 28.....	17 00	43 64	60 64
Engine Company 29.....	120 00	23 25	143 25
Engine Company 30.....	96 00	77 00	173 00
Engine Company 31.....	1,386 75	11 22	1,397 97
Engine Company 32.....	12 00	36 45	48 45
Engine Company 33.....	439 25	33 06	472 31
Engine Company 34.....	211 00	149 89	360 89
Engine Company 35.....	26 50	5 26	31 76
Engine Company 36.....	28 42	105 50	133 92
Engine Company 37.....	79 95	47 40	127 35
Engine Company 38.....	252 25	138 68	390 93
Engine Company 39.....	270 75	43 38	314 13
Engine Company 40.....	179 75	75 40	255 15
Engine Company 41.....	58 82	29 50	88 32
Engine Company 42.....	197 00	44 30	241 30
Engine Company 43.....	.....	1 00	1 00
Engine Company 44.....	981 00	81 82	1,062 82
Engine Company 45.....	160 50	103 50	264 00
Engine Company 46.....	150 00	44 95	194 95
Engine Company 47.....	22 00	19 50	41 50
Engine Company 48.....	938 50	25 75	964 25
Engine Company 49.....	.....	.....	.....
Engine Company 50.....	6 00	70 62	76 62
Engine Company 51.....	.....	50 77	50 77
Engine Company 52.....	46 00	50 32	96 32
Engine Company 53.....	249 50	37 05	286 55
Engine Company 54.....	99 75	86 17	179 92
Engine Company 55.....	71 00	29 36	100 36
Engine Company 56.....	6 00	40 93	46 93
Engine Company 57.....	68 80	53 55	122 35
Engine Company 58.....	76 10	81 31	157 41
Engine Company 59.....	537 45	3 15	540 60
Engine Company 60.....	108 25	2 40	110 65
Engine Company 61.....	796 35	123 86	920 21
Engine Company 62.....	1,556 00	68 76	1,624 76
Engine Company 63.....	92 50	41 15	133 65
Engine Company 64.....	74 50	33 15	107 65
Engine Company 65.....	147 75	82 53	230 28
Engine Company 66.....	21 00	4 72	25 72
Engine Company 67.....	141 00	1 45	142 45
Engine Company 68.....	161 45	.....	161 45
Engine Company 69.....	528 00	37 19	565 19
Engine Company 70.....	.....	50	50
Engine Company 71.....	181 50	.....	181 50
Engine Company 72.....	181 50	.....	181 50
Engine Company 73.....	153 00	.....	153 00
Engine Company 74.....	146 25	10 90	157 15
Engine Company 75.....	103 25	21 41	124 66
Hook and Ladder Company 1.....	63 00	50 44	113 44
Hook and Ladder Company 2.....	324 65	23 75	348 40
Hook and Ladder Company 3.....	141 43	199 53	340 96
Hook and Ladder Company 4.....	332 50	112 49	444 99
Hook and Ladder Company 5.....	162 25	93 50	255 75
Hook and Ladder Company 6.....	214 75	216 08	430 83
Hook and Ladder Company 7.....	82 35	60 17	142 52
Hook and Ladder Company 8.....	197 75	89 90	287 65
Hook and Ladder Company 9.....	132 00	50 10	191 10
Hook and Ladder Company 10.....	915 00	188 35	1,103 35
Hook and Ladder Company 11.....	47 25	63 37	110 62
Hook and Ladder Company 12.....	110 00	53 22	163 22
Hook and Ladder Company 13.....	93 00	337 04	430 04
Hook and Ladder Company 14.....	565 00	81 25	646 25
Hook and Ladder Company 15.....	393 73	1 10	394 83
Hook and Ladder Company 16.....	442 00	11 78	453 78
Hook and Ladder Company 17.....	450 00	53 53	503 53
Hook and Ladder Company 18.....	284 25	208 33	492 58
Hook and Ladder Company 19.....	97 00	.....	97 00
Hook and Ladder Company 20.....	361 25	628 19	989 44
Hook and Ladder Company 21.....	208 55	88 07	296 62
Hook and Ladder Company 22.....	142 00	89 69	231 69
Hook and Ladder Company 23.....	194 50	.....	194 50
Hook and Ladder Company 24.....	546 00	20 15	566 15
Hook and Ladder Company 25.....	1,859 30	9 70	1,869 00
Headquarters Building.....	5,050 24	159 80	5,210 04
Hospital and Training Stables.....	350 30	140 02	490 32
Repair Shops.....	1,543 00	70 70	1,613 70
Eldridge street storehouse.....	26 00	118 62	144 62
No. 173 Elm street.....	9 60	17 90	27 50
One Hundred and Second street and Columbus avenue.....	49 00	.....	49 00
No. 439 East Sixty-eighth street.....	.....	16 97	16 97
Fuel Depot 2.....	11 00	.....	11 00
Fuel Depot 4.....	67 75	53 53	121 28

Fuel Depot 5.....	\$7 00	1 88	88 88
Fuel Depot 9.....	53 50		53 50
Fuel Depot 12 (Headquarters Eighth Battalion).....	59 50	52 76	112 26
Fuel Depot 19.....		53 58	53 58
Total.....	\$32,475 29	\$7,620 75	\$40,096 04

Respectfully submitted,
ALEXANDER STEVENS, Superintendent of Buildings.

Repair Shops.

Report of the Boroughs of Manhattan and The Bronx for the Year Ending December 31, 1902.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I have the honor to submit the following report of operations in the Repair Shops for the year ending December 31, 1902:

Apparatus Received.

- 1 75-foot Seagrave extension hook and ladder truck.
- 1 85-foot Dederick extension hook and ladder truck.
- 1 75-foot Dederick extension hook and ladder truck.
- 1 light top wagon.

Hose Received.

- 3 35-foot lengths 4-inch Eureka hose, 105 feet.
- 100 50-foot lengths 3½-inch Eureka hose, 5,000 feet.
- 160 50-foot lengths 3-inch Eureka hose, 8,000 feet.
- 280 50-foot lengths 2½-inch Eureka hose, 14,000 feet.
- 40 50-foot lengths 3-inch Unique hose, 2,000 feet.
- 140 50-foot lengths 2½-inch Unique hose, 7,000 feet.
- 220 50-foot lengths 2½-inch Baker hose, 11,000 feet.
- 94 50-foot lengths 1½-inch Baker hose, 4,700 feet.
- 90 50-foot lengths 1½-inch Paragon hose, 4,500 feet.
- 60 8-foot lengths 2½-inch Peerless White Star hose, 480 feet.

Apparatus Repaired at the Works.

By the Seagrave Company—

One hook and ladder truck, registered No. 4 (Hook and Ladder 9), at the expense of Fire Department, \$150; at the expense of Metropolitan Street Railway Company, \$795.

By the International Fire Engine Company—

One Clapp and Jones fire engine, registered No. 544 (Engine Company 30), \$2,750.

By Messrs. Brown and Miller—

The fireboat "The New Yorker" (Engine Company 57), \$37,500.

By R. M. Stivers—

One top wagon, \$56.05.

By James Shewan & Sons—

The fireboat "William L. Strong" (Engine Company 66), \$280.

The fireboat "William L. Strong" (Engine Company 66), \$50.

By George N. Gardiner—

The fireboat "William L. Strong" (Engine Company 66), \$235.

The fireboat "William L. Strong" (Engine Company 66), \$235.

By John W. Sullivan—

The fireboat "William L. Strong" (Engine Company 66), \$375.

By Heipershausen Brothers—

The fireboat "William L. Strong" (Engine Company 66), \$2.

Apparatus Repaired and Placed in Service Outside of Working Hours.

- 97 steam fire engines. 9 water towers.
- 15 hose wagons. 2 battalion wagons.
- 66 hook and ladder trucks. 1 fuel wagon.

Apparatus Repaired at Quarters.

- 103 steam fire engines. 4 hose wagons.
- 138 hook and ladder trucks. 8 battalion wagons.
- 11 water towers. 1 chemical engine.

Apparatus Repaired at Repair Shops.

- 190 steam fire engines (126 extensively). 1 chemical engine.
- 62 hose wagons (34 extensively). 9 locomobiles.
- 56 hook and ladder trucks (22 extensively). 1 supply wagon.
- 125 battalion wagons (29 extensively). 5 water towers.
- 1 sleigh.

The working force of the different branches of these shops was constantly employed during the year turning out new work and making repairs.

Very respectfully,

ISAAC FISHER, Foreman in Charge of Repair Shops.

NEW YORK FIRE DEPARTMENT RELIEF FUND.

Receipts, 1902.

From Bureau of Combustibles—

Oil licenses	\$74,180 00
Fireworks permits	3,865 00
Special permits	10,723 00
Permits for sale, use, etc., of explosives.....	1,835 00
Chimney fire penalties	1,475 00
Powder licenses	475 00
Fire in street permits	38 00

\$92,591 00

Penalties

1,865 19

Violations of agricultural laws

337 50

Contributions—Donations—

January 18, John W. Masury & Son	\$50 00
January 22, Manhattan Fire Alarm Company.....	570 00
February 14, Stephen B. Halsey.....	50 00
March 5, Emil Calman & Co.....	100 00
March 10, Pratt & Lambert.....	100 00
March 17, Burr, Coombs & Wilson.....	25 00
March 31, "Park Avenue Hotel," by Reed & Barnett.....	225 00
April 8, Ida M. Ryan.....	500 00
May 31, Marv R. Wright.....	50 00
June 27, Warren Manufacturing Co.....	50 00
August 16, Mary L. Casselly.....	75 00
December 8, A. G. Robbins and others.....	5 50
December 24, Lehman, Schwartz & Co.....	100 00

1,900 50

Excise tax

150,000 00

Foreign fire insurance company tax.....

90,778 97

Interest on investments.....

41,775 48

Sales of condemned property.....

5,869 37

Fines

3,481 41

Special leaves

2,677 55

Total

\$391,276 97

Disbursements, 1902.

City Comptroller—

To be paid to the Treasurers of the exempt or veteran fireman's associations 45 per cent. of proceeds of suits for penalties and of all license fees collected in boroughs of Queens and Richmond, also 10 per cent. of same to the Treasurer of the Firemen's Association of the State of New York, pursuant to section 789, subdivisions 9 and 10, chapter 46, Laws of 1901

\$3,764 20

Pensions of widows and orphans, Manhattan and The Bronx.....

86,268 04

Pensions of retired men, Manhattan and The Bronx.....

221,618 20

Pay of relieved men, Manhattan and The Bronx.....

48,724 21

Pensions of widows and orphans, Brooklyn and Queens.....

37,596 36

Pensions of retired men, Brooklyn and Queens.....	75,020 37
Expense account	906 13
Total	\$473,897 51

RECAPITULATION.

Amount of fund on hand December 31, 1901—	
Bonds—Investment	\$1,144,007 00
Cash in bank.....	116,666 00
	\$1,260,673 00
Receipts during 1902.....	391,276 97

Aggregate	\$1,651,949 97
Disbursements 1902.....	473,897 51

Balance December 31, 1902—	
Bonds	\$1,144,007 00
Cash in bank	33,774 53
City Comptroller, due for fines and special leaves from Payrolls of November, 1902.....	270 93
	1,178,052 46

Statement of Securities and Assets December 31, 1902.	
New York and Brooklyn City Bonds.....	\$1,042,007 00
Real Estate Bonds and Mortgages.....	102,000 00
Cash in National Bank of North America.....	17,993 95
Cash in New Amsterdam National Bank.....	6,272 38
Cash in Mechanics' Bank, Schermerhorn Branch.....	5,918 76
Cash in Knickerbocker Trust Company.....	42 20
Cash in safe, received December 31, 1902, too late for deposit	3,547 24
City Comptroller	270 93
	\$1,178,052 46

Pension Rolls, December 31, 1902.

Retired men, Manhattan and The Bronx.....	286
Relieved, Manhattan and The Bronx.....	71
Widows, orphans, etc., Manhattan and The Bronx.....	275
Retired men, Brooklyn and Queens.....	103
Widows, orphans, etc., Brooklyn and Queens.....	129
Total	864

NEW YORK CITY AND BROOKLYN BONDS, ETC. The Property of the New York Fire Department Relief Fund.

Description.	No. of Bond.	Rate Per Cent.	Amount.
Croton Water Main.....	51	5	\$10,000 00
Dock Board	5	3	105,000 00
Additional Water Stock, City of New York.....	44	3	65,000 00
Additional Water Stock, City of New York.....	94	3	30,000 00
Consolidated Stock, City of New York.....	200	2½	30,000 00
Consolidated Stock, City of New York.....	430	2½	50,000 00
Consolidated Stock, City of New York.....	460	2½	30,000 00
Eighth Ward Improvement Bond, City of Brooklyn	10	3	25,000 00
School Bond	175	3	4,707 00
Dock Bond	274	3	20,000 00
Third Avenue Bridge Bonds.....	6	3½	100,000 00
Third Avenue Bridge Bonds.....	7	3½	100,000 00
Schoolhouse Bonds, New York City.....	449	3	62,300 00
Gravesend Local Improvement, City of Brooklyn..	021	3½	25,000 00
Water Loan, City of Brooklyn.....	3	3½	16,500 00
Gravesend Local Improvement, City of Brooklyn..	020	3½	8,500 00
Museum of Arts and Sciences, City of Brooklyn...	51	3½	12,000 00
Brooklyn City, Series E, Flatbush Sewer.....	16-20	3½	5,000 00
Brooklyn City, Series E, Flatbush Sewer.....	21-25	3½	5,000 00
Brooklyn City, Series E, Flatbush Sewer.....	26-30	3½	5,000 00
Brooklyn City Series E, Flatbush Sewer.....	31-35	3½	5,000 00
Brooklyn City, Park Improvement Loan.....	12	4	10,000 00
Brooklyn City, Park Improvement Loan.....	11	4	50,000 00
Dock Bond, City of New York.....	497	3	24,000 00
Consolidated Stock, City of New York.....	A-598	5	54,000 00
Consolidated Stock, City of New York.....	5	3½	3,000 00
Consolidated Stock, City of New York.....	12	3½	15,000 00
Consolidated Stock, City of New York.....	2	3½	2,000 00
New York Extension Riverside Drive.....	15	3½	100,000 00
Public Sites, etc., City of Brooklyn.....	13	3	30,000 00
School Building Bonds, City of Brooklyn.....	29	3½	40,000 00
Total			\$1,042,007 00

BONDS AND MORTGAGES.

Name.	Rate of Interest Per cent.	Amount.	Name.	Rate of Interest Per cent.	Amount.
Margaret Shea	4½	\$4,000 00	Celestine Wilkinshoff...	4	17,000 00
Jane Kassenbrock	5	3,000 00	Ellen Nevins	4	5,000 00
Charles Robins	4½	7,000 00	Kate E. Dallan.....	5	5,500 00
Emma L. Kibbe.....	4½	6,000 00	Anson Squires	4½	24,500 00
E. C. Martin and others	5	4,000 00	Wolbeck & Ruthman...	5	6,500 00
Caroline Storm	4½	3,000 00	Michael Mayer	5	1,000 00
Mary Duffy	5	4,500 00			
Corinne Moore	5	1,000 00	Total.....		\$102,000 00
Charles Matlage.....	5	10,000 00			

SUMMARY.

Municipal Bonds	\$1,042,007 00
Bonds and Mortgages.....	102,000 00

Total investments December 31, 1902.....

\$1,144,007 00

As the result of an examination ordered by the Commissioner, as Trustee of the securities held by the New York Fire Department Relief Fund, it was ascertained upon careful appraisal that in consequence of a depreciation in the value of certain pieces of improved real estate in the borough of Brooklyn, upon which moneys of the fund had in former years been loaned on bond and mortgage, the sums thus placed were in a few instances in excess of 50 per cent. of the value of the property. It was deemed advisable to reduce such loans, and it is being done under the guidance of the Corporation Counsel.

PAID WIDOWS AND ORPHANS, BOROUGH OF MANHATTAN AND THE BRONX, DURING YEAR 1902.

Mary Daly, No. 191 East 76th street	\$300 00	Margaret Lanson, Stillwell avenue, Coney Island.....	300 00
Margaret Blessing, St. Nicholas avenue	300 00	Mary A. Nolan, No. 303 East 89th street	300 00
Robert H. Levins, guardian, No. 51 Beach avenue.....	300 00	Mary Purdy, No. 820 Greenwich street	300 00
Frances Lear, No. 6 Ackerman street, Kingsbridge.....	300 00	Fannie O'Reilly, Belleville, N. J. ...	300 00
Rose M. Tobin, No. 416 West 55th street	1,000 00	Mary Flynn, No. 74 West 113th street	300 00
John A. Erb, guardian, No. 273 Spring street, West Hoboken, N. J.	300 00	Mary F. Bermingham, North Tarrytown, N. Y.	300 00
Catherine Kilsheimer, No. 538 West 153d street.....	300 00	Mary Lyons, No. 1341 Second avenue	300 00
Ellen Reilly, No. 397 Madison street	300 00	Charity A. Wilhelm, Hasbrouck Heights, N. J.	300 00
Katie Conry, No. 265 Ninth street, Brooklyn	300 00	Lena Denton, guardian, No. 108 Charles street.....	300 00
Mary J. Nicholson, No. 1811 Third avenue	300 00	Annie M. Algeo, No. 696 East 147th street.....	300 00

Annie Reinhardt, No. 423 Fifth street	300 00	Mary J. Murphy, No. 521 First avenue	300 00	Mary Williams, No. 613 Lexington avenue, Brooklyn	300 00	Bridget McAuliffe, No. 286 Berry street	300 00
Dora McMahon, No. 41 West 140th street	300 00	Hannah Kingsley, No. 213 West 104th street	300 00	Catherine A. Shaw, No. 105 East 90th street	300 00	Thomas McCann, guardian, No. 82 Jane street	300 00
Sarah Prunty, No. 549 West 125th street	300 00	Mary Dunn, 300 East 35th street	300 00	Ella Chenu, No. 236 West 16th street	300 00	Henrietta Hood, No. 172 West 99th street	300 00
Rachel Shuck, No. 235 West 66th street	300 00	Ida Elizabeth Kent, No. 1175 Forest avenue	300 00	Catherine McCormick, No. 155 Sixty-third street	300 00	Sarah S. Richmond, No. 504 West 129th street	300 00
Annie E. Daly, No. 433 East 122d street	300 00	Annie M. Hemsworth, No. 233 East 32d street	300 00	Elizabeth Muller, Hackensack, N. J.	300 00	Mary Hanrahan, No. 206 East 70th street	300 00
Catherine Maher, Bailey avenue, Kingsbridge	300 00	Elizabeth Sheridan, No. 118 East 89th street	300 00	Catherine Fisher, No. 213 East 48th street	300 00	Carrie M. Mond, guardian, No. 928 1st avenue	300 00
Catherine Aukner, No. 107 West 98th street	300 00	Ellen Wright, No. 249 West 18th street	300 00	Mary Wiedman, No. 213 East 48th street	300 00	Annie V. Dean, No. 107 West 127th street	300 00
Margaret Macaulay, No. 1055 Fortieth street, Brooklyn	300 00	Mary Stack, No. 1172 Fulton street, Brooklyn	300 00	Carrie English, No. 253 Greene avenue, Brooklyn	500 00	Ella Gallagher, No. 758 Myrtle avenue, Brooklyn	300 00
Margaret Henderson, Presbyterian Home, 73d street and Madison avenue	300 00	Catherine Vincellette, No. 489 Eighth avenue	300 00	Julia A. Murphy, No. 523 West 124th street	300 00	Annie Featherstone, Thompsonville, Conn.	700 00
Hannah M. Rooney, No. 131 Varick street	300 00	Annie Schaller, No. 105 East 122d street	300 00	Anna A. Gillies, No. 314 West 71st street	300 00	Mary B. Bradley, Williamsbridge, N. Y.	300 00
Annie Flynn, No. 1833 Amsterdam avenue	300 00	Martha W. Shay, No. 597 East 136th street	300 00	Mary F. Reilly, No. 158 East 127th street	300 00	Kate Stone, No. 548 East 142d street	300 00
Georgiana Birkett, Portchester, N. Y.	300 00	Mary Holton, No. 159 West 63d street	300 00	Nora Kelly, No. 457 West 47th street	300 00	Annie Geary, No. 518 East 118th street	700 00
Josephine Willert, No. 286 Gregory avenue, Passaic, N. J.	300 00	Sarah Larkin, No. 139 Engert avenue, Brooklyn	300 00	Anna M. Shaw, No. 310 West 18th street	1,000 00	Ella Pitzer, Fordham street, City Island	300 00
Catherine Pettit, No. 62 East 133d street	300 00	Anna A. Anderson, No. 846 East 158th street	300 00	Margaret Linden, No. 2514 8th avenue	300 00	Frederica del Armitage, No. 2109 7th avenue	300 00
Julia E. Gray, No. 151 Ainslie street, Brooklyn	300 00	Harriet McKiernan, 170th street and Inwood avenue	300 00	Leida Reeves, No. 52 West 99th street	300 00	Eliza L. Jonas, No. 1320 47th street, Brooklyn	300 00
Ann Leonard, No. 1394 Fourth avenue, Brooklyn	300 00	Elizabeth M. Hart, Marion avenue, Fordham	300 00	Rosie Volkhart, No. 1732 Amsterdam avenue	300 00	Mary Calnan, No. 85 King street	200 00
Sarah Downey, No. 162 Carroll street, Brooklyn	300 00	Isabella Aspell, No. 651 St. Ann's avenue	225 00	Maria Griffith, No. 408 Lenox avenue	300 00	Carrie L. Fetter, Yonkers, N. Y.	300 00
Emma C. Daniell, No. 483 Palisades avenue, Jersey City Heights, N. J.	300 00	James E. Powers, guardian Aspell Children	75 00	Phoebe Ellen Van Orden, Gravesend Beach	300 00	Josephine Murtha, No. 633 1st ave.	300 00
Mary E. Dougan, No. 92 Ninth avenue	300 00	Alida Henderson, No. 350 West 18th street	300 00	Margaret E. Kennedy, No. 124 West 124th street	162 50	Mary Soden, No. 876 Greene avenue, Brooklyn	300 00
Sarah J. McCann, No. 331 East 50th street	300 00	Catherine Willett, No. 720 East 160th street	300 00	Elizabeth Newman, Tremont avenue, Long Island City	300 00	Magdalena Bauer, Williamsbridge, N. Y.	300 00
Catherine M. Williams, No. 2227 Adams place	300 00	Lucina A. Landes, No. 494 Robbins avenue	300 00	Sarah McLaughlin, No. 167 East 90th street	300 00	Mary E. Barry, No. 58 East 98th street	300 00
Emeline Jacobus, No. 25 Bathgate avenue, Newark, N. J.	300 00	Annie Oakley, No. 708 Union avenue	300 00	Amanda M. Hunt, Guilford, Conn.	300 00	Della Starrs, No. 570 East 174th street	300 00
Angeline Forren, No. 32 Saratoga avenue, Brooklyn	300 00	Frances Coudron, Morris Park, L. I.	700 00	Seana W. Mount, No. 2602 Pennsylvania avenue, Washington, D. C.	300 00	Ann E. Trainor, No. 339 Willis avenue	300 00
Bridget Herrity, No. 502 West 145th street	300 00	Mary Scott, No. 273 West 12th street	300 00	Clara Jacoby, No. 319 East 125th street	300 00	Katherine Metzler, No. 206 East 41st street	300 00
Jane L. Flynn, No. 175 Jerome street, Brooklyn	300 00	May Vere Grace, No. 210 Putnam avenue, Brooklyn	62 90	Hester E. Hughes, Peekskill, N. Y.	300 00	Bridget Reynolds, No. 349 East 18th street	300 00
Margaret Hutton, No. 182 Bedford avenue, Brooklyn	300 00	Annie Bulger, No. 119 Pacific avenue, Brooklyn	300 00	Lucy Ennis, Springfield, Mass.	300 00	Lizzie Fleming, No. 1722 Webster avenue	300 00
Margaret McNeill, 952 East 149th street	300 00	Emily M. Farlow, No. 1126 Fox street	300 00	Rose Walsh, Keesville, N. Y.	300 00	Matilda Gard, No. 306 St. Ann's avenue	300 00
Katherine Mullen, No. 80 1/2 Jane street	500 00	Ann Gonoudu, Bank of B. N. A., Kinallyduff, Ireland	300 00	Catherine Kelly, Port Richmond, S. I.	300 00	James J. Carolan, guardian, No. 940 8th avenue	300 00
Emily Uhl, No. 32 Hallet street, Astoria, L. I.	300 00	Anna Kelly, Kingston, N. Y.	300 00	Mary T. Taylor, Whitestone, L. I.	300 00	Sarah L. Jewell, No. 221 East 124th street	300 00
Nellie McAllister, No. 146 Lewis street	300 00	Annie E. McNamara, No. 204 Monroe street	300 00	Carrie A. Bush, Lakeview, N. J.	300 00	Amelia Ryan, No. 1150 Union avenue	690 27
Madge Searle, 340 East 119th street	300 00	Annie Teare, No. 633 Greenwich street	300 00	Lizzie E. Parker, Worcester, Mass.	300 00	Mary F. Butt, No. 227 East 26th street	278 33
Sarah Farrell, No. 2848 Broadway	300 00	Catherine Martin, No. 883 East 165th street	300 00	Mary McMamee, No. 179 East 105th street	300 00	Margaret Scherb, guardian, No. 310 East 122d street	281 66
Charlotte Campbell, No. 229 Greene street, Brooklyn	300 00	Louisa Jones, No. 329 East 10th street	300 00	Harriett M. Nash, Naugatuck, Conn.	300 00	Eva M. Murray, No. 301 West 127th street	174 16
Elizabeth Mitchell, No. 219 East 85th street	300 00	Maggie Carten, No. 5 Wayne street, Jersey City, N. J.	300 00	Mary E. Hardy, guardian, No. 101 Barrow street	500 00	Dora B. Delaney, No. 1100A 4th avenue, Brooklyn	157 50
Louise McDonald, No. 802 East 145th street	300 00	Eliza Quackenbush, No. 883 Columbus avenue	225 00	Mary Spence, Bath Beach, Brooklyn	300 00	Mary Bowen, No. 465 2d avenue	290 28
Martha Roberts, No. 198 Washington avenue, Newark, N. J.	300 00	Margaret Hudson, No. 2413 Eighth avenue	300 00	Margaret Springstein, Jersey City Heights, N. J.	300 00	Hannah Garcia, No. 216 East 47th street	125 00
Virginia M. Owens, No. 182 East 124th street	300 00	Annie Rothenhauser, No. 1585 Second avenue	300 00	Johanna T. Feeney, No. 403 East 60th street	300 00	Fannie A. Hern, No. 232 West 71st street	87 97
Hester Morganroe, No. 74 East 119th street	300 00	Margaret McKelvey, No. 500 West 35th street	300 00	Ellen Fitzpatrick, Naugatuck, Conn.	300 00	Margaret V. O'Halloran, No. 80 Morton street	102 50
Mary Shandley, No. 407 East 119th street	300 00	Mary Murray, No. 4 Reid street, Brooklyn	300 00	Adelaide B. Gulick, No. 73 West 124th street	300 00	Julia M. Cox, Deep River, Conn.	89 51
Adala McLane, No. 352 Lafayette avenue, Passaic, N. J.	300 00	Catherine Mead, No. 326 East 55th street	300 00	Elizabeth Ransom, Plainfield, N. J.	15 00	Mary E. Moore, No. 377 College avenue	82 26
Katie Fay, guardian, No. 1155 Second avenue	300 00	Annie Smith, No. 27 Beukard street, Newburg, N. Y.	300 00	Catherine B. McCarthy, No. 113 West 49th street	300 00	Bridget Clare, No. 471 Manhattan avenue	91 93
Margaret McBride, No. 118 Waverly street, Yonkers, N. Y.	300 00	Agnes J. Fergus, No. 238 West 17th street	300 00	Mary Wogan, No. 807 Columbus avenue	300 00	Total	\$86,268 04
Isabella Gormley, No. 667 Cauldwell avenue	300 00	Isabella J. Doncourt, No. 1759 Washington avenue	300 00	Sarah A. Dwyer, No. 226 West 67th street	300 00		
Madaline Reich, guardian, No. 574 Herkimer street, Brooklyn	300 00	Catherine McCarthy, No. 113 West 49th street	300 00	Mary Clark, Flushing, L. I.	300 00		
Julia E. Gray, No. 254 East Broadway	300 00	Ella Gansmann, No. 218 West 123d street	300 00	Delia Connors, No. 1113 1st avenue	300 00		
Margaret McAvoy, No. 254 West 128th street	300 00	Nellie F. Coleman, No. 648 East 16th street	300 00	Margaret Ward, No. 739 Wythe avenue, Brooklyn	300 00		
Helen C. Florence, No. 629 East 142d street	300 00	Margaret E. Knight, No. 143 West 36th street	300 00				
Henrietta Watson, No. 336 West 145th street	300 00	Elizabeth Morris, No. 626 East 17th street	300 00				
Theresa Conlin, No. 190 Prince street, Brooklyn	500 00	Lizzie Jones, No. 749 East 175th street	300 00				
Melinda Banks, No. 70 Lake street, Portchester, N. Y.	300 00	Mary C. Malloy, No. 72 Avenue D.	300 00				
Mary A. Leary, No. 176 East 114th street	300 00	Mary Deary, guardian, No. 321 East 20th street	200 00				
Jennie Coughlan, guardian, No. 105 East 104th street	300 00	Margaret Walsh, No. 86 Thompson street	500 00				
Josephine G. Cain, No. 20 East 131st street	300 00	Margaret Sofield, West 170th street and Edgecombe avenue	300 00				
Margaret Rankin, guardian, No. 843 Columbus avenue	300 00	Ida Godfrey, No. 353 West 16th street	300 00				
Mary Cavanaugh, No. 332 East 37th street	300 00	Mary Goetsch, guardian, No. 474 Ninth avenue	300 00				
Ellen Dunn, No. 338 East 66th street	300 00	Caroline M. Feris, No. 165 West 10th street	300 00				
Martha E. Bowers, No. 433 Berry street, Brooklyn	300 00	Cecilia Dunn, No. 338 East 66th street	300 00				
Mary Bullough, Edgewater, N. J.	300 00	Grace G. Day, Lewis street, Van Nest Park	300 00				
Annie H. Nash, Rochelle Park, N. J.	300 00	Eliza McKowan, No. 66 Charlton street	300 00				
Maggie Loesch, No. 93 Essex street	300 00	Maria Stone, No. 243 East 31st street	300 00				
Catherine J. Du Fon, No. 329 Bedford avenue, Brooklyn	300 00	Lena Stanton, 238th street, Woodlawn Heights	300 00				
Catherine Kennedy, No. 523 Second avenue	300 00	Mary Zwickert, No. 670 East 147th street	300 00				
Margaret Murphy, No. 333 East 93d street	300 00	Anna Kenny, No. 213 West 88th street	300 00				
Elizabeth Riley, No. 914 Forest avenue	300 00	Thomas McGrath, guardian, City Island	50 00				
Elizabeth Wheeling, No. 167 Lee avenue, Brooklyn	300 00	Mary Williamson, guardian, Oakland place, East Tremont	300 00				
Lizzie Grinnon, No. 2325 Bathgate avenue	300 00	Ellen E. O'Keefe, No. 574 East 146th street	300 00				
Jennie McCabe, No. 78 Washington place	300 00	Louisa Messer, No. 27 Morningside avenue	300 00				
Ellen Sullivan, No. 114 Perry street	300 00	Annetta L. Van Orden, No. 238 Ninth avenue	300 00				
Annie O'Conner, Junction, N. J.	300 00	Elizabeth L. Taft, No. 31 Bank street	300 00				
Minnie Shaughnessy, No. 725 Main street, Peekskill, N. Y.	300 00	Lizzie J. Stancliffe, No. 219 West 104th street	300 00				
Mary A. Walsh, No. 334 East 118th street	300 00	Alice E. King, No. 9 Charlton street	300 00				
Louise Clark, West Hoboken, N. J.	300 00	Mary A. Smith, No. 415 First avenue	300 00				
Ellen Skahan, No. 182 Lexington avenue	300 00	Ellen Neuroth, No. 681 East 152d street	300 00				
Samuel Jackson, guardian, No. 436 West 42d street	300 00	Margaret Farley, Tottenville, S. I.	300 00				
Mary Jane Daly, No. 201 East 101st street	300 00	Mary Walker, No. 85 Christopher street	300 00				
Caroline Maner, No. 189 Ninth street, Jersey City, N. J.	300 00	Margaret Monroe, No. 52 Laight street	300 00				
Margaret Holloran, No. 347 East 27th street	300 00	Mary A. Jerolomen, No. 158 West 141st street	300 00				
Emma A. Hopper, No. 204 West 20th street	300 00	Sarah A. McKnight, No. 308 East 18th street	300 00				
Catherine Timon, No. 717 East 165th street	300 00	Ellen Sweeney, No. 45 Rutgers street	300 00				
Ellen Mahedy, No. 84 South 9th street, Brooklyn	300 00	Catherine McParlan, No. 203 East 25th street	300 00				
Mary Jane Levins, No. 169 East 108th street	300 00	Catherine Stephenson, No. 109 Second avenue	300 00				
Sophia Jacobs, guardian, No. 63 Atlantic avenue, Brooklyn	200 00	Annie Grady, No. 157 East 38th street	1,000 00				
Roseanna Fogarty, Rye, N. Y.	204 84	Elizabeth Mulhave, No. 728 Third avenue	96 43				
Louise Cesar, Reading, Pa.	300 00	Henrietta Adams, No. 407 East 5th street	300 00				
Julia Clendenning, No. 106 Canal street, Jamaica, L. I.	300 00	Mary A. Riley, No. 2310 Seventh avenue	300 00				
Mary Aitken, No. 348 Fifty-sixth street, Brooklyn	300 00	Sarah J. Hall, No. 595 East 135th street	300 00				

PAID WIDOWS AND ORPHANS BOROUGH OF BROOKLYN AND QUEENS, DURING YEAR 1902.

Mary C. Beardall, No. 416 Carlton avenue	\$300 00	William Gamble, guardian, No. 140 Sands street	300 00
Elizabeth Dwyer, No. 158 Hoyt street	300 00	William M. C. O'Brien and Catherine Holland, No. 350 South First street	12 50
Harriett R. Frost, Albany, N. Y.	300 00	Mary G. Gardner, No. 182 Rockaway avenue	300 00
Annie Hanley, No. 251 Thirteenth street	300 00	Maria Gallagher, No. 617 Bainbridge street	300 00
Sarah J. Jones, No. 191 Frost street	300 00	Mary Ellen Gregory, No. 465 St. John's place	300 00
Mary McQueenie, No. 170 South Elliott place	300 00	Elizabeth Hickey, No. 193 Ainslie street	300 00
Mary Nolan, No. 239 Frost street	300 00	Mary A. Healy, No. 79 Carroll street	300 00
Mary Read, No. 69 Eighth avenue	181 67	Mary A. Higgins, No. 299 Tompkins avenue	300 00
Elizabeth Asmus, No. 669 Bushwick avenue	300 00	Ellen Howard, No. 141 North Third street	300 00
Catherine Butler, No. 491 State street	300 00	Elizabeth Head, No. 311 Lorimer street	300 00
Catherine Baldwin, No. 706 Grand street	300 00	Annie Hineson, No. 117 Division avenue	300 00
Mary Bennett, No. 153 Fourteenth street	300 00	Lizzie F. Johnston, No. 246 Bay Ridge avenue	300 00
Almira Belden, No. 179 Ainslie street	300 00	Mary Keegan, No. 26 Woodbine street	300 00
Lillian Wood, guardian, No. 258 Fifty-fourth street	300 00	Bridget Kelly, No. 89 Schaeffer street	300 00
Catherine J. Connor, No. 1068 Bedford avenue	300 00	Mary Keenan, No. 187 Fifty-eighth street	300 00
Sophia Cameron, No. 1501 Fulton street	300 00	Henrietta Ketcham, No. 679 Decatur street	300 00
Ellen Callaghan, No. 1007 Fortieth street	300 00	Bridget T. Keegan, No. 24 Fort Greene place	300 00
Emma M. Chin, No. 494 Fifth avenue	300 00	Mary A. Lee, No. 1049 Pacific street	300 00
Mary A. Cartwright, No. 76 Berry street	300 00	Sarah Irene Lane, No. 94 India street	300 00
Katie Clark, No. 82 Union avenue	300 00	Margaret Linker, No. 26 Bushwick avenue	300 00
Amelia Cowden, No. 33 Ross street	300 00	Catherine E. Murray, No. 873 Lafayette avenue	\$300 00
Catherine Constant, No. 647 Wiloughby avenue	300 00	Mary F. Mackin, No. 66 Cooper street	300 00
Annie M. Casey, No. 111 Myrtle avenue	300 00	Mary A. Malone, No. 289 Herkimer street	300 00
Catherine Curry, No. 40 Fourth street	300 00	Elizabeth Mallon, No. 10 Clermont avenue	300 00
Julia Cassidy, No. 194 Lexington avenue	300 00	Minnie Morton, No. 242 Franklin avenue	300 00
Elizabeth Donnelly, No. 99 Gold street	300 00	Mary McDevitt, No. 145 North Sixth street	300 00
Bridget Dunford, guardian, Court and Luquer streets	300 00	Catherine McMail, No. 823 Broadway	300 00
Alice T. Donnelly, No. 114 South Second street	300 00	Mary McKay, No. 180 Eckford street	300 00
Maggie Delamater, guardian, No. 1115 Decatur street	300 00	Mary McElroy, No. 954 Gates avenue	300 00
Emily Delahanty, No. 73 Oakley street	300 00	Mary McKeever, No. 147 Ainslie street	300 00
Catherine Fitzgerald, No. 129 Vanderbilt avenue	300 00	Nellie McKeon, No. 1449 Seventy-second street	300 00
Margaret Farrell, No. 155 Bergen street	300 00	Johanna McHugh, No. 104 Bedford avenue	300 00
Julia A. Ford, No. 196 Roebling street	300 00	Elizabeth McGowan, No. 881 Pacific street	300 00
Frances Farrell, No. 128 Douglass street	300 00	Margaret McLaughlin, No. 58 Concord street	300 00
Catherine Fay, No. 264 State street	300 00	Charles McDonough, guardian, No. 795 Willoughby avenue	300 00
Mary Flood, No. 119 Eagle street	300 00	Jennie McKeon, No. 61 Joralemon street	300 00
Anna Farrell, No. 192 Emerson place	300 00	Bridget McCarthy, No. 462 Henry street	300 00
Ellen Finn, No. 78 Tillary street	300 00	Mary Olmstead, No. 527 Leonard street	300 00
Mary E. Fritschler, No. 151 Twenty-fifth street	300 00	Mary Oates, No. 588 Henry street	300 00
Margaret F. Ford, No. 673 Sixth street	300 00		
Eva Friel, No. 373 Classon avenue	300 00		
Mary Ann Fohey, No. 1045 Third avenue	300 00		
Mary A. Geary, No. 102 Gold street	300 00		
Susan K. Goodwin, No. 63 Lawrence street	300 00		

Isabella O'Connor, No. 123 Dean street	300 00	Emily Reiley, No. 559 Hamburg avenue	300 00	Edward F. Quinn, No. 46 South 8th street, Brooklyn	699 96	Archibald Robinson, No. 336 West 51st street	699 96
Annie Rogers, No. 954 Pacific street	300 00	Harriet Beesley, guardian, No. 266 Skillman street	300 00	Henry Gosler, No. 511 East 84th street	699 96	Patrick J. Gilroy, No. 727 Eighth avenue	466 56
Mary F. Roche, No. 275 Degraw street	300 00	James F. Connolly, guardian, No. 57 Prospect street	300 00	Charles F. Gunner, No. 2642 8th avenue	799 92	William E. Dodge, No. 1993 Webster avenue	699 96
Elizabeth Ryan, No. 106 Johnston street	300 00	Annie Lamb, No. 220 Willoughby avenue	300 00	Henry Ehler, No. 134 French street, New Brunswick, N. J.	699 96	Isaac C. Weeks, No. 1885 Bathgate avenue	699 96
Catherine L. Ryan, No. 62 Kent avenue	300 00	Sarah Kershaw, No. 65 Carlton avenue	310 48	Mier A. Weiner, No. 1076 Brooks avenue	699 96	Edward J. Quinn (Esther Quinn, Com.), No. 22 Lenox avenue	333 24
Mary A. Short, No. 994 Nostrand avenue	300 00	James F. Hunter, guardian, No. 990 Pacific street	297 50	George E. Sembler, West Point Pleasant, N. J.	799 92	William W. Brown, No. 225 South 10th street, Mt. Vernon	1,080 00
Robert J. Smith, guardian, No. 130 Seventh street, Long Island City	300 00	Margaret McDonough, No. 16 Bridge street	259 68	John E. Hyatt, No. 2177 Third avenue	699 96	Alexander McDonald, No. 665 East 135th street	1,080 00
Rebecca Schulz, Manhasset, L. I.	300 00	Mary Dowd, No. 98 Hunter avenue, Long Island City	238 70	Charles V. Ryer, No. 211 Woodruff avenue	799 92	Daniel J. Meagher, No. 32 Chestnut street, Albany, N. Y.	1,080 00
Millie Travis, No. 275 South Fifth street	300 00	Margaret Tobin, No. 213 North Sixth street	1,575 00	John A. McNicol, Spring Valley, N. Y.	699 96	Matthew Hicks, No. 737 East 143d street	1,080 00
Amy J. Tierney, No. 22 Logan street	300 00	Maggie Schmitt, North Eighth street and Bedford avenue	211 30	Hugh D. McCabe, No. 282 Bleecker street	699 96	Samuel Best, No. 352 West 56th street	1,080 00
Annie T. Virtue, No. 199 Tillary street	300 00	Sarah A. Gunning, No. 732 Dean street	158 34	Clement L. Daniels, No. 311 East 114th street	900 00	William H. Cox, No. 435 West 46th street	900 00
Mary Whitford, No. 90 Cedar street	300 00	Ellen Gorman, No. 209 Fifty-ninth street	133 33	Charles E. Bensel, No. 850 McLane avenue, Yonkers	799 92	James Kelly No. 1, No. 729 Amsterdam avenue	699 96
Isabella F. Wallace, No. 151 Ainslie street	300 00	Hannah Cooney, No. 54 Pacific street	216 39	Thomas W. Geary, No. 865 Third avenue	699 96	James Finn, No. 164 East 89th street	927 00
Elizabeth J. Youngs, No. 801 Madison street	300 00	Michael Cooney, No. 54 Pacific street	216 39	Richard J. Shannon, No. 1025 Tinton avenue	799 92	John Welsh, No. 243 East 53d street	1,650 00
Josephine Roberts, No. 264 Eckford street	700 00	Minnie Meyer, Dooley street, Sheephead Bay	130 00	William H. Farrell, No. 558 East 140th street	699 96	Thomas W. Relyea, No. 208 West 85th street	699 96
Annie Murphy, No. 328 Carroll street	300 00	Margaret A. Dains, Bating Hollow, N. Y.	113 33	John Lynch, No. 675 East 162d street	699 96	Richard Hyland, No. 862 East 168th street	699 96
Josephine T. O'Byrne, Hoboken, N. J.	300 00	Eliza F. Brymer, No. 583 McDougal street	131 17	John Murray, No. 1, 105th street and Amsterdam avenue	699 96	Thomas P. Gibney, No. 528 West 133d street	900 00
Annie Geroghty, Ovington street	300 00	Mary E. Irwin, No. 337 Second street	82 26	Matthew O'Brien, No. 506 West 43d street	699 96	Daniel Duggan, No. 242 East 71st street	699 96
Elizabeth A. Boyne, No. 243 Forty-ninth street	700 00	Margaret E. Maguire, No. 1054 Third avenue	50 81	James Flood, 160th street and Amsterdam avenue	699 96	Daniel Bradley, No. 515 East 146th street	1,080 00
Sarah A. Keveney, No. 66 Hayward street	300 00	Laura Livingston, Neptune avenue, Coney Island	44 17	John H. Mertens, No. 1331 Washington avenue	799 92	Patrick Donohue, No. 1094 Franklin avenue	1,080 00
Mary A. Fanning, No. 308 Hicks street	300 00	Ellen Dale, No. 271 Hicks street	33 34	John McParlan, No. 880 East 134th street	699 96	Patrick Trainor, No. 224 Spring street	699 96
Emma M. Doyle, guardian, No. 287 Clermont street	300 00	Total	\$37,596 36	William E. Lawrence, No. 80 1-2 Java street, Brooklyn	699 96	Philip Ramee, New Hamburg, Dutchess County	799 92
PAID RETIRED MEN, BOROUGH OF MANHATTAN AND THE BRONX, DURING YEAR 1902.				Isaac M. Ford, No. 373 Pine street, Brooklyn	799 92	George Shaw, No. 1887 Vyse avenue	799 92
James Commiskey, No. 473 Fifth avenue, Brooklyn	\$433 34	Patrick J. Conwolly, No. 1, No. 1221 Tinton avenue	1,080 00	Thomas B. Green, Box 181, P. O. Saratoga Springs, N. Y.	699 96	Daniel Lyons, No. 1781 Eastern parkway, Brooklyn	699 96
George W. Berrien, No. 105 West Seventeenth street	624 96	James Hackett, No. 62 Manhattan street	600 00	Hugh Bonner, No. 636 West End avenue	3,000 00	Terrence P. Brennan, No. 1442 48th street, Brooklyn	900 00
Thomas Henry, Congers, Rockland County, New York	600 00	James K. Rodman, No. 112 West 124th street	699 96	Luke McSherry, No. 121 Hoe avenue	699 96	Michael A. Reilly, Hempstead, L. I.	1,080 00
John McNamara, No. 103 Madison street	600 00	Ezra N. Lefferts, Pleasantville, N. Y.	699 96	David Connor, No. 1309 Clinton avenue	1,080 00	John McCarrick, No. 537 East 151st street	699 96
Edward McGaffney, No. 502 East Fifteenth street	999 96	Thomas McMurray, No. 341 West 24th street	699 96	Charles McNamee, No. 1733 Amsterdam avenue	1,080 00	William Browning, No. 529 West 145th street	1,080 00
Albert Hallenbeck, Copake, Columbia County, N. Y.	624 96	Charles G. Paul, No. 815 Jackson avenue	699 96	Patrick McCarthy, No. 716 E. 169th street	900 00	John Finn, No. 32 Oliver street	1,080 00
James A. Cullen, Pleasantville, Westchester County, N. Y.	600 00	Owen McMinney, No. 451 W. 35th street	699 96	Michael Conlon, No. 59 Marion street	649 15	Joseph H. Derry, No. 117 Cedar street	799 92
William A. Robinson, No. 1330 Sixty-second street, Brooklyn	600 00	Joseph McVeagh, No. 900 Myrtle avenue, Brooklyn	699 96	John Foley, No. 759 Hart street, Brooklyn	699 96	James Hamilton, No. 2274 Seventh avenue	799 92
Alexander Sharp, Box 54, P. O. West Nyack	600 00	Rossman Huested, No. 350 Warren street, Hudson, N. Y.	600 00	John Jennings, St. Anthony's, Denver, Col.	533 28	John H. Griffin, No. 316 East 122d street	699 96
James Horn, No. 71 Barrow street	650 04	John J. Kane, North Paterson, N. J.	600 00	Coleman J. Burke, No. 1117 Westchester avenue	1,080 00	Peter Mulvehill, No. 551 Fifty-fifth street, Brooklyn	699 96
Albert Cox, P. O. Box 473, P. O. Deep River, Conn.	322 21	Hugh Kittson, No. 671 East 143d street	1,080 00	Edward S. Moore, Highgate, Vt.	900 00	Joseph O'Grady, No. 2335 Seventh avenue	1,080 00
Elisha Van Brunt, No. 737 DeKalb avenue, Brooklyn	508 33	Robert A. Reynolds, No. 205 East 14th street	699 96	Robert Geddis, No. 201 West 88th street	699 96	John H. Kehoe, No. 356 East 57th street	1,650 00
Joseph K. Harway, No. 352 Pulaski street, Brooklyn	600 00	Frederick Neubauer, No. 346 East 50th street	600 00	Luke Welsh, No. 153 West 83d street	699 96	Jacob J. Schaller, No. 2352 Lexington avenue	699 96
James H. Campbell, No. 2651 Eighth avenue	600 00	John Monahan, No. 111 Lewis street, Brooklyn	600 00	Bernard C. Blair, No. 459 East 57th street	699 96	Joseph F. Walsh, Kiamasha, Sullivan County, N. Y.	900 00
Ambrose L. Austin, No. 63 East Twentieth street, Paterson, N. J.	600 00	William J. Noble, No. 174 West 97th street	600 00	Alfred O. Pinson, No. 65 East 130th street	699 96	Herman Busse, No. 489 Amsterdam avenue	799 92
David Closey, No. 251 West Thirty-seventh street	600 00	John A. Cowie, Ossining, N. Y.	1,080 00	William Whitten, Congers Station, N. Y.	699 96	George Moore No. 1, No. 377 College avenue	391 37
Washington Montayne, College Point, L. I.	650 04	Samuel Reed, No. 1382 Gates avenue, Brooklyn	900 00	Charles H. Perley, No. 145 Halsey street, Brooklyn	1,080 00	Thomas C. Carroll, No. 170 Beach avenue	699 96
Daniel Shevlin, Tannersville, Green County, N. Y.	600 00	Bernard J. Reilly, Buchanan place, Fordham Heights, Bronx	900 00	Walter H. Jones, No. 159 E. 123d street	900 00	David Hyde, No. 18 Watts street	1,080 00
Joseph F. Flock, No. 258 West Tenth street	600 00	Theodore Dakin, No. 61 South avenue, Mariners' Harbor, S. I.	600 00	James A. Campbell, No. 404 College avenue	900 00	Timothy J. Coughlan, No. 452 West 48th street	799 92
James Kenney, No. 252 West Thirty-second street	500 04	Benjamin F. Morris, Amityville, L. I.	600 00	Henry Schuck, No. 997 Ogden avenue	900 00	Lawrence McKenna, No. 1766 Amsterdam avenue	699 96
Patrick Foy, No. 787 Crotona avenue	600 00	Joseph F. McGill, No. 126 Waverley place	1,650 00	John Barber, Boston avenue, Kingsbridge	1,080 00	Charles Frost, No. 225 West 14th street	799 92
Robert Beattie, No. 56 West One Hundred and Twenty-eighth street	600 00	Daniel Mannix, No. 443 East 78th street	600 00	Martin Kelly, No. 103 East 113th street	799 92	John Knapp, No. 1, No. 67 Madison street	699 96
Daniel Dempsey, No. 298 Madison street	600 00	George L. Crum, No. 120 Broadway	750 00	John Barrett, No. 208 East 85th street	799 92	Richard J. Norris, Roslyn, N. Y.	1,080 00
John C. Post, Tom's River, N. J.	600 00	William R. Massie, No. 200 West 98th street	799 92	John McNally, No. 412 East 16th street	699 96	Roland H. Lanzer, No. 951 East 133d street	699 96
Alfred Connor, No. 219 Bay Ridge avenue, Brooklyn	600 00	August Levi, No. 56 East 108th street	699 96	John Ripple, No. 157 West 98th street	699 96	Henry P. Reilly, No. 365 West 24th street	1,080 00
William Riker, No. 827 Vineyard place	399 96	Francis Kerrigan, No. 115 West 10th street	900 00	John T. Hanlon, Forest street, Westchester County	699 96	Edward Stack, No. 312 Union street	1,080 00
John W. Miller, No. 776 East One Hundred and Sixty-third street	1,250 04	James Brady, No. 69 East 122d street	699 96	John McCarthy No. 2, No. 187 Monroe street	1,080 00	John Duffy No. 1, No. 568 Amsterdam avenue	699 96
Eli Bates, No. 434 East One Hundred and Sixteenth street	2,349 96	Dennis M. Maguire, No. 23 Terhune street, Jersey City, N. J.	799 92	William J. Colby, No. 100 Fifth street, Williamsbridge	1,080 00	Louis Hellner, White Plains avenue and 3d street, Williamsbridge	1,080 00
William Frost, No. 1079 Washington avenue	750 00	William E. Flock, No. 160 Greenwich street	900 00	Michael Curley, No. 556 West 150th street	699 96	Hayward A. Hibbard, No. 731 Amsterdam avenue	799 92
John McDermott, No. 113 East One Hundred and Sixteenth street	650 04	Thomas Walsh, No. 225 West 36th street	699 96	Patrick O'Brien, No. 1, No. 83 Morton street	1,080 00	William H. Keenan, No. 852 Union avenue	699 96
John W. Van Orden, No. 1867 Park avenue	650 04	James Neely, No. 170 Lenox avenue	799 92	Joseph Poynton, No. 364 Lenox avenue	1,080 00	Clarence E. McNiellie, No. 427 West 48th street	799 92
Morris W. Roberts, No. 726 East One Hundred and Nineteenth street	650 04	John C. Froboese, No. 74 Dupont street	699 96	Charles Margison, Box 23, P. O. Hollis, L. I.	900 00	Peter Smith, Bronxville Manor, N. Y.	699 96
Charles J. Williams, No. 330 West Ninety-sixth street	650 04	Henry Lerch, No. 3007 Third avenue	699 96	Thomas C. Loughery, No. 46 West 60th street, Brooklyn	699 96	George T. Russell, No. 92 Oak street, Yonkers, N. Y.	699 96
Gustav Kosmak, West Arverne	624 96	James Clare, No. 471 Manhattan street	421 27	Andrew Gaffney, No. 514 Tenth street, Brooklyn	1,080 00	William McLaughlin, No. 85 Morton street	1,080 00
Andrew Gilmartin, Third avenue, between Ninety-first and Ninety-second streets, Brooklyn	600 00	John Friedrich, No. 334 East 32d street	234 68	John J. Golden, No. 989 East 170th street	1,080 00	John E. Nickerson, No. 689 East 181st street	683 02
Samuel M. Pattison, No. 2032 Madison avenue	650 04	James Delaney No. 1, No. 149 Beach street, Flushing, L. I.	277 50	Peter Funk, No. 610 Tenth avenue	699 96	Edward F. Slevin, No. 225 East 83d street	733 26
Michael Corcoran, No. 161 West 100th street	600 00	Gustave G. Nagel, No. 430 East 6th street	900 00	Richard Nodine, No. 270 West 141st street	699 96	John Wilson, No. 788 East 142d street	612 46
John McClane, City Island	600 00	James H. Ballentine, No. 867 Gates avenue, Brooklyn	699 96	Albert Nissen, Avenue H and New York avenue, Flatbush, Brooklyn	699 96	John Cassidy, No. 315 East 89th street	612 46
Robert Olmstead, Armonk, Westchester County, N. Y.	650 04	Timothy Regan, No. 105 East 90th street	799 96	Michael P. Crowley, No. 272 West 121st street	900 00	Thomas Harrison, No. 225 East 126th street	606 21
John A. Munger, No. 67 West 127th street	650 04	Charles L. Morris, No. 163 Broad street, Stapleton, S. I.	699 96	William J. Cook, No. 565 West 187th street	1,650 00	Thomas O. Halloran, No. 80 Morton street	227 49
Gilbert R. Merritt, No. 1405 Broadway, Brooklyn	600 00	William D. Fraser, Monsey, Rockland County, N. Y.	1,080 00	Thomas J. Burke, No. 147 Brooke avenue	699 96	Charles H. Farrell, No. 773 Melrose avenue	478 28
Charles O. Shay, No. 79 Sixth avenue	2,499 96	Walter Home, No. 203 Washington street, Hoboken, N. J.	799 92	William F. Hayes, No. 355 East 116th street	1,650 00	Joseph Moss, No. 1114 Ogden avenue	720 00
William Pfadenauer (Caroline Morgan, Com.), No. 84 West 54th street, Bayonne, N. J.	699 96	William Rowe, No. 292 Alexander avenue	799 92	John Castles, No. 569 West 183d street	1,650 00	Michael Hollacher, No. 690 East 186th street	333 30
Michael Brady, No. 328 West 47th street	600 00	Thomas B. Shea, Poplar street, near Forest street	799 92	Samuel Banta, No. 162 Academy street, Jersey City, N. J.	900 00	John F. Fitzgerald, No. 67 West 90th street	495 80
John Fulton, No. 558 West 170th street	600 00	Richard P. Moore, Lind avenue and Union street	999 96	James McCutcheon, No. 134 West 103d street	1,080 00	John J. Naughton, No. 150 Lenox avenue	549 20
Henry R. Burger, No. 25 Sharp avenue, Tower Hill, S. I.	600 00	Christopher C. Flick, No. 1962 Seventh avenue	799 92	Thomas Coyle, No. 326 West 34th street	900 00	Thomas Head, No. 214 East 83d street	525 00
Charles W. Smith, No. 218 Willis avenue	600 00	John Falvey, No. 2971 Decatur avenue	1,080 00	George T. F. Harris, No. 250 East 50th street	699 96	John Duane, No. 1258 Lexington avenue	408 31
Thomas Corson, Box 41, P. O. East River, Conn.	600 00	Henry M. Ahrens, Audubon avenue and 170th street	799 92	Adolph J. Peterson, No. 2496 Eighth avenue	900 00	Richard A. Kenehan, No. 106 Christopher street	252 72
William West, Rapoley and est avenue, Corona, L. I.	600 00	James E. Nolan, No. 461 Noe avenue	699 96	Michael J. Dowling, No. 565 East 155th street	699 96	George H. Grabe, No. 231 East 70th street	361 64
George K. Whitehart, No. 957 Orchard street, Peekskill, N. Y.	600 00	William Grace, Cold Spring, Putnam County, N. Y.	799 92	Samuel T. Warren, No. 85 Nedford street	699 96	Patrick J. Donovan, No. 272 Eleventh street, Brooklyn	97 84
John Howe, Box 39, P. O. White-stone, L. I.	699 96	Martin Cook, No. 194 57th street, Brooklyn	1,080 00	William McNulty, No. 178 Eighteenth street, Jersey City, N. J.	466 56	Charles T. Budd, Middletown, N. Y.	216 64
Robert Mullen, No. 166 East 119th street	699 96	John Murphy, No. 699 East 145th street	900 00	Dennis Meehan, No. 69 Vanderbilt avenue, Brooklyn	799 92	William H. Lorenze, No. 544 East 142d street	379 14
Charles Shordon, No. 339 Church street, Bethlehem, Pa.	600 00	Francis Carey, No. 257 West 69th street	900 00	Charles L. Kelley, Box 384, P. O. Babylon, L. I.	1,080 00	John T. Needham, No. 846 Tinton avenue	450 00
Timothy McAuliffe, No. 29 Henderson avenue, West Brighton, S. I.	600 00	Samuel Wood, No. 143 Powell street	699 96	Peter Barrett, No. 499 East 140th street	699 96	William Hennessy, No. 689 East 148th street	375 00
James Roach, No. 71 East 106th street	600 00	William J. Renshaw, No. 8 Beach terrace	600 00	Samuel B. Ryer, No. 11 North 9th street, Mt. Vernon	699 96	James P. Reilly, No. 203 Columbus avenue	291 65
Marks Arkison, No. 5 North 3d street, Hudson, N. Y.	699 96	John P. Walsh, No. 1 Catherine street	699 96	Charles W. Lamoreaux, No. 1059 Jackson avenue	799 92	William Quigg, No. 740 East 143d street	291 65
Owen Hart, No. 273 West 127th street	600 00	James H. Frederick, No. 941 Dawson street	799 92	Christopher M. Garland, No. 44 Horatio street	799 92	Patrick McGrade, No. 213 Elizabeth street	225 02
Lawrence Reynolds, No. 160 West 127th street	600 00	Michael Commerford, No. 341 East 77th street	1,080 00	Albert F. Louis, Box 486, P. O. Stratford, Conn.	900 00	Jacob Beekler, No. 117 West 101st street	360 00
John O'Connell, No. 418 West 18th street	600 00	Lawrence Ryan, No. 893 Morris avenue	799 92	Edward S. Smith, No. 146 East 52d street	900 00	John J. McCue, No. 414 West 57th street	233 32
		James Kelly No. 2, No. 409 E. 19th street	699 96	Thomas Kelly No. 1, No. 27 Barrow street	900 00	John P. Banett, Corona, N. Y.	206 10
						Patrick J. Flaherty, No. 315 East 46th street	83 31
						Thomas J. Van Horn, Pearl River, N. Y.	270 00
						John Thompson, No. 672 Ninth avenue	116 66

Jacob Becker, No. 278 West 19th street 116 66
John Crowley, Cebrie Park, N. Y. 112 77
Michael H. Dynan, No. 120 West 83d street 97 21
John Mullon, 12th street, Unionport. 58 33

James J. Campbell, No. 275 First avenue 45 14
Michael T. Banon, No. 17 Tompkins street 18 82
Total \$221,618 20

Isaac B. Guischard, No. 261 Manhattan avenue 466 62
William Harris, No. 840 Halsey street 582 00
Thomas F. Gray, No. 65 Grant avenue 431 06
John Dowd, No. 561 Knickerbocker avenue 375 25
John J. Hughes, No. 787 Nostrand avenue 450 00
John R. Hanson, No. 304 6th street 349 25
Daniel J. Garrity, No. 286 President street 450 00
John S. Carney, No. 148 North 7th street 450 00
George W. Keighler, Freeport, N. Y. 300 00

James Lahey, No. 133 South 9th street 199 98
Robert Wallace, No. 298 New Jersey avenue 116 66
Patrick Hanigan, No. 742 Henry street 116 66
Total..... \$74,986 37
Costs of judgment in case of John Cantwell, increase of pension.... \$17 00
Costs of judgment in case of Peter Hecker, increase of pension..... 17 00
Aggregate..... \$75,020 37

PAID RELIEVED MEN, BOROUGH OF MANHATTAN AND THE BRONX, DURING YEAR 1902.

James H. Conklin, Southold, L. I. \$650 04
Bernard Conway, No. 321 Lafayette avenue, Brooklyn 600 00
Wm. Fogarty, No. 12 Stone street 600 00
Wm. H. Renoud, Westchester avenue 399 96
Joseph D. White, No. 233 Tenth avenue 600 00
Jeremiah Calnan, No. 74 Palmette street 600 00
James K. Giles, Intervale avenue and 155th street 650 04
James Hunter, Tompkinsville, S. I. 750 00
Minthorn D. Tompkins, Mystic, Conn. 750 00
James Roland, No. 327 West 4th street 600 00
William Murrill, No. 132 West 116th street 600 00
George Jarvis, No. 1015 Washington avenue 650 04
Wm. Jackson, No. 454 West 49th street 600 00
George H. Sharp, No. 10 East 112th street 600 00
James Walton, No. 447 Lenox avenue 900 00
Thomas Conlon, No. 307 East 37th street 900 00
Frederick Coppers, No. 5 St. Luke's place 600 00
Wm. Kline, No. 94 East 3d street 600 00
Henry Brengal, No. 1580 Third avenue 600 00
John Schwab, No. 1205 Lexington avenue 600 00
James Heaney, No. 177 East 111th street 750 00
Thomas J. Cortissos, No. 351 West 48th street 600 00
Oliver Hawkins, No. 130 16th street, Brooklyn 699 96
Peter Gallagher, No. 1229 Simpson street 600 00
Simon Hexter, No. 213 East 14th street 600 00
Joseph Creagle, No. 1678 Bathgate avenue 699 96
Edward Hogen, No. 2, No. 108 East 80th street 600 00
Charles Forbach, No. 1919 Prospect avenue 600 00
Jacob Mang, No. 993 Second avenue 600 00
Thomas Gooderson, 170th street and 10th avenue 1,374 96
Joseph Brandon, No. 232 West 114th street 600 00
John Hart, Wingate, L. I. 600 00
Michael Newbauer, No. 1388 Bristow street 750 00
Patrick J. Byrnes, Winfield, L. I. 699 96
Wm. S. Hughes, No. 1366 Franklin avenue 600 00
Rodger B. Hamblet, No. 753 Summit street 900 00
Wright Case, No. 42 West 128th street 750 00
Total..... \$48,724 21

PAID RETIRED MEN—BOROUGH OF BROOKLYN AND QUEENS DURING YEAR 1902.

Patrick Murray, No. 138 Wyckoff avenue \$499 92
George F. Stewart, No. 809 Livingston avenue, Albany, N. Y. 499 92
Adam Mark, No. 57 St. Nicholas avenue 499 92
Michael Start, No. 221 Sandford street 499 92
Thomas C. Oram, No. 135 Manhattan avenue 499 92
John Kreuscher, Rockaway Beach 474 96
Charles McDonough, Box 105, P. O. Shokan, N. Y. 750 00
William A. Minard, No. 21 Madison avenue, Mt. Vernon, N. Y. 999 96
William E. Broadhurst, Kent, O. 399 96
Henry C. Cheshire, Jefferson avenue, South Orange, N. J. 300 00
William J. Crawford, No. 59 Bloomfield street, Hoboken, N. J. 525 00
Thomas Lee, No. 1102 Fulton street 549 96
John W. Smith, No. 493 Willoughby avenue 1,999 92
William H. Sherry, No. 998 Putnam avenue 649 92
Thomas J. Ferry, No. 449 Court street 300 00
William Gilroy, No. 342 Tompkins avenue 549 96
James V. Rhodes, No. 59 Lee avenue 549 96
Patrick Minton, No. 25 20th street 549 96
William C. Bonner, No. 223 Bleeker street 549 96
Michael Quinn, No. 501 Graham avenue 549 96
John W. Dunn, No. 271 8th street 549 96
Thomas F. Nevins, No. 350 Clinton street 2,499 96
Edward Fitzsimmons, No. 337 Pearl street 849 96
Eben H. Shute, No. 126 Chestnut street 849 96
Charles Ferris, No. 257 16th street 549 96
William O'Brien, No. 350 South 1st street 549 96
Miles Campbell, No. 280 Warren street 900 00
William J. Curran, No. 589 Lafayette avenue 399 96
Peter Farrell, No. 248 Sackett street 900 00
Bartley Gunning, No. 267 Berkeley place 168 04
Thomas Culklin, No. 1069 Halsey street 549 96
Thomas Malone, No. 477 Sackett street 549 96
James Fitzpatrick, No. 417 12th street 549 96
James Cullon, No. 24 Fourth place 750 00
William Cunningham, No. 132 1/2 Suydam street 649 92
William F. Kingsland, No. 186 Java street 649 92
John Mahoney, No. 16 Third place 549 96
Edward Shaughnessy, No. 385 Myrtle avenue 549 96
Bernard Gray, No. 260 Wyckoff street 215 84
James Walsh, No. 428 8th street 1,374 96
Prescott L. Watson, Wurtzboro, Sullivan Co., N. Y. 499 92
Hyram A. Brinkman, No. 335 Warren street 750 00
John Hinton, No. 27 1st street 549 96
Charles Schulz, No. 953 De Kalb avenue 549 96
John Porter, No. 703 Fulton avenue 450 00
Norman Hughes, 27th street, between Avenue D and E 549 96
James J. Miller, No. 806 Bergen street 549 96
James Smith, No. 15 Second place 900 04

James Burns, No. 191 Luqueer street 949 92
James T. Shannon, No. 322 12th street 949 92
Platt Van Cott, No. 391 Ocean avenue 1,999 92
James Gannon, No. 573 Lexington avenue 993 36
James W. Connell, No. 172 Skillman street 1,425 00
Edward Boerum, Babylon, L. I. 766 56
John Tierney, No. 208 19th street 699 96
John McCole, No. 113 Jay street 1,036 56
William Donohue, No. 192 South 2d street 1,036 56
John F. Welton, Greenwood avenue, Richmond Hill 1,036 56
John Cantwell, No. 1157 Putnam avenue 779 19
Peter Hecker, No. 652 Dean street 777 80
Lawrence Fagan, No. 10 veranda place 699 96
Edward Finn, No. 228 7th avenue 699 96
George W. Van Cott, Amityville, L. I. 1,080 00
Michael J. Delaney, No. 1169 Putnam avenue 799 92
Samuel T. Irwin, No. 199 51st street 699 96
Stephen F. Gill, No. 218 Duffield street 900 00
John Gillen, No. 234 Sackett street 699 96
Jeremiah J. Delaney, No. 544 17th street 699 96
Henry M. Keighler, Riverhead, L. I. 1,080 00
Stephen Allen, No. 618 Leonard street 1,080 00
Michael Cunningham, No. 429 Fifth avenue 699 96
John Morrissey, No. 184 Huron street 699 96
Hugh Reynolds, No. 206 Skillman street 699 96
Joseph H. Briscoe, Avenue K, between 30th and 40th streets, Vanderbilt Park 799 92
Thomas F. McNamara, No. 46 4th street 406 56
John Pohlman, No. 650 Central avenue 799 92
Joseph A. Caragher, No. 54 West 10th street, Manhattan 600 00
George Matthews, No. 111 Adams street 699 96
John Meddis, No. 315 15th street 699 96
Valentine Hendrickson, No. 97 Carlton avenue 699 96
George C. Hennessy, No. 226 Covert street 699 96
William J. Higgins, No. 954 Kent avenue 799 92
Hugh Riley, No. 750 Monroe street 641 63
John H. Perry, Glenwood, N. J. 1,575 00
Joseph H. Bennett, 94th street and Avenue G 675 00
Charles Shay, No. 158 Nassau street 600 00
Charles H. Bixby, Amityville, N. Y. 720 00
James Lawlor, No. 128 President street 466 64
James Doyle, No. 296 Carroll street 962 50
John Mallady, No. 1269 Prospect place 408 31
James Dale, No. 271 Hicks street 972 20
James Flannely, No. 67 Cole street 600 00
Owen S. Campbell, No. 214 Frost street 630 00
Samuel G. Huestis, No. 442 State street 962 50
James S. Smith, No. 480 Henry street 630 00

RECEIPTS AND DISBURSEMENTS OF THE RELIEF FUND, 1871-1902 (INCLUSIVE).

Receipts.			
	1871 to 1901.	1902.	Total.
Metropolitan Fire Department Relief Fund	\$7,340 07	.....	\$7,340 07
Brooklyn Fire Department Relief Fund....	213,837 06	.....	213,837 06
Fines	65,982 32	\$3,481 41	69,463 06
Donations	22,100 75	1,900 50	24,001 25
Penalties	17,513 80	1,865 19	19,378 99
Oil licenses	1,258,478 00	71,056 00	1,329,534 00
Fireworks permits	45,265 25	3,675 25	48,940 50
Interest	694,714 70	41,775 48	736,490 27
Foreign fire insurance tax.....	435,250 81	90,778 97	526,029 78
Powder licenses	7,920 50	447 50	8,368 00
Special permits	53,200 00	10,327 55	63,527 55
Chimney fires	17,276 50	1,469 50	18,746 00
Fire in street permits.....	1,041 25	38 00	1,079 25
Sales of condemned property.....	54,991 80	5,869 37	60,861 23
Excise licenses	1,993,469 32	150,000 00	2,143,469 32
Special leaves	59,114 63	2,677 55	61,792 18
Violation of agricultural laws.....	13,820 05	337 50	14,157 55
Explosives permits.....	22,028 00	1,813 00	23,841 00
Premium on bonds.....	8,277 50	.....	8,277 50
Total	\$4,991,622 46	\$387,512 77	\$5,379,135 23

Disbursements.			
	1871 to 1901.	1902.	Total.
Premium on bonds.....	\$37,417 86	.....	\$37,417 86
Interest	498 63	.....	498 63
Salaries	18,227 31	.....	18,227 31
Penalties	24,903 79	\$906 13	25,809 92
Pensions—			
Widows and orphans, boroughs of Manhattan and The Bronx.....	952,501 57	86,268 04	1,038,769 61
Widows and orphans, boroughs of Brooklyn and Queens	104,638 03	37,596 36	142,234 39
Retired men, boroughs of Manhattan and The Bronx	1,494,410 73	221,618 25	1,716,028 93
Retired men, boroughs of Brooklyn and Queens	200,419 38	75,020 37	275,439 75
Pay of relieved men, boroughs of Manhattan and The Bronx.....	897,872 16	48,724 21	946,596 37
Total	\$3,730,949 46	\$470,133 31	\$4,201,082 77

RECAPITULATION.

Receipts, January 1, 1871, to December 31, 1902..... \$5,379,135 23
Disbursements, January 1, 1871, to December 31, 1902..... 4,201,082 77

Balance

NEW YORK FIRE DEPARTMENT LIFE INSURANCE FUND.

Amount of fund December 31, 1901..... \$22,475 39

Receipts During 1902.

Assessments received from members of the uniformed force, retired and relieved men and employees of the Department

Interest

Total

Disbursements During 1902.

January—Administratrix of Patrick Kennedy..... \$1,000 00

February—Widow of William F. Dowd..... 1,000 00

March—Widow of Joseph Schmitt..... 1,000 00

April—Widow of Thomas H. Murray..... 1,000 00

May—

Widow of Bartley Gunning..... 1,000 00

Administratrix of John H. Spannhake..... 1,000 00

Widow of James Delaney No. 1..... 1,000 00

Administratrix of Thomas J. Cooney..... 1,000 00

June—

Widow of Thomas F. Gorman..... 1,000 00

Widow of Manuel J. Garcia..... 1,000 00

Administratrix of Bernard Gray..... 1,000 00

Widow of Alonzo Brymer..... 1,000 00

Widow of Henry F. Meyer..... 1,000 00

July—Widow of William F. Davis..... 1,000 00

August—

Widow of John Hern..... 1,000 00

Widow of Thomas O'Halloran..... 1,000 00

Widow of Michael J. Irwin..... 1,000 00

Widow of Albert Cox..... 1,000 00

September—

Widow of George Moore No. 1..... 1,000 00

Widow of Frank J. Maguire..... 1,000 00

Widow of John F. Livingston..... 1,000 00

October—

Widow of James Dale..... 1,000 00

Widow of James Clare..... 1,000 00

Administratrix of John F. Mahon..... 1,000 00

Costs allowed by the Court in the action brought by the administratrix of John F. Mahon to enforce payment of the sum of \$1,000 from the Life Insurance Fund

November—

Widow of James H. McGowen..... 1,000 00

Administratrix of Patrick J. Quail..... 1,000 00

December—

Widow of Charles H. Farrell..... 1,000 00

Widow of James Finn..... 1,000 00

Widow of William D. Moore..... 1,000 00

Administratrix of Edward Dillon..... 1,000 00

Widow of James Dawe..... 1,000 00

Widow of John Mullady..... 1,000 00

Widow of William H. Shaw..... 1,000 00

Widow of John J. Fee..... 1,000 00

Widow of Michael Conlon.....	1,000 00
Widow of William J. Stumpf.....	1,000 00
	\$36,143 87
Balance on hand December 31, 1902.....	\$3,216 54
RECAPITULATION.	
Balance on hand December 31, 1901.....	\$22,475 39
Receipts during 1902.....	16,885 02
	\$39,360 41
Disbursements during 1902.....	36,143 87

Balance on hand December 31, 1902.....	\$3,216 54
Buildings and Sites Occupied or Under Control of the Fire Department, Boroughs of Manhattan and The Bronx.	

Headquarters—Office of Commissioner, Chief of Department, Inspector of Combustibles, Fire Marshal, Superintendent of Buildings, Fire Alarm Telegraph Branch, Medical Officers and School of Instruction, Nos. 157 and 159 East Sixty-seventh street.

Repair Shops—Nos. 130 and 132 West Third street.

Hospital and Tramping Stables—Nos. 133 and 135 West Ninety-ninth street.

Bell-Tower and Lookout—Mount Morris Square.

Bell-Tower and Lookout—Fulton avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth streets, rear of quarters of Engine 42.

Lookout—Southwest corner of Tenth street and Sixth avenue, Jefferson Market Courthouse.

Engine 1—No. 165 West Twenty-ninth street.
Engine 2—No. 530 West Forty-third street (Fuel Depot No. 13).
Engine 3—No. 417 West Seventeenth street (Fuel Depot No. 10).
Engine 4—No. 119 Maiden lane.
Engine 5—No. 340 East Fourteenth street.
Engine 6—No. 100 Cedar street.
Engine 7—No. 22 Chambers street.
Engine 8—No. 105 East Fifty-first street.
Engine 9—No. 55 East Broadway.
Engine 10—No. 8 Stone street.
Engine 11—No. 437 East Houston street.
Engine 12—No. 201 William street.
Engine 13—No. 99 Wooster street.
Engine 14—No. 14 East Eighteenth street.
Engine 15—No. 209 Henry street.
Engine 16—No. 223 East Twenty-fifth street.
Engine 17—No. 91 Ludlow street.
Engine 18—No. 132 West Tenth street (Fuel Depot No. 8).
Engine 19—No. 355 West Twenty-fifth street (Fuel Depot No. 11).
Engine 20—No. 47 Marion street.
Engine 21—No. 216 East Fortieth street.
Engine 22—No. 159 East Eighty-fifth street (Fuel Depot No. 16).
Engine 23—No. 235 West Fifty-eighth street (Fuel Depot No. 15).
Engine 24—No. 78 Morton street (Fuel Depot No. 7).
Engine 25—No. 342 Fifth street.
Engine 26—No. 220 West Thirty-seventh street.
Engine 27—No. 173 Franklin street.
Engine 28—No. 604 East Eleventh street.
Engine 29—No. 160 Chambers street.
Engine 30—No. 253 Spring street (Fuel Depot No. 6).*
Engine 31—White and Elm streets.
Engine 32—No. 108 John street.*
Engine 33—Nos. 42 and 44 Great Jones street.
Engine 34—No. 440 West Thirty-third street.
Engine 35—No. 223 East One Hundred and Nineteenth street.
Engine 36—No. 1849 Park avenue.
Engine 37—No. 83 Lawrence street.
Engine 38—No. 1907 Amsterdam avenue.
Engine 39—No. 157 East Sixty-seventh street.
Engine 40—No. 153 West Sixty-eighth street.
Engine 41—No. 2801 North Third avenue.†
Engine 42—No. 1192 Fulton avenue.
Engine 43—(New fireboat in process of construction.)
Engine 44—No. 221 East Seventy-fifth street.
Engine 45—No. 1187 Tremont avenue.
Engine 46—Nos. 715-717 East One Hundred and Seventy-sixth street.
Engine 47—One Hundred and Thirtieth street, near Amsterdam avenue.
Engine 48—No. 2504 Webster avenue.
Engine 49—Blackwell's Island.
Engine 50—No. 749 East One Hundred and Sixty-sixth street (Fuel Depot No. 22).
Engine 51 (floating engine, fireboat "Zophar Mills")—Foot of West Thirtieth street.
Engine 52—Riverdale avenue, near Spuyten Duyvil Parkway.
Engine 53—No. 175 East One Hundred and Fourth street (Fuel Depot No. 18).
Engine 54—No. 304 West Forty-seventh street.
Engine 55—No. 363 Broome street.
Engine 56—No. 120 West Eighty-third street.
Engine 57 (floating engine, fireboat "The New Yorker")—Battery Park, North river.
Engine 58—No. 81 West One Hundred and Fifteenth street.
Engine 59—No. 180 West One Hundred and Thirty-seventh street.
Engine 60—No. 606 East One Hundred and Thirty-seventh street.
Engine 61—North side Main street, east of Arnow place, Westchester Village.
Engine 62—No. 61 White Plains avenue.*
Engine 63—Wakefield.*
Engine 64—Unionport.
Engine 65—No. 33 West Forty-third street.
Engine 66 (floating engine, fireboat "William L. Strong")—Foot of Grand street, East river.
Engine 67—No. 518 West One Hundred and Seventieth street.
Engine 68—No. 1116 Ogden avenue.
Engine 69—Two Hundred and Thirty-third street, between Katonah and Keppeler avenues.
Engine 70—Schofield avenue, City Island.
Engine 71—Park avenue and One Hundred and Fifty-ninth street.
Engine 72—No. 22 East Twelfth street.
Engine 73—One Hundred and Fifty-second street and Prospect avenue.
Engine 74—No. 207 West Seventy-seventh street.
Engine 75—Jerome avenue and One Hundred and Eighty-third street.
Hook and Ladder 1—No. 26 Chambers street.
Hook and Ladder 2—No. 126 East Fiftieth street (Fuel Depot No. 14).
Hook and Ladder 3—No. 108 East Thirteenth street.
Hook and Ladder 4—No. 788 Eighth avenue.
Hook and Ladder 5—No. 96 Charles street.
Hook and Ladder 6—No. 77 Canal street.
Hook and Ladder 7—No. 217 East Twenty-eighth street.
Hook and Ladder 8—No. 7 North Moore street.
Hook and Ladder 9—No. 209 Elizabeth street.
Hook and Ladder 10—No. 191 Fulton street.
Hook and Ladder 11—No. 742 Fifth street.
Hook and Ladder 12—No. 243 West Twentieth street.
Hook and Ladder 13—No. 159 East Eighty-seventh street.
Hook and Ladder 14—No. 120 East One Hundred and Twenty-fifth street.
Hook and Ladder 15—Old slip, between Water and Front streets.
Hook and Ladder 16—No. 159 East Sixty-seventh street.
Hook and Ladder 17—No. 589 East One Hundred and Forty-third street (Fuel Depot No. 21).

Hook and Ladder 18—No. 84 Attorney street.
Hook and Ladder 19—No. 866 Forest avenue.
Hook and Ladder Company 20—No. 157 Mercer street (Fuel Depot No. 23).
Hook and Ladder 21—No. 432 West Thirty-sixth street.
Hook and Ladder 22—No. 766 Amsterdam avenue (Fuel Depot No. 17).
Hook and Ladder 23—No. 504 West One Hundred and Fortieth street.
Hook and Ladder 24—Nos. 113-115 West Thirty-third street.
Hook and Ladder 25—No. 205 West Seventy-seventh street.
Headquarters Deputy Chief of Department, First Division—No. 173 Elm street.
Fuel Depot No. 1—No. 28 Beaver street.
Fuel Depot No. 2—Elm and White streets.
Fuel Depot No. 3—(Temporarily out of use.)
Fuel Depot No. 4—No. 180 Clinton street.
Fuel Depot No. 5—No. 199 Chrystie street.
Fuel Depot No. 6—No. 253 Spring street.
Fuel Depot No. 7—No. 78 Morton street.
Fuel Depot No. 8—No. 132 West Tenth street.
Fuel Depot No. 9—No. 106 East Thirteenth street.
Fuel Depot No. 10—No. 417 West Seventeenth street.
Fuel Depot No. 11—No. 355 West Twenty-fifth street.
Fuel Depot No. 12—No. 160 East Thirty-third street (also headquarters Chief of Eighth Battalion).
Fuel Depot No. 13—No. 530 West Forty-third street.
Fuel Depot No. 14—No. 126 East Fiftieth street.
Fuel Depot No. 15—No. 235 West Fifty-eighth street.
Fuel Depot No. 16—No. 159 East Eighty-fifth street.
Fuel Depot No. 17—No. 766 Amsterdam avenue.
Fuel Depot No. 18—No. 175 East One Hundred and Fourth street.
Fuel Depot No. 19—No. 209 East One Hundred and Twenty-second street.
Fuel Depot No. 20—No. 58 Lawrence street.
Fuel Depot No. 21—No. 589 East One Hundred and Forty-third street.
Fuel Depot No. 22—No. 749 East One Hundred and Sixty-sixth street.
Fuel Depot No. 23—No. 155 Mercer street.
Fuel Depot No. 24—Riverdale avenue, near Spuyten Duyvil parkway.
Storehouse—No. 20 Eldridge street.
Storehouse—No. 180 Clinton street (Fuel Depot No. 4).
Storehouse—No. 199 Chrystie street (Fuel Depot No. 5).
Storehouse—No. 1922 Lillian street.
Storehouse—No. 160 East Thirty-third street (Fuel Depot No. 12).
Storehouse—North side of Third street, Williamsbridge.
Storehouse—No. 909 East One Hundred and Forty-ninth street.
Storehouse—Main street and Westchester Turnpike.
Storerooms—No. 439 East Sixty-eighth street (Fire Alarm Telegraph Branch).
Unoccupied—No. 49 Beekman street.
Unoccupied—Southerly side of Chambers street, between Centre street and Park Row.
Unoccupied—Northeast corner Fifty-sixth street and Twelfth avenue.
Unoccupied—Nos. 105 and 107 West One Hundred and Second street.‡
Unoccupied—Northwest corner Convent avenue and One Hundred and Thirty-fourth street.
Unoccupied—South side of One Hundred and Thirty-eighth street, 300 feet 2½ inches west of Cypress avenue.
Unoccupied—South side of One Hundred and Fiftieth street, 200 feet west of Cortlandt avenue.‡
Unoccupied—West side of Intervale avenue, 42 feet north of One Hundred and Sixty-ninth street.
Unoccupied—Northwest corner One Hundred and Seventy-eighth street and Sedgwick avenue.‡
Unoccupied—West side White Plains road, 300 feet north from the northerly side of Julianna street.‡

The locations marked thus (*) are leased by the Department; all others are City property. At the location marked (†), lot in rear of quarters is leased. On unoccupied sites, marked thus (‡), apparatus houses are now in process of construction.

BOROUGH OF BROOKLYN AND QUEENS.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1902.

Personnel, Etc.

On December 31, 1902, the active personnel of the Department in these boroughs numbered 1,251; the fire extinguishing force comprising 1,137 members, assigned, with the exception of twenty-three chief officers, to the eighty-one companies of the sixteen battalions. The companies are classified as follows:

Engine companies.....	60
Hook and ladder companies.....	19
Fireboats	2
Aggregate	81

Of the above engine companies twelve have additional equipment of hook and ladder truck; three have additional equipment of chemical engine, and one a water tower. Of the hook and ladder companies one has additional equipment of search-light engine.

HEADQUARTERS:

Deputy Fire Commissioner, Boroughs of Brooklyn and Queens	1
Secretary to Deputy Fire Commissioner, Boroughs of Brooklyn and Queens.....	1
Chief Clerk.....	1
Examiner of Accounts.....	1
Assistant Superintendent of Buildings	1
Stenographer	1
Medical Officers.....	3
Messengers	2
Laborers	2
Elevator Attendant.....	1
Cleaners	6

BUREAU CHIEF OF DEPARTMENT:

Uniformed Force.	
Deputy Chief of Department in charge	1
Deputy Chiefs of Department	2
Chiefs of Battalion.....	20
Foremen (Captains).....	96
Assistant Foremen (Lieutenants)	98
Engineers of Steamers.....	128
Firemen, first grade.....	574
Firemen, second grade.....	64
Firemen, third grade.....	64
Firemen, fourth grade.....	80

BUREAU CHIEF OF DEPARTMENT:

Un-uniformed Force.	
Captains of Fireboats.....	2
Pilot	1
Acting Marine Engineer.....	1
Coal Passers	3
Stokers	2
Boiler Fireman	1

BUREAU OF COMBUSTIBLES.

Assistant Inspector of Combustibles	1
Cashier	1
Clerk	1
Oil Surveyors	10

BUREAU OF FIRE MARSHAL.

Assistant Fire Marshal in charge	1
Inspector	1
Assistant Inspector	1
Clerk	1
Stenographer	1

FIRE ALARM TELEGRAPH.

Chief Operator	1
Fire Alarm Box Inspector.....	1
Inspector of Fire Alarm Boxes	1
Linemen	18
Batterymen	7
Groundmen	5
Laborers	3

REPAIR SHOPS.

Blacksmiths	3
Machinists	2
Wheelwrights	2
Sail Maker	1
Carpenters	6
Painters	5
Plumber	1
Tinsmith	1
Roofer	1
Mason	1
Toolmen	5
Laborers	6
Helpers	2

10 36

HOSPITAL AND TRAINING STABLES.

Stablemen 4

RECAPITULATION.

Headquarters 20

Bureau Chief of Department (un-

iformed force) 1,127

Bureau Chief of Department (un-
uniformed force) 10
Bureau of Combustibles 13
Bureau of Fire Marshal 5
Fire Alarm Telegraph 36
Repair Shops 36
Hospital and Training Stables.... 4

Total 1,251

Appointments.

1 Deputy Fire Commissioner, bor-
oughs of Brooklyn and Queens.
1 Private Secretary.
2 Honorary Chaplains.
1 Cashier.
2 Inspectors of Fire Alarm Boxes.
1 Stenographer and Typewriter.

1 Batteryman.
3 Climbers (temporary).
1 Electrical Engineer (temporary).
84 Fourth grade Firemen, after serving
probationary period by law required.
11 Linemen.

Promotions.

1 Foreman to Chief of Battalion.
5 Assistant Foremen to Foremen.
4 Engineers of Steamers to Assistant
Foremen.

2 First grade Firemen to Assistant
Foremen.
13 First grade Firemen to Engineers of
Steamers.

Reinstatements.

1 First grade Fireman.
1 Oil Surveyor.
1 Laborer.

1 Toolman.
1 Carpenter.

Change in Titles. (Under Rules and Regulations of Municipal Civil Service Commission.)

1 Private Secretary to Secretary to the
Deputy Fire Commissioner, boroughs of
Brooklyn and Queens.
1 Inspector of Telegraph to Chief
Operator.
7 Oil Inspectors to Oil Surveyors.

1 Batteryman in charge to Battery-
man.
1 Assistant Batteryman to Battery-
man.
2 Laborers to Stablemen.
1 Toolman to Batteryman.

Resignations.

1 Electrical Engineer (temporary ap-
pointment).
1 Machinist.

1 Third grade Fireman.
2 Fourth grade Firemen.
2 Probationary Firemen.

Transfers from Other Departments, Etc.

1 Chief Clerk from Finance Depart-
ment, Bureau Collection of Taxes.
1 Inspector Fire Alarm Boxes to Fire
Department, borough of Richmond.

1 Assistant Superintendent of Build-
ings from Fire Department, borough of
Manhattan.

Dismissals.

1 Secretary, boroughs of Brooklyn and
Queens.
1 Private Secretary.
1 Cashier.
1 Foreman.
1 Assistant Foreman.
1 Engineer of Steamer.
10 First grade Firemen.
1 Probationary Fireman.

3 Climbers (temporary appointment).
2 Oil Collectors.
1 Coal Passer.
1 Carpenter.
1 Batteryman.
2 Toolmen.
2 Laborers.
1 Hostler.

Deceased.

1 Fire Marshal.
2 Chiefs of Battalion.
2 Assistant Foremen.
2 Engineers of Steamer.

9 First grade Firemen.
2 Fourth grade Firemen.
1 Lineman.
1 Batteryman.

Recommendations of the Deputy Chief of Department in Charge of the Boroughs of Brooklyn and Queens.

There is immediate need for additional companies to be organized in the bor-
ough of Brooklyn and in Long Island City in the borough of Queens, comprising
101 square miles and covered by 81 companies. The greater portion of this territory
is built up and thickly populated, and the outlying sections are building up rapidly,
and this Department is not increasing accordingly. There should be double com-
panies located in the important districts and more companies in the outlying sections,
as the districts at present are too large to give proper protection to the buildings
therein. An additional fireboat is also needed in the vicinity of Erie Basin to protect
the large interests along the lower water front.

The present water supply is inadequate for fire purposes, particularly in the busi-
ness and manufacturing districts, where the mains are mostly of the six-inch type
and considerably corroded, having been laid about forty-five years ago, and do not
furnish sufficient quantity of water for the proper protection of the large buildings
that have been erected since said mains were laid. Recently an investigation has
been made by the chief officers of this Department regarding this matter, and re-
ports submitted with recommendations for enlarged water mains and additional fire
hydrants placed thereon in their respective districts, and the same have been referred
to the Department of Water Supply, Gas and Electricity.

The fire alarm branch of the service should be improved by the installation of the
underground wiring instead of the overhead system now in use in these boroughs.
During the winter the storms do considerable damage to the poles and wires, in some
instances placing many of the circuits out of working order, thereby cutting off com-
munication between Central Office and the fire alarm boxes on those circuits, and
necessitating considerable time and expense to make the necessary repairs. There

is also need for additional fire alarm boxes, as in the suburban districts they are quite
a distance apart and cause delay in receipt of alarms.

Respectfully,

JAMES F. MURRAY.

Deputy Chief of Department in Charge, boroughs of Brooklyn and Queens.

Company, Organization, Kind and Number of Apparatus and Number of Alarms Re-
sponded to, Number of Fires at Which Duty was Performed, and Number of Of-
ficers and Men.

Company Number.	Engines.	Number of Hose Wagons (4-Wheel, 2-Horse).	Number of Hose Wagons (2-Wheel, 1 Horse).	Number of Hook and Lad- der Trucks (3-Horse).	Number of Hook and Lad- der Trucks (2-Horse).	Number of Hook and Lad- der Trucks (1-Horse).	Number of Alarms Responded To.	Number of Fires Per- formed Duty At.	Number of Officers and Men.
Engine 101.....	1	di	..	..	..	..	89	42	14
" 102.....	1	1	..	..	..	..	152	50	14
" 103.....	di	di	..	..	..	..	231	58	15
" 104.....	da2	di	..	..	..	..	272	58	14
" 105.....	di	di	..	..	..	..	214	43	17
" 106.....	a2	di	..	..	..	..	128	32	17
" 107.....	di	di	..	..	..	..	137	38	13
" 108.....	1	db2	..	..	..	..	72	24	13
" 109.....	di	di	..	..	..	..	145	57	15
" 110.....	1	di	..	..	..	..	144	34	13
" 111.....	1	di	..	..	..	..	140	32	14
" 112.....	1	dc2	..	..	..	..	146	37	15
" 113.....	di	di	..	..	..	..	221	43	15
" 114.....	1	di	..	..	..	..	129	33	15
" 115.....	1	di	..	..	..	..	95	41	14
" 116.....	di	di	..	..	..	..	243	55	15
" 117.....	di	di	..	..	..	..	189	29	12
" 118.....	1	di	..	..	..	..	135	25	18
" 119.....	1	di	..	..	..	..	148	26	15
" 120.....	di	di	..	..	..	..	135	33	13
" 121.....	k2	di	..	..	..	..	148	31	20
" 122.....	1	1	..	..	..	..	121	23	15
" 123.....	e	..	..	..	..	..	75	17	13
" 124.....	1	1	..	..	..	..	41	9	10
" 125.....	1	1	..	..	..	..	91	17	12
" 126.....	di	di	..	gi	..	..	234	64	14
" 127.....	a2	1	..	..	..	..	89	22	13
" 128.....	1	di	..	..	..	..	99	30	12
" 129.....	a2	di	..	..	..	..	100	28	14
" 130.....	di	di	..	..	..	..	197	44	14
" 131.....	1	di	..	..	..	..	150	36	12
" 132.....	f	..	..	..	..	..	66	12	14
" 133.....	1	di	..	..	..	..	147	23	13
" 134.....	1	di	..	..	..	..	116	36	13
" 135.....	a2	di	..	..	..	..	165	25	14
" 136.....	1	1	..	..	..	..	30	10	12
" 137.....	a2	1	..	..	..	..	149	41	12
" 138.....	1	di	..	..	..	..	132	44	14
" 139.....	1	di	..	..	..	..	155	34	12
" 140.....	1	1	..	..	..	..	60	12	14
" 141.....	1	1	..	..	..	..	65	14	16
" 142.....	1	1	..	..	..	..	20	9	16
" 143.....	1	1	..	..	..	..	26	12	14
" 144.....	a2	1	..	..	..	..	41	3	14
" 145.....	1	1	..	..	..	..	47	6	12
" 146.....	1	1	..	..	..	..	17	8	14
" 147.....	1	1	..	..	..	..	27	9	17
" 148.....	1	1	..	..	..	..	36	11	16
" 149.....	1	1	..	..	..	..	33	8	13
" 150.....	1	1	..	..	..	..	20	7	14
" 151.....	a2, li	di	..	..	..	..	71	24	14
" 152.....	1	di	..	..	..	..	73	13	13
" 153.....	a2	1	..	..	..	..	20	6	16
" 154.....	1	1	..	..	..	..	13	6	11
" 155.....	1	..	..	..	..	..	21	12	12
" 156.....	1	1	..	..	..	..	105	25	10
" 157.....	1	1	..	..	..	..	46	12	10
" 158.....	1	1	..	..	..	..	59	14	10
" 159.....	1	1	..	..	..	..	50	12	12
" 160.....	a2	h2	..	..	..	..	27	11	10
" 161.....	1	1	..	..	..	..	27	9	12
" 162.....	1	1	..	..	..	..	164	88	13
" 163.....	1	1	..	..	..	..	149	76	13
" 164.....	..	..	..	..	..	..	148	73	14
" 165.....	..	..	..	..	..	..	164	81	14
" 166.....	..	..	..	..	..	..	168	77	18
" 167.....	..	..	..	..	..	..	120	68	13
" 168.....	..	..	..	..	..	..	123	62	13
" 169.....	..	..	..	..	..	..	287	199	13
" 170.....	..	..	..	..	..	..	120	62	14
" 171.....	..	..	..	..	..	..	312	97	16
" 172.....	..	..	..	..	..	..	135	73	13
" 173.....	..	..	..	..	..	..	95	58	13
" 174.....	..	..	..	..	..	..	27	15	11
" 175.....	..	..	..	..	..	..	57	46	11
" 176.....	..	..	..	..	..	..	80	56	10
" 177.....	..	..	..	..	..	..	15	10	12
" 178.....	..	..	..	..	..	..	24	14	10
" 179.....	..	..	..	..	..	..	256	75	17
" 180.....	..	..	..	..	..	..	109	26	16
Total.....	75	62	1	18	14	1	..	..	*1,104

*Does not include chief officers, who number 23. (a) Spare engines. (b) Large 4-wheel wagon
for fireboat "Seth Low." (c) Large 4-wheel wagon for fireboat "David A. Booddy." (d) Rubber tires.
(e) Fireboat "Seth Low." (f) Fireboat "David A. Booddy." (g) Water tower. (h) Spare hose
wagon. (i) Spare hook and ladder truck. (j) Searchlight engine. (k) Chemical engine. (l) Chem-
ical engine.

Classified Description of Steam Fire Engines.

Size.					Style of			Size in inches of				Manufacturer's			New Boilers, Pumps, Etc.		
1.	2.	3.	4.	5.	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.	Weight with Water Pounds.	When Built or Placed in Service.	Name.	No.	When.	By Whom.	Where in Service.
1	..	..	..	..	Crane	Tubular	Double	7½	8	4¾	9,800	1894	Amoskeag	707	1900	American Fire Engine Com- pany, water tube boiler....	Spare
1	..	..	..	..	Crane	Tubular	Double	7½	8	4¾	9,800	1894	Amoskeag	708	....	.....	Engine 115
1	..	..	..	..	Crane	Tubular	Double	7½	8	4¾	9,800	1894	Amoskeag	709	....	.....	Engine 121
1	..	..	..	..	Crane	Tubular	Double	7½	9	4½	8,250	1874	Amoskeag	486	1896	Tubular boiler, repair shop....	Engine 124
1	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1891	Amoskeag	668	1899	American Fire Engine Com- pany, water tube boiler....	Engine 102
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1884	Amoskeag	590	1894	Tubular boiler, repair shop....	Engine 106
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,000	1891	Amoskeag	667	1899	American Fire Engine Com- pany, water tube boiler....	Engine 108
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,500	1873	Amoskeag	427	1897	La France Company, nest tube.	Engine 112
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,300	1893	Amoskeag	697	....	.....	Engine 114
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,400	1885	Amoskeag	600	....	.....	Engine 118
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,000	1892	Amoskeag	684	1899	American Fire Engine Com- pany, water tube boiler....	Engine 119
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,300	1890	Amoskeag	659	....	.....	Engine 122
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1876	Amoskeag	507	1892	Manchester Locomotive Works, tubular boiler	Engine 127
..	..	..	1	..	Crane	Tubular	Double	6½	8	3¾	6,750	1898	Amoskeag	741	....	.....	Engine 128
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,100	1892	Amoskeag	682	1899	American Fire Engine Com- pany, water tube boiler....	Engine 129
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1879	Amoskeag	528	1899	American Fire Engine Com- pany, water tube boiler....	Engine 134
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1873	Amoskeag	421	1894	Tubular boiler, repair shop....	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,300	1873	Amoskeag	429	1897	La France Company, nest boil- er	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1880	Amoskeag	546	1900	American Fire Engine Com- pany, water tube boiler....	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,000	1882	Amoskeag	568	1894	La France Company, nest boil- er	Richmond Hill
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,300	1884	Amoskeag	594	....	.....	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1885	Amoskeag	598	....	.....	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,400	1885	Amoskeag	599	....	.....	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1889	Amoskeag	654	....	.....	Spare
..	1	..	..	..	Crane	Tubular	Double	6¾	8	4¼	8,200	1891	Amoskeag	669	1899	American Fire Engine Com- pany, water tube boiler....	Spare

Crane	Tubular	Double	6 3/4	8	4 1/4	8,300	1883	Amoskeag	585	1897	Tubular boiler, repair shop....	Spare
Crane	Tubular	Double	6 3/4	8	4 1/4	8,200	1889	Amoskeag	655	.....	American Fire Engine Com-	Spare
Crane	Nest	Double	7 1/4	8	4 1/4	8,000	.....	.....	.....	.....	pany, water tubes.....	Spare
Crane	Tubular	Double	6 3/4	8	4 1/4	8,300	1890	Amoskeag	660	1899	.....	Spare
Crane	Tubular	Double	6 3/4	8	4 1/4	8,100	1890	Amoskeag	658	.....	.....	Spare
Crane	Tubular	Double	6 3/4	8	4 1/4	8,200	1893	Amoskeag	696	.....	.....	Spare
Crane	Tubular	Double	7 1/4	8	4 1/4	7,200	1896	La France	277	.....	.....	Spare
Crane	Nest	Double	7 1/4	8	4 1/4	8,000	1896	La France	358	.....	.....	Spare
Crane	Drop tube	Single	Rotary	Rotary	Rotary	5,400	1893	Silsby	2231	.....	.....	Bayside
Crane	Nest	Double	7 1/4	8	4 1/4	7,600	1895	La France	323	.....	.....	Engine 111
Crane	Nest	Double	7 1/4	8	4 1/4	7,940	1898	La France	403	.....	.....	Engine 125
Crane	Nest	Double	7 1/4	8	4 1/4	7,700	1895	La France	324	.....	.....	Engine 135
Crane	Nest	Double	7 1/4	8	4 1/4	7,600	1895	La France	329	.....	.....	Engine 136
Crane	Nest	Double	7 1/4	8	4 1/4	7,600	1897	La France	361	.....	.....	Engine 138
Crane	Nest	Double	7 1/4	8	4 1/4	7,420	1896	La France	359	.....	.....	Engine 137
Crane	Nest	Double	7 1/4	8	4 1/4	8,500	1888	La France	154	1897	La France Company, nest boil-	Engine 139
Crane	Nest	Double	7 1/4	8	4 1/4	7,200	1895	La France	334	.....	er	Engine 140
Crane	Nest	Double	7 1/4	8	4 1/4	7,200	1895	La France	332	.....	.....	Engine 141
Crane	Nest	Double	7 1/4	8	4 1/4	7,200	1895	La France	331	.....	.....	Engine 142
Crane	Nest	Double	7 1/4	8	4 1/4	7,200	1895	La France	330	.....	.....	Engine 143
Crane	Nest	Double	7 1/4	8	4 1/4	7,250	1897	La France	320	.....	.....	Engine 144
Crane	Nest	Double	7 1/4	8	4 1/4	7,400	1893	La France	296	.....	.....	Engine 145
Crane	Nest	Double	7 1/4	8	4 1/4	7,300	1896	La France	357	.....	.....	Engine 147
Crane	Nest	Double	7 1/4	8	4 1/4	7,300	1897	La France	385	.....	.....	Engine 148
Crane	Nest	Double	7 1/4	8	4 1/4	7,300	1896	La France	356	.....	.....	Engine 149
Crane	Nest	Double	7 1/4	8	4 1/4	7,350	1897	La France	391	.....	.....	Engine 150
Crane	Nest	Double	7 1/4	8	4 1/4	7,900	1897	La France	384	.....	.....	Engine 151
Crane	Nest	Double	7 1/4	8	4 1/4	7,500	1897	La France	362	.....	.....	Engine 152
Crane	Nest	Double	7 1/4	8	4 1/4	7,200	1895	La France	333	.....	.....	Engine 153
Crane	Nest	Double	7 1/4	8	4 1/4	7,200	1897	La France	390	.....	.....	Engine 155
Crane	Nest	Double	7 1/4	8	4 1/4	7,600	1894	La France	295	1901	La France Company, nest boil-	Engine 101
Crane	Smoke and	Double	6 3/4	7	4	6,900	1899	La France	414	.....	er	Engine 163
Crane	Water tube	Double	6 3/4	7	4	6,900	1899	La France	412	.....	.....	Engine 133
Crane	Water tube	Double	6 3/4	7	4	7,000	1899	La France	415	.....	.....	Engine 146
Crane	Water tube	Double	6 3/4	7	4	6,900	1899	La France	413	.....	.....	Engine 154
Crane	Water tube	Double	7 1/4	8	4 1/4	8,300	1900	La France	433	.....	.....	Engine 109
Crane	Water tube	Double	7 1/4	8	4 1/4	9,200	1900	La France	432	.....	.....	Engine 105
Crane	Water tube	Double	7 1/4	8	4 1/4	8,200	1900	La France	438	.....	.....	Engine 107
Crane	Water tube	Double	7 1/4	8	4 1/4	8,200	1900	La France	439	.....	.....	Engine 116
Crane	Water tube	Double	7 1/4	8	4 1/4	8,300	1901	La France	461	.....	.....	Engine 103
Crane	Water tube	Double	7 1/4	8	4 1/4	8,300	1901	La France	462	.....	.....	Engine 113
Crane	Water tube	Double	7 1/4	8	4 1/4	8,300	1901	La France	463	.....	.....	Engine 126
Crane	Water tube	Double	6 1/2	7	4	6,500	1898	American	2619	.....	.....	Engine 157
Crane	Spiral tube	Double	7 1/4	8	4 1/4	7,100	1894	American	2304	.....	.....	Engine 158
Crane	Water tube	Double	6 1/2	7	4	6,500	1899	American	2678	.....	.....	Engine 160
Crane	Water tube	Double	6 1/2	7	4	6,500	1899	American	2679	.....	.....	Engine 161
Crane	Water tube	Double	8	8	4 1/4	8,700	1900	American	2702	.....	.....	Engine 104
Crane	Water tube	Double	7 1/2	7	4 1/2	7,700	1900	American	2703	.....	.....	Engine 130
Crane	Water tube	Double	7 1/2	7	4 1/2	7,900	1900	American	2730	.....	.....	Engine 117
Crane	Water tube	Double	7 1/2	7	4 1/2	7,800	1900	American	2731	.....	.....	Engine 120
Crane	Spiral tube	Double	7 1/2	8	4 1/2	7,600	1886	Clapp & Jones	506	.....	.....	Engine 131
Crane	Spiral tube	Double	7 1/2	8	4 1/2	7,500	1886	Clapp & Jones	493	.....	.....	Engine 159
Crane	Spiral tube	Double	7 1/2	8	4 1/2	7,000	1894	Clapp & Jones	2305	.....	.....	Engine 162
Marine	Scotch	Two single	16	18	.....	.....	1895	W. Cowles	.....	1900	Tregarthen & Son, new boiler.	Engine 123*
Marine	Scotch	Compound	14-26	18	.....	.....	1892	W. Cowles	.....	1895	McLaughlin & McNeal.....	Engine 132*
Fireboat.....	Pumps	Two sets	16	10	8	.....	1885	Clapp & Jones	.....	.....	.....	Engine 123*
Fireboat.....	Pumps	Two sets	17	11	10	.....	1885	Clapp & Jones	.....	.....	.....	Engine 132*
Searchlight.....	Crane	Nest	Vertical	5	5	7,360	1901	La France Co.	3	.....	.....	Hook and Ladder 68

*Fireboat "Seth Low."

†Fireboat "D. A. Boody."

‡Fireboat "Seth Low."

§Fireboat "D. A. Boody."

||Two lamps, 7,000 and 9,000 candle power.

Chemical Engines.

Name.	Style.	Capacity.	Weight.	Manufacturer.	Number.	Where in Service.
Chemical engine	Crane	Two 50-gallon tanks	4,375 pounds	Holloway Company	1 B	Engine 162
Chemical engine	Crane	Two 50-gallon tanks	4,500 pounds	Holloway Company	2 B	Engine 121
Chemical engine	Two-wheel	One 80-gallon tank	2,500 pounds	Hayward Company	3 B	Engine 151

Classified Description of Hook and Ladder Trucks.

Size.	Style.	Largest Ladder.	Manufacturer.	When Built.	Registered Number.	Where in Service.
1, 2, 3, 4.		Feet.				
1	Hayes aerial.....	85	La France Fire Engine Company	1899	212	Hook and Ladder 51.
1	Hayes aerial.....	85	La France Fire Engine Company	1893	148	Hook and Ladder 52.
1	Hayes aerial.....	85	La France Fire Engine Company	1899	213	Hook and Ladder 53.
1	Hayes aerial.....	85	La France Fire Engine Company	1899	215	Hook and Ladder 54.
1	Hayes aerial.....	85	La France Fire Engine Company	1899	209	Hook and Ladder 55.
1	Hayes aerial.....	85	La France Fire Engine Company	1896	193	Hook and Ladder 56.
1	Hayes aerial.....	85	La France Fire Engine Company	1901	232	Hook and Ladder 58.
1	Hayes aerial.....	85	La France Fire Engine Company	1901	222	Hook and Ladder 60.
1	Hayes aerial.....	85	La France Fire Engine Company	1885	57	Spare.
1	Hayes aerial.....	75	La France Fire Engine Company	1889	102	Hook and Ladder 57.
1	Hayes aerial.....	75	La France Fire Engine Company	1891	123	Hook and Ladder 59.
1	Hayes aerial.....	75	La France Fire Engine Company	1891	124	Hook and Ladder 61.
1	Hayes aerial.....	75	La France Fire Engine Company	1892	139	Hook and Ladder 62.
1	Hayes aerial.....	75	La France Fire Engine Company	1886	67	Hook and Ladder 63.
1	Hayes aerial.....	75	La France Fire Engine Company	1888	99	Hook and Ladder 64.
1	Hayes aerial.....	75	La France Fire Engine Company	1886	79	Spare.
1	Hayes aerial.....	75	La France Fire Engine Company	1892	140	Spare.
1	Hayes aerial.....	75	La France Fire Engine Company	1890	103	Spare.
1	Hayes aerial.....	75	La France Fire Engine Company	1895	162	Spare.
1	Hayes aerial.....	55	La France Fire Engine Company	1895	160	Hook and Ladder 65.
1	Dederick aerial..	85	Gleason & Bailey Manufacturing Company	1900	2B	Hook and Ladder 58.
1	Combination	50	Gleason & Bailey Manufacturing Company	1899	13B	Hook and Ladder 66.
1	Babcock aerial..	60	Extinguisher Manufacturing Company	1899	1B	Hook and Ladder 67.
1	Hayes aerial.....	85	La France Fire Engine Company	1896	192	Spare.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	8B	Engine 140.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	1B	Engine 141.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	2B	Engine 142.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	3B	Engine 143.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	9B	Engine 148.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	7B	Engine 150.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1897	10B	Engine 153.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1897	11B	Engine 155.
1	Straight frame combination ..	50	Holloway Manufacturing Company	1896	6B	Engine 147.
1	Combination chemical ..	50	Gleason & Bailey Manufacturing Company	1896	12B	Engine 144.
1	Straight frame combination ..	50	Gleason & Bailey Manufacturing Company	1896	5B	Engine 146.
1	Straight frame combination ..	50	Gleason & Bailey Manufacturing Company	1897	4B	Engine 155.
1	Combination chemical ..	50	Gleason & Bailey Manufacturing Company	1897	14B	Engine 157.
1	Straight frame.....	35	New York Fire Department Repair Shops.	1882	21	Newtown.
1	Straight frame.....	55	Fire Extinguisher Company.	1882	23	Woodside.
1	Straight frame.....	30	Woodhouse	1888	15B	Rockaway Beach.

Classified Description of Hose Tenders, Hose Wagons, Boat Tenders, Water Towers, Etc.

Style.	Class 1, 2.	Manufacturer.	When Built.	Registered Number.	Where in Service.
Platform spring.....	1	P. Barrett Manufacturing Company	1899	74B	Engine 109.
Platform spring.....	1	P. Barrett Manufacturing Company	1899	75B	Engine 110.
Platform spring.....	1	P. Barrett Manufacturing Company	1899	76B	Engine 103.
Platform spring.....	1	P. Barrett Manufacturing Company	1899	79B	Engine 120.
Platform spring.....	1	P. Barrett Manufacturing Company	1896	47B	Spare.
Platform spring.....	1	Marlborough Brothers.	1891	20B	Engine 115.
Platform spring.....	1	Marlborough Brothers.	1893	18B	Engine 119.
Platform spring.....	1	Marlborough Brothers.	1895	15B	Engine 122.
Platform spring.....	1	Marlborough Brothers.	1893	17B	Engine 151.
Platform spring.....	1	Marlborough Brothers.	1894	46B	Elmhurst, Newtown.
Platform spring.....	1	Marlborough Brothers.	1893	21B	Spare.
Platform spring.....	1	Marlborough Brothers.	1895	57B	Engine 124.
Platform spring.....	1	Marlborough Brothers.	1891	11B	Engine 125.
Platform spring.....	1	Marlborough Brothers.	1893	23B	Engine 158.
Platform spring.....	1	Marlborough Brothers.	1891	10B	Engine 160.
Platform spring.....	1	Marlborough Brothers.	1894	22B	Engine 161.

Platform spring.....	1	Marlborough Brothers.....	1894	32B	Engine 162.
Platform spring.....	1	Woodhouse Manufacturing Com- pany	1885	38B	Engine 163.
Platform spring.....	1	Woodhouse Manufacturing Com- pany	1884	2B	Woodhaven.
Platform spring.....	1	Gleason & Bailey Manufacturing Company	1895	62B	Richmond Hill.
Platform spring.....	1	Gleason & Bailey Manufacturing Company	1895	63B	Woodhaven.
Platform spring.....	1	Marlborough Brothers.....	1894	29B	Rockaway Beach.
Platform spring.....	1	Gleason & Bailey Manufacturing Company	1895	65B	Richmond Hill.
Platform spring.....	1	Woodhouse Manufacturing Com- pany	1886	5B	Engine 155.
Platform spring.....	1	Jones	1895	35B	Engine 131.
Platform spring.....	1	Jones	1895	36B	Engine 159.
Platform spring.....	1	P. Barrett Manufacturing Com- pany	1897	55B	Engine 152.
Platform spring.....	1	Brooklyn Fire Department Re- pair Shops.....	1893	19B	*Engine 123.
Platform spring.....	1	Jones	1895	33B	Engine 102.
Platform spring.....	1	Jones	1895	39B	Engine 101.
Platform spring.....	1	Marlborough Brothers.....	1893	59B	Spare.
Platform spring.....	1	Marlborough Brothers.....	1895	37B	Engine 137.
Platform spring.....	1	Jones	1895	34B	Engine 154.
Platform spring.....	1	P. Barrett Manufacturing Com- pany	1896	54B	Engine 153.
4-wheel hose reel.....	1	Amoskeag Manufacturing Com- pany	1871	1B	†Engine 132.
4-wheel hose reel.....	1	Amoskeag Manufacturing Com- pany	1871	2B	†Repair Shops.
2-wheel hose reel.....	1	Amoskeag Manufacturing Com- pany	1871	3B	Bayside.
2-wheel hose reel.....	1	Amoskeag Manufacturing Com- pany	1871	4B	Engine 157.

* Fireboat "Seth Low." † Fireboat "David A. Boody." ‡ St. Edwards and Bolivar streets.

DESCRIPTION OF FIREBOATS.

"Seth Low" (Engine 123).

Length over all, 99 feet 3 inches; beam, 23 feet 9 inches; tonnage, gross, 82.72; net, 41; twin screws; engines, two, high or low pressure; horsepower (nominal), 205 each; cylinders, 16 by 18 inch stroke; steam, 100 pounds; built in Brooklyn in 1885; hull, wood; draught, 9 feet; length of boiler, 14 feet, Scotch; diameter, 9 feet 3 inches; pumps, 4.8 by 10 inches, Clapp & Jones; cylinders, 4, 10 stroke, 16 steam; capacity, 3,500.

"David A. Boody" (Engine 132).

Length over all, 106 feet; draught, 8 feet 6 inches; tonnage, gross, 93.57; net, 46.79 tons; horsepower, 240; style of engines, compound condensing engines; cylinders, 14 and 26; stroke, 18 inches; boiler, Scotch, with 3 furnaces; steam carried, 130 pounds; screw, single; pumps, double, 10 inches; steam cylinder, 17 inches; stroke, 11 inches; capacity, 6,500 gallons; make, American Fire Engine Works; built in 1892; beam, 23 feet 6 inches; length of boiler, 14 feet; diameter of boiler, 10 feet 3 inches; built at Nohank, Conn.

Number and Character of Alarms and Manner of Receipt.

Alarms	Manner of Receipt.				Total.
	From Department Street Alarm Boxes.	Special Department Telegraph Signals.	Verbally.	Automatic Telegraph.	
Fires	1,739	29	1,081	12	2,861
Indication of fire.....	91	1	32	1	124
Unnecessary	73	6	13	14	106
Totals.....	1,903	36	1,126	26	3,091

Alarms were communicated by attaches of this Department.....	392
Alarms were communicated by attaches of Police Department.....	262
Alarms were communicated by district keyholders.....	830
Alarms were communicated by citizen keyholders.....	86
Alarms were communicated by all other means.....	1,521
Total.....	3,091

Statistics of Fires.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
In buildings—													
Confined to point of													
starting	247	204	198	162	204	194	185	166	137	157	184	226	2,264
Confined to building.....	24	28	16	17	22	17	6	14	9	13	13	15	154
Extended to other build- ings	4	12	3	6	6	13	6	5	2	7	4	13	81
In vessels	2	2	2	1	1	1	1	1	1	2	1	2	16
In places other than build- ings and vessels.....	14	12	40	40	37	36	31	21	17	25	17	16	306
Totals.....	291	258	259	226	269	261	228	208	166	204	219	272	2,861

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Extinguished without engine stream	212	172	181	157	180	180	174	147	127	154	170	189	2,043
Extinguished with one engine stream	42	43	51	46	61	56	34	43	30	28	25	57	516
Extinguished with two or three engine streams	33	31	22	17	19	19	16	14	6	18	18	19	232
Extinguished with more than three engine streams.....	4	12	5	6	9	6	4	4	3	4	6	7	70
Totals.....	291	258	259	226	269	261	228	208	166	204	219	272	2,861

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Extent of damage to build- ings and vessels.													
Built mainly of brick, stone or iron—													
Slight	139	99	88	78	97	89	93	69	66	78	84	122	1,102
Considerable	8	10	3	4	7	4	2	3	1	5	9	11	67
Destroyed	2	2	2	2	2	2	2	2	2	2	2	2	10
Built mainly of wood—													
Slight	113	107	116	88	111	106	87	101	75	85	100	115	1,204
Considerable	15	15	5	11	10	15	15	8	3	7	7	4	115
Destroyed	11	11	5	2	5	10	4	2	2	2	2	2	41
Vessels	2	2	2	1	1	1	1	2	1	2	1	2	16
Places other than buildings and vessels.....	14	12	40	40	37	36	31	21	17	25	17	16	306
Totals.....	291	258	259	226	269	261	228	208	166	204	219	272	2,861

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Between 6 a. m. and 6 p. m....	156	116	131	77	142	101	85	77	48	75	78	86	1,172
Between 6 p. m. and 6 a. m....	135	142	128	149	127	160	143	131	118	129	141	186	1,689
Totals each month.....	291	258	259	226	269	261	228	208	166	204	219	272	2,861

Water Consumption—38,827,222 gallons, of which 13,797,420 gallons were river water.

REPORT OF FIRE ALARM TELEGRAPH BRANCH.

Alarms and Calls.

Three thousand four hundred and nineteen alarms and calls were received and transmitted, as follows:	
First alarms	1,931
Second alarms	69
Third alarms	33
Fourth alarms	15
Still alarms	386
Verbal alarms	595
	981

Special calls for companies.....	124
Special calls for Insurance Patrol.....	8
Ambulance calls	258
	390

Total	3,419
From street boxes	1,672
From special building boxes.....	27
From Pneumatic Signal Company.....	31
From telephones	309
From Police Department.....	9
	2,048

Still alarms	386
Verbal alarms	595
	981

Special calls for companies.....	124
Special calls for Insurance Patrol.....	8
Ambulance calls	258
	390

Messages.

Received	111,283
Transmitted	118,737

Total

Wire Mileage—There are 946,074 miles of electrical conductors now in operation. Lines—24,251 miles of insulated copper wire used for extension; 118,374 miles of insulated copper wire used for repairs; 9,376 miles of iron wire removed.

Poles—There are 3,452 poles the property of and in use by this Department, including 1,336 poles the joint property of the Fire Department and the New York and New Jersey Telephone Company.

Removed, 46 poles; reset, 32; added, 80; renewed, 19 poles.

Fire Alarm Boxes—Eighteen fire alarm boxes were installed during the year, as follows:

Class 1	10
Class 2	3
Class 3	5
Total	18

Eleven Class 3 boxes were discontinued during the year.

There are 1,300 fire alarm boxes in service on thirty-two circuits, as follows:

Class 1	811
Class 2	255
Class 3	212
Class 4	22
Total	1,300

Underground Subway—During the year the main or trunk lines from Central Office, Nos. 365 and 367 Jay street, going north and south, were placed in subway (the property of the New York and New Jersey Telephone Company) on Jay street, from Fulton street to Myrtle avenue. For this purpose three 25-conductor lead-covered cables (3,156 feet) were used. The 3,156 feet of cable contain 78,900 feet of insulated copper wire; the iron pipes through which they run (three on each elevated structure), from subway to the elevated structure at Myrtle avenue and Jay street and Fulton and Jay streets, are the property of the Department. The pole line on Jay street, between Fulton street and Myrtle avenue, is now removed. This is certainly evidence of the desire of this Department to co-operate with the Department of Water Supply, Gas and Electricity in its efforts to bury aerial wires.

Notable Fires.

February 8, 11.46 p. m.—Fire at Nos. 72-82 Flushing avenue, four-story and basement brick building, 125 by 145 feet, and occupied by John Shadbolt as wagon and truck manufactory. On the arrival of the Department the fire was all through the building, from cellar to roof, and building and contents were a total loss. Extended to Nos. 15 and 17 Cumberland street, a two-story frame building, 20 by 20 feet, occupied by W. C. Sheddon as stable, building and contents a total loss; to Nos. 19-25 Cumberland street, three-story frame buildings, each 25 by 50 feet, occupied as dwellings, buildings and contents considerably damaged; to Nos. 2-16 Cumberland street, four-story brick building, 25 by 75 feet, occupied by C. T. Bainbridge & Co. as a stationary manufactory, building and contents slightly damaged; to No. 54 Flushing avenue, three story brick building, 20 by 75 feet, occupied by Henry Rieberaht Company as a restaurant, building and contents considerably damaged; to Nos. 88-104 Flushing avenue, six-story brick building, 275 by 300 feet, unoccupied, building slightly damaged; also at No. 10 Carlton avenue, three-story brick building, 25 by 50 feet, occupied as dwelling, building and contents slightly damaged. The services of 12 engine and 4 hook and ladder companies were required, and the fire was under control in about three hours.

February 15, 3.58 a. m.—Foot of Twenty-fifth street, borough of Brooklyn; group of buildings, as follows: Two-story frame, 25 by 60 feet, occupied by Henry Hanson as kindling wood factory; one-story frame, 60 by 100 feet, occupied by McGuire Brothers as cooperage and barrel storage; one-story frame, 25 by 40 feet, occupied by James McMahon as stable, office and lumber storage; one-story frame, 15 by 20 feet, occupied by Anderson Munson as stable; one-story frame, 40 by 70 feet, occupied by Mr. Hanson as saw and planing mill; two-story frame, 25 by 45 feet, occupied by Campbell & Co. as stable; one-story frame shed, 20 by 40 feet, occupied by F. H. Schneider as storage for lumber. All the above buildings, with the exception of the one last mentioned, were a total loss. The fire also extended to the two-masted schooner "Matilda Brooks," owned by William Richardson, considerably damaged; to a scow owned by Campbell & Co., trifling damage, and to a scow owned by Henry Cossey, trifling damage. There were eleven horses burned to death at this fire. The services of 9 engines, 1 fireboat and 3 hook and ladder companies were required, and the fire was under control in about two hours.

February 21, 10.37 a. m.—Nos. 25-33 Fourth street, Long Island City, borough of Queens. Fire originated in one of a group of one and two-story small brick buildings, occupied by Emil Coleman & Co. as varnish manufactory, total dimensions 250 by 200 feet, buildings and contents considerably damaged. The services of 11 engine companies, 2 fireboats, and 4 hook and ladder companies were required, and the fire was under control in about three hours.

April 13, 3.30 a. m.—Rear of Nos. 30 and 40 Sandford street. Fire originated in a one-story brick and frame building, 100 by 100 feet, occupied as a foundry, and was considerably damaged. The fire extended to the following buildings: No. 28 Sandford street, a four-story brick building, 25 by 50 feet, occupied as storage, slightly damaged; No. 42 Sandford street, a one-story frame building, 25 by 100 feet, occupied as a foundry, considerably damaged; Nos. 27 and 35 Walworth street, a four-story brick building, 125 by 35 feet, occupied as furniture and cut glass factory, total loss; Nos. 37 and 39 Walworth street, a one-story brick building, 30 by 30 feet, occupied as a blacksmith's shop, considerably damaged; No. 25 Walworth street, a two-story frame building, 25 by 35 feet, occupied as a dwelling, slightly damaged; No. 12 Old Bridge road, a two-story frame dwelling, and No. 14 Old Bridge road, a one-story brick building, 25 by 25 feet, unoccupied, both slightly damaged. The services of 9 engine and 4 hook and ladder companies were required. The fire was under control in about five hours. Estimated loss, \$50,000.

April 18, 2.50 a. m.—Nos. 160 to 174 Front street. Fire originated on the first floor of the four-story brick building, occupied as the Bradley White Lead Works, and the fire extended through the entire building, which was considerably damaged. The services of 12 engine and 4 hook and ladder companies were required, and the fire was under control in about five hours. Estimated damage, \$175,000.

May 21, 10.33 p. m.—Nos. 239-245 Willoughby street. Fire originated in the five-story brick building, 120 by 150, occupied by Freeborn G. Smith as piano manufactory and storage. The building and contents were a total loss. The fire extended to the following buildings: No. 56 Bolivar street, a three-story frame, 20 by 25, occupied as dwellings, considerably damaged, and to No. 58 Bolivar street, a three-story frame, 25 by 25, slightly damaged; and to Nos. 60 and 64 Bolivar street, a four-story brick, 100 by 200, occupied as stables, considerably damaged; and to No. 119 Raymond

street, a three-story brick, 20 by 40, occupied as dwellings, considerably damaged. The five-story brick buildings, Nos. 126, 128, 130 and 132 Raymond street, directly opposite the main fire, were slightly damaged on front from the intense heat. The three-story frame buildings, Nos. 117, 119, 121 Raymond street, were partly demolished by the falling walls of the piano factory. Twenty-two engine and 4 hook and ladder companies were required. The fire was under control in about three hours. Estimated damage, \$100,000.

May 28, 3.05 a. m.—Nos. 388 and 394 Wythe avenue, a five-story brick building, 100 by 80, occupied by James J. Matchett as candy manufactory. The fire originated in basement and extended to the first, second, third, fourth and fifth floors through the open elevator shaft. The greater portion of damage was on the first, third and fifth floors, the second and fourth floors by water only. The services of 15 engine, 4 hook and ladder companies and 2 fireboats were required. Fire was under control in about two and one-half hours. Estimated damage, \$50,000.

June 23, 2.28 a. m.—Nos. 563 to 565 Smith street. The fire originated on the first floor of the four-story brick building, 150 by 150, occupied as tartar works by the American Tartar Company. The fire extended to all floors, damaging the building and contents considerably, and extended to Nos. 559 and 561 Smith street, a one-story brick building, 50 by 75, occupied as smelting room, damage trifling; and to No. 567 Smith street, a two-story brick building, 20 by 20, occupied as an office, damage trifling. The services of 12 engine and 4 hook and ladder companies and 2 fireboats and 1 searchlight engine were required. The fire was under control in about 2 hours. Estimated damage, \$45,000.

July 19, 1.02 p. m.—Nos. 18-22 Hamilton avenue. Five-story brick building, 75 by 200 feet, occupied by the Sonoma Wine and Brandy Company as a distillery. The fire originated on the top floor and extended to the fourth floor, on account of the great headway fire had gained before the arrival of the Department, and the explosions of barrels of brandy which flowed down the stairways. The rear portion of the building on the two upper floors was considerably damaged. The services of 12 engine, 4 hook and ladder companies and 2 fireboats were required. The fire was under control in about two and one-half hours. Estimated damage, \$30,000.

November 16, 6.20 p. m.—Nos. 286-290 and 292 Graham street, occupied by L. T. Weiss as ink manufactory, and others. The fire originated in a one-story frame building, size 60 by 75 feet, occupied as an engine and boiler room, and located between buildings Nos. 286-290 and 292 Graham street, and connected to same by doorways. The fire extended to the four-story brick building, 60 by 75 feet, No. 286-290 Graham street, through the windows on the first floor on the south side of building, and then through elevator shaft to the second, third and fourth floors. Also extended to the first floor, rear of the four-story brick building, 20 by 70 feet, No. 292 Graham street, occupied as a toy manufactory. The boiler room and building Nos. 286-290 Graham street were considerably damaged, and No. 292 Graham street only slightly damaged on first floor. The services of 12 engine and 3 hook and ladder companies were required. The fire was under control in about one hour and a half. Estimated damage, \$50,000.

November 20, 10.54 a. m.—No. 724 Carroll street, four-story brick building, 25 by 75 feet, occupied by J. H. Hobraugh, as a dwelling. The fire originated on the first floor and extended to the second, third and fourth floors by way of the air shaft. The rear portion of building, with contents, was damaged considerably. Fireman first grade James Dawe, of Engine Company 139, was fatally injured by falling from the roof of building and died in the Methodist Episcopal Hospital on the same date. The services of 9 engine and 3 hook and ladder companies were required. The fire was under control in one hour. Estimated damage, \$8,000.

December 8, 5.43 p. m.—Nos. 42 and 44 Kent avenue. Fire originated in two oil stills, No. 5 and No. 6, size 26 by 40 feet each, owned by the Standard Oil Company. The oil was drawn off from the bottom of the stills and the fire was confined to the same. The services of 8 engine and 3 hook and ladder companies were required and 1 fireboat. The fire was under control in about one and one-half hours. Estimated damage, \$25,000.

December 18, 8.10 p. m.—Long Island Railroad Depot, corner Borden avenue and Front street, Long Island City, Borough of Queens. The fire originated on the first floor of the two-story brick building, 75 by 115 feet, located on the corner of Borden avenue and Front street, occupied as passenger depot and railroad office, and extended to the one-story frame building adjoining, 75 by 25 feet, occupied as store room by the Long Island News Company, which was damaged considerably. The depot was a total loss. The building burned so quickly that it was a total wreck in about 25 minutes after the first alarm was received. The services of 8 engine and 3 hook and ladder companies and 1 fireboat were required. The fire was under control in about twenty-five minutes. Estimated damage, \$75,000.

December 20, 9.51 p. m.—Nos. 769-789 Second avenue, borough of Brooklyn. Four-story brick building, 60 by 200 feet, occupied by William Lane as a shoe factory. The fire originated on the first floor and extended through the entire building. The flooring, partitions and contents were destroyed. The services of 12 engine and 3 hook and ladder companies were required. The fire was under control in about two hours. Estimated damage, \$125,000.

December 26, 12.31 a. m.—Nos. 206 to 214 Plymouth street. Five-story brick building, 100 by 30 feet, occupied by Arbuckle Brothers as cooperage. The fire spread through the building, which was a total loss, and extended to the fourth and fifth floors of the five-story building, 25 by 100 feet, No. 216 Plymouth street, occupied by Armstrong Cork Company as cork works, damaging said floors considerably; also to the seven-story building, 50 by 100 feet, No. 195 Plymouth street, occupied by Sternau & Co. as metal manufacturers, slightly damaging the fifth, sixth and seventh floors; also to the one-story brick building, 135 by 200 feet, Nos. 182 to 200 Plymouth street, occupied by E. W. Bliss as foundry, damage slight; to the one-story frame building, 20 by 50 feet, No. 215 Water street, occupied as stable, D. Joyce, owner, damage slight, and to the five-story brick building, 85 by 100 feet, Nos. 223-225 Water street, occupied by Kirkman & Son as soap works, window casing and iron shutters slightly scorched. The fire was confined mainly to the building in which it originated, and it was very difficult to stop the spread of the flames to the adjoining buildings on account of the lack of iron shutters on the windows of these buildings. Chief of the Twenty-third Battalion, Thomas S. Coppinger; Assistant Foreman William F. Jeffrey, of Engine Company 126, detailed in command of Water Tower 6, and Fireman fourth grade Michael J. O'Toole, of Hook and Ladder Company 55, detailed to Water Tower 6, were killed by the falling of the top portion of the front wall on the eastern end of the building, which fell directly on them while they were operating the water tower. Fireman fourth grade Thomas McCarthy, of Hook and Ladder Company 68, detailed to Water Tower 6, was seriously injured in the same manner, and was removed to the Long Island College Hospital. The services of 19 engine companies, 3 of which were sent from the borough of Manhattan; 3 hook and ladder companies, 2 fireboats and 1 water tower were required. The water tower was totally destroyed by falling walls. The fire was under control in about four hours. Estimated damage, \$100,000.

December 27, 5.08 p. m.—Nos. 89 and 93 Bedford avenue. The fire originated in the cellar of the three and four-story brick building Nos. 89 to 93 Bedford avenue, size 75 by 100 feet, occupied by the Standard Rock Candy Company as candy manufactory, and extended to the upper floors through the stairway, hatchway and belt opening; also extended by way of passageway and belt openings to the two-story brick building No. 87 Bedford avenue, 25 by 100 feet, occupied by the same company as a boiler and engine room, and by way of passageway to the one-story corrugated iron building Nos. 193-197 North Twelfth street, 100 by 100 feet, occupied by the same company as a storehouse. Buildings and contents destroyed, excepting the contents of the storehouse, which were considerably damaged. The services of 12 engine and 3 hook and ladder companies were required. The fire was under control in about two hours. Estimated damage, \$80,000.

ROLL OF MERIT.

Rescues Attended with Personal Risk in Line of Duty.

February 13, 1902—At fire No. 85 Manhattan avenue, 7.14 p. m.; station 476. Firemen fourth grade George A. Kellock and James M. Mundy, of Hook and Ladder Company 58, and Fireman first grade Frank J. Keating, Engine Company 116, rescued three persons who were in an unconscious condition from the fourth floor, by going through the adjoining building to the roof, then dropping to the fire escape on the fourth floor in the rear of the building on fire, and carrying said persons to the fire escape, from which they were taken by ladder, and removed to St. Catharine's Hospital.

September 18, 1902—At No. 499 Court street, 2.20 a. m. Fireman first grade

Joseph Barrett and Fireman second grade Edward F. Nealis, of Engine Company 103, rescued four persons from the third floor by the use of scaling ladder to the second floor, and Fireman Nealis climbed to the third floor by hand and then lowered persons down to Fireman Barrett, who was standing on the second story window sill, when they were passed to the second floor of the adjoining building. Escape by stairway was impossible on account of the intense smoke and heat.

Rescues Attended with Personal Risk, Outside Line of Duty.

April 15, 1902, 12.30 p. m.—Assistant Foreman John W. Jennings, Engine Company 114, while on way to meals, stopped runaway horse without bridle, dashing along on the south side of Fulton street, toward Tompkins avenue. He caught the horse by the mane, and was dragged a distance of one block before he succeeded in stopping the horse. This locality being the transfer station of the surface cars, a great number of persons were standing there at the time. His prompt action probably averted serious injuries, or loss of life, to said persons.

May 22, 1902, 5.20 p. m.—Engineer of Steamer Francis Monnaville, Engine Company 143, stopped runaway horse which was running on sidewalk in front of quarters, Eighteenth avenue and Eighty-sixth street. The horse was running at a high rate of speed, with broken shafts dragging at his heels, and had already injured several persons with the swaying shafts. The street was full of people at the time, when said Engineer caught the horse, throwing him to the ground. He was commended by several witnesses for his courageous act.

July 5, 1902, 3.45 p. m.—Fireman first grade Daniel V. Warner, Engine Company 155, while on vacation and in company with a friend, sailing in his gasoline launch "Volunteer," just outside of Rockaway inlet, they were overtaken by a great wind and rain storm, and in their efforts to reach a place of safety they discovered a capsized sailboat with three men clinging to the side of the upturned boat. He immediately turned his launch to their aid, at great personal risk, and rescued the men, who were in an exhausted condition, from drowning. They landed them at Rockaway Point.

July 20, 1902, 8.30 a. m.—Engineer of Steamer Dennis McCauley, Engine Company 122, while on day off, was informed that a man was trying to murder his wife and child at No. 351 Vermont street. He met a Policeman and informed him and went with him to the above address. The said Engineer broke in the front door and discovered a Mr. Bennett suffering from stab wounds which he had inflicted on himself. He made a dash at the said Engineer with a knife and cut the Engineer's shirt at the waist before the Policeman came to the Engineer's assistance. They disarmed him and he was made a prisoner. His prompt action possibly prevented the said Bennett from inflicting further injuries to himself or others, as he had stabbed his wife before cutting his own throat.

July 22, 1902, 10.05 a. m.—Fireman John H. Bedell, Engine Company 108, while returning from meals, caught a runaway horse attached to a milk wagon, on Court street, near Gold. He was dragged about 300 feet, when the horse, turning into the curb, threw Fireman Bedell against a watering trough, which caused him to fall on the street, and both wheels of the wagon passed over him just below the abdomen. The horse was held by citizens. He was removed to the Brooklyn City Hospital, suffering from severe contusions of the stomach and right leg. His prompt action averted serious injuries to the children playing in the street at the time.

September 7, 1902, 11.40 a. m.—Engineer of Steamer James Bridges, Engine Company 123, while on duty on the fireboat "Seth Low," at the foot of Main street, and while standing on the dock, saw Patrick Dean, of No. 45 Fulton street, who was sitting on the stringpiece, accidentally fall overboard. Said Engineer, fully dressed, plunged into the river and swam to his rescue, and caught him as he was about to disappear for the last time, and kept the man afloat until members of the company placed a rope around him. He was hauled to the pier and later removed to his home. The prompt action of the Engineer was attended with personal risk, as the drowning man was unable to help himself in any manner, and the current in the river is very strong at this point.

November 5, 1902, 1.40 a. m.—Fireman first grade Hugh L. Kelly, Engine Company 123, while on house watch heard cries of "Help!" coming from outside the quarters. He notified the commanding officer, and went out and discovered Frank McCabe, of No. 91 Spencer street, struggling in the water, clinging to a spile between a canal boat and the dock on the east side of the pier. Fireman Kelly secured a rope and was lowered by the legs by two other members of the company, until he could tie a rope around McCabe, when he was pulled up to the dock. This rescue was attended with personal risk, on account of the dangerous position he occupied between the barge and the dock, and said McCabe would certainly have drowned if not for the quick response of Fireman Kelly.

Volunteer System, Borough of Queens.

Town or Village.	Companies.	Members. (Estimated).
Newtown	11	350
Far Rockaway	4	95
Flushing	6	240
Woodhaven	8	370
Richmond Hill	5	130
Rockaway Beach	10	210
Columbia Fire Department, Richmond Hill	2	49
Jamaica	7	212
Bayside	2	60
Hollis	2	50
College Point	3	83
Queens	1	37
Whitestone	4	109
Springfield	1	54
Total	66	2,038

Chapter 82 of the Laws of 1900, amending the provisions of section 722 of the Greater New York Charter, as enacted in 1897, provided that an annual allowance for the support and maintenance of volunteer companies in the borough of Queens should be made by the Board of Estimate and Apportionment, as follows:

Engine companies, each	\$1,200 00
Hook and ladder companies, each	1,000 00
Hose and patrol companies, each	800 00

It also authorized said Board, in its discretion, to appropriate such sums of money as it might deem necessary for the purchase of apparatus for the several volunteer companies and for the maintenance of the Fire Alarm Telegraph System in said borough. These provisions were incorporated in the same section of the charter as amended in 1901.

During the summer of 1902 an inspection was made by Chief of Battalion Patrick Nevins, in Charge of Repairs, of the several companies of the volunteer departments of this borough with a view to ascertaining their requirements. As a result of such inspection requisitions were made in October for seventy horses, 16,200 feet of hose, 10 trucks, 14 hose wagons, 6 battalion chiefs' wagons, single and double harness, hangers and weights for same. Bids for supplying the same were duly advertised and contracts were awarded, but no deliveries made during the year, they not being due until 1903. It was ascertained that the condition of the appropriation for 1902 would permit of the purchase of but forty horses.

During 1903 it is proposed to deliver the articles contracted for, also forage for horses. Additional hose will be required during the year to replace such as may be destroyed in active service, and some few companies are in need of new apparatus. If the appropriation will permit thirty additional horses will also be provided. Before, however, equipping all the companies requiring horses, stalls and extensions will be required in a number of instances. The Acting Superintendent of Buildings is now engaged in an inspection of the quarters of the companies requiring horses, with a view of having the work on stalls commenced at the earliest possible moment.

The following statement shows the condition of the telegraph system in various towns in this borough at the beginning of 1902, and what has been accomplished during the year in the way of rehabilitation.

Newtown

Circuits were in very bad condition, the iron wire badly corroded and running parallel with the Long Island Railroad tracks throughout the town. The route of

circuits has been changed and new insulated No. 10 copper wire run to cover a larger area, thirty-five miles of wire having been required for the purpose.

The gong instruments have been repaired and inspected once a week. The street boxes that were damaged by electric light crosses have been repaired and are working properly. The batteries were in such condition that they required the installation of 150 cells of new battery complete.

Rockaway Beach.

The wires were found to be untied, insulation broken and the system bearing every indication of neglect. The circuits have been rebuilt throughout. These circuits had been constructed on electric light pole lines, and in changing the circuits they have been altered to low tension pole lines.

All the tower strikes have been repaired and inspected twice a week. Slack wire was cut out and six miles of No. 10 B. & S. insulated copper wire used to rebuild circuits.

College Point.

A new circuit from Flushing to College Point has been constructed as a battery station, covering all the area of College Point, and is now ready for boxes. Eight miles of No. 10 B. & S. copper wire were used in the work.

Flushing.

All instruments and boxes that had been damaged by electric crosses have been repaired and are now working satisfactorily. Existing circuits are built of iron wire and in very bad order, running with high tension currents. These circuits are to be rebuilt during the coming year.

Jamaica and Far Rockaway.

Circuits parallel; wire is to be run so as to cover a larger area and reduce the mileage in circuits this year.

It is contemplated in the early part of 1903 to begin the work of installing an up-to-date system of fire alarm telegraphic communication throughout the borough of Queens, the plans and specifications for which are at present under consideration and taking definite shape. The cost of the work will exceed \$25,000.

Report of Medical Officers.

Number of cases of illness.....	376
Number of cases of injury.....	158
Total.....	534
Time lost (number of days for illness).....	3,094
Time lost (number of days for injury).....	2,250
Total.....	5,944

Deaths in the Uniformed Force—

Natural causes.....	13
Killed.....	5
Total.....	18

Deaths among the retired men.....	4
Number of men retired for physical disability.....	6

Physical Examinations.

During the year, in conjunction with the medical officers of the boroughs of Manhattan and The Bronx, Brooklyn and Queens examined all the officers of the entire Department.

All the men, boroughs of Brooklyn and Queens, below the rank of Assistant Foreman, were examined at their quarters.

The physical condition of the force is, at the present time, excellent, the sick list containing but a small number of names.

Total number of officers and men, boroughs of Brooklyn and Queens, examined.....1,135

Total number of officers, boroughs of Manhattan and The Bronx, examined.....238

Retired from All Service After Twenty Years' Service.

Name, Grade and Company.	Date Appointed.	Date Retired.	
William J. Higgins, Engineer Steamer, Engine 151.....	Feb. 9, 1876	Jan. 1, 1902	On application
Hugh Riley, First Grade Fireman, Engine 127.....	Jan. 30, 1882	Feb. 1, 1902	On application
John H. Perry, Deputy Chief, Seventh Division.....	July 15, 1880	April 1, 1902	On application
Joseph H. Bennett, Assistant Foreman, Engine 125.....	Sept. 15, 1869	April 1, 1902	On application
Chas. H. Bixby, Foreman, Hook and Ladder 60.....	Feb. 7, 1876	May 1, 1902	On application
James Lawlor, First Grade Fireman, Engine 103.....	May 1, 1870	May 1, 1902	On application
Charles Shaw, Assistant Foreman, Engine 106.....	May 6, 1874	May 1, 1902	On application
Samuel G. Huestis, Battalion Chief, 23d Battalion.....	Sept. 15, 1869	June 1, 1902	On application
James S. Smith, Foreman, Engine 103.....	Sept. 15, 1869	June 1, 1902	On application
Owen S. Campbell, Foreman, Engine 139.....	April 7, 1877	June 1, 1902	On application
Isaac B. Guischard, Engineer Steamer, Engine 111.....	Sept. 15, 1869	June 1, 1902	On application
William Harris, Foreman, Engine 157.....	April 23, 1872	June 1, 1902	On application
John Dowd, First Grade Fireman, Hook and Ladder 67.....	Sept. 15, 1869	June 16, 1902	On application
John J. Hughes, Assistant Foreman, Hook and Ladder 63.....	Dec. 19, 1872	June 18, 1902	On application
Daniel J. Garrity, Foreman, Engine 102.....	June 20, 1882	July 1, 1902	On application
John S. Carney, Foreman, Hook and Ladder 54.....	Sept. 15, 1869	Aug. 1, 1902	On application
George W. Keighler, Assistant Foreman, Engine 161.....	Jan. 30, 1882	Aug. 1, 1902	On application
James Lahey, Engineer Steamer, Engine 106.....	Mar. 7, 1878	Sept. 1, 1902	On application
Robert Wallace, First Grade Fireman, Engine 136.....	Sept. 15, 1869	Oct. 1, 1902	On application
	Feb. 13, 1882	Nov. 1, 1902	On application

Retired from All Service for Disability.

Name, Grade and Company.	Date Appointed.	Date Retired.	
James Dale, Deputy Chief, in charge of Brooklyn and Queens.....	Sept. 15, 1869	May 1, 1902	
John Mullady, First Grade Fireman, Hook and Ladder Company 65.....	July 1, 1892	May 1, 1902	
James Flannely, Assistant Foreman, Engine Company 104.....	July 1, 1895	May 1, 1902	
Thos. F. Gray, Engineer Steamer, Engine Company 127.....	Sept. 11, 1893	June 16, 1902	
John R. Hanson, First Grade Fireman, Hook and Ladder Company 53.....	Feb. 1, 1896	July 7, 1902	
Wm. A. Young, First Grade Fireman, Hook and Ladder Company 64.....	Dec. 9, 1895	Sept. 1, 1902	
Patrick Harrigan, First Grade Fireman, Hook and Ladder Company 51.....	Aug. 11, 1891	Nov. 1, 1902	

Deaths Among Those Retired from the Service.

Name, Grade and Company.	Date Appointed.	Date Retired.	Cause.	Date of Death.	Cause.
Bartley Gunning, First Grade Fireman, Engine 108.....	Sept. 20, 1869	Aug. 9, 1894	Physical disability	April 20, 1902	Consumption
Bernard Gray, First Grade Fireman, Engine 104.....	July 1, 1874	Dec. 31, 1894	20 years' service	May 22, 1902	Paralysis
James Dale, Deputy Chief, in charge of Brooklyn and Queens.....	Sept. 15, 1869	May 1, 1902	Physical disability	Sept. 20, 1902	Dropsy
John Mullady, First Grade Fireman, Hook and Ladder 65.....	July 1, 1892	May 1, 1902	Physical disability	Nov. 29, 1902	Consumption

Deaths in the Uniformed Force.

Name, Grade and Company.	Date of Appointment.	Date of Death.	Cause.
William F. Dowd, First Grade Fireman, Engine 161.....	Dec. 3, 1888	Jan. 14, 1902	Asphyxiation
Joseph Schmitt, First Grade Fireman, Hook and Ladder 54.....	June 12, 1897	Feb. 17, 1902	Peritonitis
Thomas J. Cooney, First Grade Fireman, Engine 123.....	Dec. 7, 1898	Mar. 19, 1902	Drowned at fire

Alonzo Brymer, Fire Marshal, Headquarters.....	Nov. 1, 1894	May 21, 1902	Cancer
Thos. F. Gorman, First Grade Fireman, Engine 141.....	Mar. 15, 1895	May 22, 1902	Pneumonia
Henry F. Meyer, First Grade Fireman, Engine 146.....	Dec. 9, 1895	May 26, 1902	Heart disease
William F. Dains, Assistant Foreman, Hook and Ladder 65.....	May 20, 1889	June 13, 1902	Phthisis
Michael J. Irwin, First Grade Fireman, Hook and Ladder 55.....	June 12, 1897	July 22, 1902	Phthisis
Frank J. Maguire, Fourth Grade Fireman, Engine 128.....	Mar. 10, 1902	Aug. 31, 1902	Pneumonia
John F. Livingston, First Grade Fireman, Engine 145.....	Dec. 9, 1895	Sept. 7, 1902	Apoplexy
John J. Fee, Battalion Chief, 23d Battalion.....	April 22, 1878	Nov. 25, 1902	Spinal meningitis
James Dawe, First Grade Fireman, Engine 139.....	Mar. 17, 1888	Nov. 29, 1902	Fractured skull at fire
Wm. J. Stumpf, First Grade Fireman, Engine 117.....	Feb. 1, 1895	Dec. 6, 1902	Pneumonia
Wm. H. Shaw, Engineer Steamer, Engine 140.....	Sept. 15, 1869	Dec. 9, 1902	Pneumonia
Thos. J. McGinniss, Engineer Steamer, Engine 139.....	Sept. 11, 1883	Dec. 21, 1902	Cancer
Thos. S. Coppinger, Battalion Chief, 23d Battalion.....	Mar. 17, 1888	Dec. 26, 1902	Fractured skull at fire
William F. Jeffrey, Assistant Foreman, Engine 126.....	Mar. 15, 1888	Dec. 26, 1902	Fractured skull at fire
Michael J. O'Toole, Fourth Grade Fireman, Hook and Ladder 55.....	June 19, 1902	Dec. 26, 1902	Fractured skull at fire

Register of Officers of the Uniformed Force in Active Service on December 31, 1902

Name.	Original Grade.	Appointment Date.	Promotions Grades.	Dates.
Deputy Chiefs of Department.				
James F. Murray.....	Fireman	Sept. 1, 1878	Foreman.....	Oct. 22, 1881
			Assistant Chief.....	Mar. 27, 1894
			Deputy Chief of Department.....	Jan. 28, 1898
			Deputy Chief of Department in charge of boroughs of Brooklyn and Queens.....	Nov. 15, 1902
Samuel Duff.....	Fireman	Sept. 15, 1869	(a) Foreman.....	Dec. 31, 1869
	Foreman	Sept. 15, 1879	District Engineer.....	Dec. 1, 1887
			Chief of Battalion.....	Jan. 28, 1898
			Deputy Chief of Department.....	Sept. 3, 1898
Thomas Lally.....	Fireman	Aug. 15, 1870	Assistant Foreman.....	April 21, 1873
			Foreman.....	Nov. 1, 1881
			Chief of Battalion.....	May 1, 1884
			Deputy Chief of Department.....	Sept. 18, 1900
Chiefs of Battalion.				
1. Frank J. Duffy.....	Fireman	July 7, 1880	Assistant Foreman.....	July 1, 1889
			Foreman.....	April 27, 1892
			Chief of Battalion.....	July 1, 1899
2. James Cummings.....	Fireman	April 2, 1885	Assistant Foreman.....	June 1, 1891
			Foreman.....	Jan. 15, 1894
			Chief of Battalion.....	Sept. 18, 1900
3. James Cunningham.....	Foreman	Sept. 15, 1869	District Engineer.....	Feb. 7, 1876
			Chief of Battalion.....	Jan. 28, 1898
4. James Maguire.....	Fireman	Dec. 19, 1872	Foreman.....	May 1, 1874
			District Engineer.....	July 18, 1892
			Chief of Battalion.....	Jan. 28, 1898
5. William McCarthy.....	Fireman	June 9, 1873	Foreman.....	July 1, 1885
			District Engineer.....	July 18, 1892
			Chief of Battalion.....	Jan. 28, 1898
6. John F. Dobson.....	Fireman	Jan. 7, 1876	Foreman.....	Dec. 15, 1880
			District Engineer.....	Mar. 1, 1896
			Chief of Battalion.....	Jan. 28, 1898
7. Dennis McGroarty.....	Fireman	Sept. 15, 1869	Foreman.....	July 10, 1872
			District Engineer.....	July 1, 1885
			Chief of Battalion.....	Jan. 28, 1898
8. John O'Hara.....	Fireman	Jan. 30, 1882	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	July 1, 1889
			District Engineer.....	Dec. 6, 1897
			Chief of Battalion.....	Jan. 28, 1898
9. John J. Dooley.....	Fireman	Oct. 1, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	July 1, 1889
			Chief of Battalion.....	July 21, 1902
10. James Kellock.....	Fireman	Feb. 2, 1871	Foreman.....	July 1, 1885
			District Engineer.....	Jan. 20, 1896
			Chief of Battalion.....	Jan. 28, 1898
11. David Kirkpatrick.....	Fireman	Feb. 18, 1879	Foreman.....	Oct. 6, 1880
			District Engineer.....	Oct. 1, 1895
			Chief of Battalion.....	Jan. 28, 1898
12. David S. Thomas.....	Fireman	Jan. 1, 1878	Assistant Foreman.....	July 1, 1889
			Foreman.....	July 1, 1895
			District Engineer.....	Dec. 15, 1897
			Chief of Battalion.....	Jan. 28, 1898
13. Frederick J. Snow.....	Fireman	Nov. 10, 1891	Assistant Foreman.....	Feb. 13, 1892
			Foreman.....	Jan. 15, 1894
			District Engineer.....	Dec. 6, 1897
			Chief of Battalion.....	Jan. 28, 1898
14. William C. Clark.....	Fireman	Aug. 18, 1884	Assistant Foreman.....	Jan. 5, 1893
			Foreman.....	Dec. 1, 1897
			Chief of Battalion.....	July 21, 1902
15. Edward J. Norton.....	Fireman	Feb. 18, 1879	Assistant Foreman.....	July 1, 1889
			Foreman.....	June 1, 1891
			District Engineer.....	Dec. 6, 1897
			Chief of Battalion.....	Jan. 28, 1898
16. Thomas A. Kenny.....	Fireman	Aug. 4, 1876	Assistant Foreman.....	July 10, 1879
			Foreman.....	Feb. 1, 1885
			Chief of Battalion.....	July 2, 1898
17. Patrick Nevins.....(b)	Fireman	July 1, 1875	Superintendent of Repair Shops.....	May 4, 1891
18. Edward H. Heard.....	Engineer	April 17, 1882	Chief of Battalion.....	April 1, 1899
19. John Murphy.....	Inspector	April 1, 1886	Chief of Battalion.....	April 1, 1899
		July 15, 1880	Superintendent of Supplies.....	April 30, 1884
			District Engineer.....	April 1, 1896
			Chief of Battalion.....	Feb. 11, 1900
Foremen.				
1. James Connors.....	Fireman	Sept. 15, 1869	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	June 9, 1891
2. Samuel Allcorn.....	Fireman	Sept. 13, 1883	Assistant Foreman.....	June 1, 1895
			Foreman.....	April 1, 1897
3. John J. Maguire.....	Fireman	Nov. 1, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	Oct. 10, 1892
4. James Roberts.....	Fireman	April 22, 1878	Assistant Foreman.....	Jan. 1, 1886
5. Edward F. Conroy.....	Fireman	April 22, 1878	Assistant Foreman.....	July 1, 1899
			Foreman.....	Mar. 12, 1892
6. Alexis R. Lavigne.....	Fireman	Sept. 17, 1883	Assistant Foreman.....	Feb. 8, 1894
			Foreman.....	Dec. 1, 1896
7. Thomas J. Nash.....	Fireman	June 15, 1887	Assistant Foreman.....	Feb. 13, 1892
			Foreman.....	Dec. 1, 1896
8. Patrick H. Travers.....	Fireman	Dec. 10, 1872	Engineer.....	April 1, 1882
			Assistant Foreman.....	Dec. 12, 1892
			Foreman.....	Dec. 1, 1896
9. James Brennan.....	Fireman	Sept. 15, 1869	Assistant Foreman.....	July 1, 1889
			Foreman.....	July 1, 1891
10. Thomas Cleary.....	Fireman	Jan. 12, 1882	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	June 1, 1891
11. Michael McGinniss.....	Fireman	April 1, 1881	Assistant Foreman.....	July 1, 1889
			Foreman.....	June 1, 1891
12. Edward Fitzgerald.....	Fireman	Sept. 15, 1869	Assistant Foreman.....	Aug. 6, 1886
13. Pat. F. McGinniss.....	Fireman	Aug. 15, 1870	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	July 1, 1889
14. Jos. J. McCormick.....	Fireman	June 16, 1871	Assistant Foreman.....	July 1, 1885
15. Hugh Gallagher.....	Fireman	Nov. 30, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman.....	July 1, 1889
16. Emmet Soden.....	Fireman	Sept. 15, 1883	Assistant Foreman.....	June 1, 1891
			Foreman.....	Jan. 25, 1894
17. Patrick McGuire.....	Fireman	June 11, 1883	Assistant Foreman.....	Jan. 15, 1894
			Foreman.....	Sept. 5, 1885
18. Thomas Healy.....	Fireman	Dec. 7, 1870	Assistant Foreman.....	Mar. 1, 1887
19. William C. Rogers.....	Fireman	June 15, 1885	Assistant Foreman.....	Dec. 9, 1895
			Foreman.....	Mar. 1, 1887
20. Edward Dougherty.....	Fireman	April 11, 1871	Assistant Foreman.....	Dec. 1, 1891
			Foreman.....	Aug. 5, 1886
21. Patrick Lahey.....	Foreman	Sept. 15, 1869	Assistant Foreman.....	Jan. 15, 1894
22. Michael Murray.....	Fireman	Jan. 20, 1872	Assistant Foreman.....	Dec. 1, 1896
23. Bernard A. Matschke.....	Fireman	April 1, 1890	Assistant Foreman.....	June 1, 1891
			Foreman.....	Jan. 15, 1894
24. John J. Ennis.....	Fireman	Jan. 24, 1887	Assistant Foreman.....	Feb. 13, 1892
			Foreman.....	Dec. 9, 1895
25. Marcus Fitzgerald.....	Fireman	Jan. 18, 1882	Assistant Foreman.....	Dec. 9, 1895
			Foreman.....	May 29, 1880
26. Peter W. Birk.....(c)	Inspector of Buildings	May 5, 1874	Inspector of Buildings	Sept. 15, 1879
			Foreman.....	Oct. 13, 1888

(a) Dismissed March 5, 1878; reinstated September 15, 1879.

(b) Resigned as Fireman, April 17, 1882; reappointed Engineer April 17, 1882.

(c) Dismissed January 21, 1878; reappointed September 15, 1879; dismissed July 13, 1880; reinstated October 13, 1888.

Name.	Original Appointment-Grade.	Date.	Grades.	Promotions	Dates.	Name.	Original Appointment-Grade.	Date.	Grades.	Promotions	Dates.
27. John R. Braisted..	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	Mar. 1, 1895	3. William H. Dennin	Fireman	Oct. 1, 1883	Assistant Foreman	Foreman	Jan. 15, 1894
28. John Hogarth....	Fireman	Feb. 16, 1887	Assistant Foreman	Foreman	Dec. 1, 1896	4. John Friel.....	Fireman	Sept. 15, 1869	Assistant Foreman	Foreman	Dec. 1, 1896
29. Thomas F. Harrington	Fireman	Jan. 2, 1889	Assistant Foreman	Foreman	June 1, 1891	5. George Gibson....	Fireman	Feb. 11, 1891	Assistant Foreman	Foreman	Dec. 15, 1897
30. Henry Wackerman..	Fireman	Feb. 3, 1887	Assistant Foreman	Foreman	Jan. 20, 1896	6. Thomas F. Kain....	Fireman	Jan. 12, 1882	Assistant Foreman	Foreman	Jan. 20, 1896
31. Geo. H. Fletcher..	Fireman	Feb. 1, 1884	Assistant Foreman	Foreman	Jan. 15, 1894	7. John O'Brien.....	Fireman	Jan. 1, 1878	Assistant Foreman	Foreman	Feb. 11, 1890
32. John J. Callaghan..	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	Jan. 15, 1894	8. Cornelius G. Fagan.	Fireman	Oct. 29, 1890	Assistant Foreman	Foreman	Jan. 15, 1894
33. Charles D. Ruddy..	Fireman	Dec. 19, 1872	Assistant Foreman	Foreman	Jan. 15, 1897	9. John Matthews....	Fireman	Oct. 29, 1890	Assistant Foreman	Foreman	Jan. 15, 1894
34. Michael Marks....	Fireman	Jan. 2, 1889	Assistant Foreman	Foreman	June 1, 1891	10. Patrick Hoynes....	Fireman	July 13, 1880	Assistant Foreman	Foreman	Dec. 15, 1897
35. Charles E. Rikel..	Fireman	April 7, 1885	Assistant Foreman	Foreman	Jan. 15, 1894	11. John Gorman.....	Fireman	Nov. 15, 1881	Assistant Foreman	Foreman	Mar. 1, 1887
36. Edwin A. Thompson	Fireman	Feb. 11, 1891	Assistant Foreman	Foreman	Dec. 4, 1894	12. Abraham L. Turner	Fireman	Jan. 23, 1882	Assistant Foreman	Foreman	Dec. 15, 1897
37. Andrew W. Beith..	Fireman	April 7, 1885	Assistant Foreman	Foreman	Dec. 1, 1895	13. John W. Smith, Jr.	Fireman	July 1, 1892	Assistant Foreman	Foreman	Dec. 15, 1897
38. Dennis J. McKinney	Fireman	June 15, 1885	Assistant Foreman	Foreman	Dec. 15, 1897	14. William C. Lloyd..	Fireman	Feb. 3, 1887	Assistant Foreman	Foreman	Dec. 15, 1897
39. Charles F. Connolly	Fireman	Jan. 2, 1889	Assistant Foreman	Foreman	Jan. 15, 1894	15. Wm. H. Berdan..(h)	Fireman	Sept. 9, 1892	Assistant Foreman	Foreman	Dec. 15, 1897
40. Charles E. Costello.	Fireman	April 1, 1885	Assistant Foreman	Foreman	Dec. 15, 1897	16. James S. Pryor....	Fireman	April 17, 1882	Assistant Foreman	Foreman	Dec. 1, 1895
41. George Rogers....	Fireman	June 15, 1885	Assistant Foreman	Foreman	Jan. 1, 1887	17. Frederick J. Wohl-	Fireman	Feb. 17, 1887	Assistant Foreman	Foreman	Jan. 15, 1894
42. Edward Eichhorn..	Fireman	Jan. 31, 1882	Assistant Foreman	Foreman	Jan. 15, 1894	18. John S. Gillespie..	Fireman	Aug. 28, 1882	Assistant Foreman	Foreman	Feb. 1, 1896
43. Robert Reardon..(d)	Fireman	Nov. 30, 1886	Assistant Foreman	Foreman	Oct. 10, 1892	19. Owen Savage....	Fireman	Mar. 7, 1888	Assistant Foreman	Foreman	Jan. 15, 1894
44. Lester A. Roberts..	Fireman	April 1, 1885	Assistant Foreman	Foreman	Dec. 1, 1896	20. Bryan Rourke....	Fireman	Sept. 11, 1893	Assistant Foreman	Foreman	Dec. 15, 1897
45. Francis H. Molloy..	Fireman	Dec. 28, 1876	Assistant Foreman	Foreman	Dec. 9, 1895	21. Eugene O. Pownall.	Fireman	July 18, 1871	Assistant Foreman	Foreman	Jan. 15, 1894
46. William H. Brown..	Fireman	June 15, 1887	Assistant Foreman	Foreman	Dec. 15, 1897	22. William Dougherty.	Fireman	April 1, 1890	Assistant Foreman	Foreman	Feb. 1, 1890
47. Henry B. Burtis..	Fireman	Oct. 1, 1887	Assistant Foreman	Foreman	Oct. 1, 1893	23. Michael Heffernan.	Fireman	Dec. 3, 1888	Assistant Foreman	Foreman	Dec. 15, 1897
48. Michael Friel.....	Fireman	Oct. 11, 1871	Assistant Foreman	Foreman	Dec. 12, 1896	24. Henry W. Maloney	Fireman	Feb. 18, 1879	Assistant Foreman	Foreman	July 15, 1895
49. John Fitzgerald....	Fireman	Jan. 1, 1881	Assistant Foreman	Foreman	Dec. 1, 1896	25. James H. Byrne...	Fireman	June 15, 1885	Assistant Foreman	Foreman	Dec. 15, 1897
50. Martin F. Brady....	Fireman	Jan. 18, 1882	Assistant Foreman	Foreman	Mar. 1, 1887	26. William J. Hamil-	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	Feb. 1, 1896
51. Peter Campbell....	Fireman	Sept. 15, 1869	Assistant Foreman	Foreman	Oct. 10, 1892	27. Leonard R. Rhodes	Fireman	April 17, 1893	Assistant Foreman	Foreman	Dec. 15, 1897
52. Michael Quinn....(e)	Fireman	Dec. 23, 1869	Assistant Foreman	Foreman	July 1, 1893	28. Charles F. Way...	Fireman	Jan. 30, 1882	Assistant Foreman	Foreman	Dec. 12, 1894
53. Frank L. Woods..	Fireman	June 15, 1885	Assistant Foreman	Foreman	Dec. 1, 1896	29. Christopher F. Shaw	Fireman	Feb. 11, 1891	Assistant Foreman	Foreman	Feb. 1, 1895
54. Alex. J. Sheridan..	Fireman	July 1, 1885	Assistant Foreman	Foreman	Oct. 10, 1892	30. Daniel E. Kain....	Fireman	Oct. 14, 1890	Assistant Foreman	Foreman	Dec. 15, 1897
55. James L. Haviland.	Fireman	Feb. 7, 1876	Assistant Foreman	Foreman	Oct. 1, 1895	31. Jerome R. Johnson.	Fireman	Jan. 30, 1882	Assistant Foreman	Foreman	Dec. 15, 1897
56. Michael J. Nagle..	Engineer	June 1, 1892	Assistant Foreman	Foreman	July 1, 1895	32. Charles Freudel...	Fireman	April 1, 1885	Assistant Foreman	Foreman	Jan. 15, 1894
57. Patrick J. Hughes..	Driver	Feb. 12, 1891	Assistant Foreman	Foreman	Dec. 15, 1897	33. John G. Tilly....	Fireman	Jan. 2, 1889	Assistant Foreman	Foreman	Dec. 15, 1897
58. Robert B. McPhail	Driver	Feb. 12, 1891	Assistant Foreman	Foreman	Jan. 1, 1893	34. William S. Lyon..	Fireman	Mar. 19, 1888	Assistant Foreman	Foreman	Dec. 15, 1897
59. George L. Brown..	Driver	Feb. 12, 1891	Assistant Foreman	Foreman	Dec. 9, 1895	35. John Fitzsimmons.	Fireman	April 1, 1892	Assistant Foreman	Foreman	July 1, 1895
60. Benjamin Z. Boyd..	Driver	Mar. 1, 1892	Assistant Foreman	Foreman	Dec. 15, 1897	36. Russell G. Gardner.	Fireman	April 2, 1885	Assistant Foreman	Foreman	Dec. 15, 1897
61. Michael J. Cannon.	Fireman	Feb. 12, 1891	Assistant Foreman	Foreman	Dec. 9, 1895	37. Fred. W. Garvin...	Fireman	April 1, 1885	Assistant Foreman	Foreman	Jan. 20, 1897
62. John J. Slattery..	Fireman	Feb. 12, 1891	Assistant Foreman	Foreman	Dec. 10, 1896	38. William McCleary..	Fireman	Sept. 11, 1893	Assistant Foreman	Foreman	Dec. 15, 1897
63. George H. Smythe..(f)	Fireman	June 11, 1894	Assistant Foreman	Foreman	Jan. 15, 1894	39. James B. Campbell.	Fireman	April 1, 1892	Assistant Foreman	Foreman	Jan. 20, 1896
64. Thomas McKeon..	Driver	July 7, 1890	Assistant Foreman	Foreman	Dec. 1, 1896	40. Charles Heath, Jr.	Fireman	Sept. 1, 1885	Assistant Foreman	Foreman	Dec. 15, 1897
65. William H. Holmes	Fireman	Jan. 1, 1883	Assistant Foreman	Foreman	Dec. 13, 1892	41. Alexander Johnson.	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	Aug. 1, 1897
66. Charles H. Furey..	Fireman	Nov. 16, 1891	Assistant Foreman	Foreman	Dec. 15, 1897	42. Albert W. Snow...	Fireman	June 15, 1885	Assistant Foreman	Foreman	Dec. 15, 1897
67. John Clunie.....	Fireman	July 21, 1890	Assistant Foreman	Foreman	Jan. 1, 1887	43. James J. Collins...	Fireman	April 1, 1892	Assistant Foreman	Foreman	April 1, 1897
68. Wm. J. Stapleton..	Fireman	Jan. 28, 1882	Assistant Foreman	Foreman	Aug. 6, 1886	44. John H. Gordon...	Fireman	Mar. 21, 1888	Assistant Foreman	Foreman	Dec. 15, 1897
69. John F. Scanlon..	Fireman	July 1, 1892	Assistant Foreman	Foreman	Mar. 1, 1887	45. Edward E. Smith..	Fireman	April 1, 1881	Assistant Foreman	Foreman	Dec. 15, 1897
70. Patrick J. Golden..	Fireman	June 1, 1889	Assistant Foreman	Foreman	Feb. 11, 1890	46. James McKenna....	Fireman	Sept. 16, 1869	Assistant Foreman	Foreman	Feb. 1, 1896
71. Eugene J. McKenna	Fireman	Nov. 16, 1891	Assistant Foreman	Foreman	Aug. 11, 1890	47. Joseph Kennedy....	Fireman	Aug. 1, 1889	Assistant Foreman	Foreman	June 1, 1890
72. John J. Donohue..	Fireman	July 15, 1889	Assistant Foreman	Foreman	Dec. 9, 1895	48. Henry T. Geiger...	Fireman	Jan. 11, 1893	Assistant Foreman	Foreman	April 1, 1897
73. Henry W. Riecken-	Fireman	Nov. 16, 1891	Assistant Foreman	Foreman	Mar. 20, 1883	49. Charles E. Field...	Fireman	Nov. 17, 1890	Assistant Foreman	Foreman	Jan. 20, 1896
74. Thos. F. O'Connor.	Fireman	July 15, 1889	Assistant Foreman	Foreman	Sept. 25, 1872	50. George F. McGeary	Fireman	July 17, 1891	Assistant Foreman	Foreman	Dec. 1, 1896
75. James Reilly.....	Fireman	June 15, 1885	Assistant Foreman	Foreman	Dec. 9, 1895	51. John M. Ryan....	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	Dec. 1, 1895
76. John T. Farrell...	Fireman	Feb. 11, 1887	Assistant Foreman	Foreman	Dec. 15, 1897	52. Andrew Tennent..(i)	Engineer	Sept. 15, 1869	Assistant Foreman	Foreman	Dec. 15, 1897
77. Martin J. Smith..	Fireman	April 16, 1890	Assistant Foreman	Foreman	Dec. 15, 1897	53. Charles E. Brown..	Fireman	Jan. 1, 1888	Assistant Foreman	Foreman	Dec. 15, 1897
78. Henry P. Kirk....	Fireman	Sept. 11, 1893	Assistant Foreman	Foreman	Dec. 15, 1897	54. John H. Travers...	Fireman	Jan. 11, 1893	Assistant Foreman	Foreman	Dec. 15, 1897
79. James Langan....	Fireman	Oct. 14, 1887	Assistant Foreman	Foreman	Jan. 15, 1894	55. John J. Deegan...	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	May 1, 1899
80. Thomas J. McCue..	Fireman	Sept. 6, 1887	Assistant Foreman	Foreman	Jan. 15, 1894	56. Quincy J. Kraft...	Fireman	Jan. 2, 1889	Assistant Foreman	Foreman	Aug. 1, 1900
81. James J. Ryan...(g)	Fireman	Mar. 21, 1888	Assistant Foreman	Foreman	Nov. 30, 1897	57. Patrick Murray...	Fireman	Mar. 8, 1888	Assistant Foreman	Foreman	Mar. 1, 1900
82. John J. McGronen.	Fireman	April 1, 1890	Assistant Foreman	Foreman	Nov. 30, 1897	58. Wm. J. McCarthy..	Fireman	June 7, 1886	Assistant Foreman	Foreman	Aug. 1, 1894
83. Edward J. Doyle..	Fireman	Jan. 11, 1893	Assistant Foreman	Foreman	Nov. 30, 1897	59. David O'Keefe....	Fireman	Mar. 21, 1888	Assistant Foreman	Foreman	Oct. 1, 1900
84. Patrick J. Kelly...	Fireman	Sept. 1, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	60. John J. Cashman...	Fireman	Jan. 11, 1893	Assistant Foreman	Foreman	Sept. 1, 1900
85. George F. Harrigan	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	61. James W. Byrnes..	Fireman	April 1, 1892	Assistant Foreman	Foreman	Feb. 1, 1895
86. Edward Karcher...	Fireman	June 15, 1885	Assistant Foreman	Foreman	Nov. 30, 1897	62. Patrick Toman....	Fireman	Mar. 12, 1891	Assistant Foreman	Foreman	Sept. 1, 1900
87. Bernard L. Storp..	Fireman	Jan. 21, 1884	Assistant Foreman	Foreman	Nov. 30, 1897	63. John J. Shannon...	Fireman	Mar. 12, 1891	Assistant Foreman	Foreman	Sept. 1, 1900
88. Clatus Burke.....	Fireman	July 17, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	64. Maurice Foley....	Fireman	April 16, 1890	Assistant Foreman	Foreman	Dec. 24, 1897
89. Christopher S. Leavy	Fireman	May 3, 1871	Assistant Foreman	Foreman	Nov. 30, 1897	65. James F. Friel...	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Oct. 1, 1900
90. Henry Platt.....	Fireman	April 2, 1885	Assistant Foreman	Foreman	Nov. 30, 1897	66. John B. Donovan..	Fireman	Dec. 15, 1885	Assistant Foreman	Foreman	May 1, 1899
91. Cornelius Cunning-	Fireman	Oct. 7, 1886	Assistant Foreman	Foreman	Nov. 30, 1897	67. John H. Kelly....	Fireman	April 15, 1895	Assistant Foreman	Foreman	Oct. 1, 1900
92. David H. Mc-	Fireman	May 1, 1883	Assistant Foreman	Foreman	Nov. 30, 1897	68. Richmond J. Trapp.	Fireman	July 15, 1889	Assistant Foreman	Foreman	Oct. 1, 1900
93. Louis T. Hauck...	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	69. George W. Pratt...	Fireman	Mar. 12, 1891	Assistant Foreman	Foreman	Oct. 1, 1900
94. George Lampert...	Fireman	June 15, 1889	Assistant Foreman	Foreman	Nov. 30, 1897	70. Richard S. Wood...	Fireman	Nov. 16, 1891	Assistant Foreman	Foreman	Oct. 1, 1900
95. Francis C. Spil-	Fireman	Feb. 18, 1884	Assistant Foreman	Foreman	Nov. 30, 1897	71. Daniel J. Cahill...	Fireman	June 15, 1887	Assistant Foreman	Foreman	Oct. 1, 1900
96. Patrick Maher, No.	Fireman	June 7, 1886	Assistant Foreman	Foreman	Nov. 30, 1897	72. Thos. F. Brierton.	Fireman	July 1, 1895	Assistant Foreman	Foreman	Oct. 2, 1900
97. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	73. John W. Jennings.	Fireman	April 1, 1892	Assistant Foreman	Foreman	Oct. 2, 1900
98. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	74. James Whalen....	Fireman	April 1, 1890	Assistant Foreman	Foreman	Oct. 2, 1900
99. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	75. Francis J. Quayle..	Fireman	Dec. 3, 1888	Assistant Foreman	Foreman	Feb. 16, 1891
100. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	76. Henry Carlin.....	Fireman	July 15, 1889	Assistant Foreman	Foreman	Oct. 2, 1900
101. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	77. Patrick D. Lafferty.	Fireman	Mar. 20, 1889	Assistant Foreman	Foreman	Oct. 7, 1900
102. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	78. John J. Conroy...	Fireman	Dec. 15, 1883	Assistant Foreman	Foreman	Oct. 7, 1900
103. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	79. Lawrence J. Reilly.	Fireman	May 10, 1871	Assistant Foreman	Foreman	Nov. 19, 1889
104. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	80. William B. Nerney.	Fireman	Jan. 1, 1888	Assistant Foreman	Foreman	June 8, 1901
105. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	81. Patrick J. Crosby..	Fireman	Jan. 11, 1893	Assistant Foreman	Foreman	June 8, 1901
106. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	82. Henry A. Mape...	Fireman	Jan. 28, 1882	Assistant Foreman	Foreman	June 8, 1901
107. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	83. John W. Hall....	Fireman	Feb. 1, 1895	Assistant Foreman	Foreman	June 8, 1901
108. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	84. Charles J. Mc-	Fireman	May 20, 1889	Assistant Foreman	Foreman	Dec. 24, 1897
109. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	85. Wm. H. D. O'Lier.	Fireman	April 1, 1890	Assistant Foreman	Foreman	Dec. 1, 1901
110. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	86. William Scheibel..	Fireman	Nov. 16, 1891	Assistant Foreman	Foreman	Dec. 1, 1901
111. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	87. William F. Canning	Fireman	April 2, 1885	Assistant Foreman	Foreman	Dec. 1, 1901
112. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	88. James Riley....	Fireman	Sept. 15, 1899	Assistant Foreman	Foreman	Aug. 10, 1895
113. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	89. William J. Walsh..	Fireman	May 1, 1892	Assistant Foreman	Foreman	July 21, 1902
114. Michael F. Judge.	Fireman	June 15, 1887	Assistant Foreman	Foreman	Nov. 30, 1897	90. Gerhardt E. Weber.	Fireman	July 1, 1894	Assistant Foreman	Foreman	July 21, 1902
115. William E. Collins.	Fireman	Aug. 11, 1891	Assistant Foreman	Foreman	Nov. 30, 1897	91. Samuel Roxbury...	Fireman				

Operations Under the Laws Regulating the Storage of Combustibles and Explosive Materials, Etc.

Complaints of Violations, Etc.	Pending, Dec. 31, 1901	Received Since.	Total to Be Disposed of.	Disposition.						Now Pending.
				Compiled on Notice.	Unfounded.	Penalties Collected.	Penalties Remitted.	Prosecution Recommended.	Total.	
Selling kerosene oil without license.....	413	413	374	29	...	...	...	4	407	6
Chimney fires.....	2	220	222	...	...	95	59	16	170	52
Hoistways found open after conclusion of business.....	2	2	2	...	...	...	...	...	2	2
Combustible material in excessive quantity.....	2	2	2	...	...	...	...	...	2	...
Fireworks, chemicals, matches, etc., kept without permit.....	276	276	242	27	...	...	...	...	269	7
Powder, etc., improperly stored, transported, etc.....	1	1	1	...	...	...	...	...	1	...
Hay, straw, cotton, rags and other vegetable fibre stored in excessive quantity.....	3	3	3	...	...	...	...	...	3	...
Total.....	2	917	919	622	56	95	59	20	852	67

Special surveys made to determine the fitness of premises for the storage of combustibles or explosive material, 1,723; special surveys of places of amusement, 55; samples of kerosene oil collected and tested, 460.

WILLIAM A. HERVEY,
Assistant Inspector of Combustibles.

REPORT OF BUREAU OF FIRE MARSHAL.

Hon. THOMAS STURGIS, Fire Commissioner:

Sir—I have the honor to transmit herewith the annual report of the Bureau of Fire Marshal for the boroughs of Brooklyn and Queens for the year ending December 31, 1902.

The attention of the Commissioner is called to the increase of the number of fires and to the decreased cost of inspecting same.

The large area of ground covered by this Bureau makes it exceedingly difficult to secure evidence which would warrant criminal proceedings against those persons whom we have had reason to suspect of the crime of arson. However, arrangements are being completed whereby the hearty co-operation of the Police Department will be given to this Bureau and in the near future the results of this co-operation will be shown.

The records of this Bureau could be simplified and improved by adopting a "Card Index" system, the details of which I would be pleased to submit should you desire it.

Attached hereto are the data of the year's work, which I trust will meet with your approval.

Respectfully,
W. L. BEERS,

Assistant Fire Marshal in Charge Boroughs of Brooklyn and Queens.
Number of Fires, Year 1902.

Month.	Fires.	Month.	Fires.
January.....	291	September.....	166
February.....	258	October.....	204
March.....	259	November.....	219
April.....	226	December.....	272
May.....	269	Total.....	2,861
June.....	260	False alarms.....	230
July.....	228		
August.....	208	Total.....	3,091

Number of False Alarms, Year 1902.

Month.	False Alarms.	Month.	False Alarms.
January.....	21	August.....	16
February.....	20	September.....	15
March.....	16	October.....	18
April.....	27	November.....	21
May.....	19	December.....	18
June.....	18	Total.....	230
July.....	21		

Estimated Loss, Insured and Uninsured, Year 1902.

1902.	Loss on Buildings and Vessels.	Losses on Contents.	Total Loss.
January.....	\$45,636 00	\$64,635 00	\$110,271 00
February.....	157,746 00	291,447 00	449,193 00
March.....	40,286 00	39,579 00	79,865 00
April.....	82,242 00	85,727 00	167,969 00
May.....	132,136 00	184,532 00	316,668 00
June.....	139,519 00	96,799 00	236,318 00
July.....	28,392 00	32,058 00	60,450 00
August.....	40,038 00	29,187 00	69,225 00
September.....	16,778 00	16,427 00	33,205 00
October.....	29,172 00	42,159 00	71,331 00
November.....	36,109 00	58,926 00	95,035 00
December.....	256,041 00	542,009 00	798,050 00
Total.....	\$1,004,095 00	\$1,483,485 00	\$2,487,580 00

Estimated Insurance, Year 1902.

1902	Insurance on Buildings and Vessels.	Insurance on Contents.	Total.
January.....	\$1,422,775 00	\$974,625 00	\$2,397,400 00
February.....	1,746,400 00	916,850 00	2,663,250 00
March.....	974,700 00	376,825 00	1,351,525 00
April.....	1,462,130 00	2,179,930 00	3,642,060 00
May.....	1,391,750 00	1,350,475 00	2,742,225 00
June.....	1,437,800 00	704,725 00	2,142,525 00
July.....	1,337,525 00	683,200 00	2,020,725 00
August.....	1,328,500 00	395,250 00	1,723,750 00
September.....	675,650 00	209,050 00	884,700 00
October.....	1,250,900 00	343,700 00	1,594,600 00
November.....	1,449,800 00	524,230 00	1,974,030 00
December.....	1,494,950 00	1,116,250 00	2,611,200 00
Total.....	\$15,972,880 00	\$9,775,110 00	\$25,747,990 00

Estimated Uninsured Loss, Year 1902.

1902	Uninsured Losses on Buildings and Vessels.	Uninsured Losses on Contents.	Total.
January.....	\$1,755 00	\$12,230 00	\$13,985 00
February.....	2,070 00	14,094 00	16,164 00
March.....	715 00	1,558 00	2,273 00
April.....	1,143 00	2,390 00	3,533 00
May.....	1,842 00	13,930 00	15,772 00
June.....	45,150 00	109,765 00	154,915 00
July.....	2,952 00	2,535 00	5,487 00
August.....	1,910 00	480 00	2,390 00
September.....	1,010 00	2,527 00	3,537 00
October.....	1,080 00	1,135 00	2,215 00
November.....	101,780 00	715 00	102,495 00
December.....	1,020 00	3,360 00	4,380 00
Total.....	\$162,427 00	\$164,719 00	\$327,146 00

Causes and Estimated Losses by Fire for the Year Ending December 31, 1902, Boroughs of Brooklyn and Queens.

Causes.	Fires.	Loss.
Alcohol, tar, pitch, gum, oils, paint, varnish, etc., igniting on stoves, furnaces, over gas lights, etc.....	23	\$7,480 00
Ashes (hot) igniting woodwork, etc.....	45	28,641 00
Bonfires (sparks from).....	175	41,625 00
Chimneys, fireplaces, flues (defective), grates, etc., heat from, etc.....	413	85,326 00
Calcium lights.....	1	.....
Candles and tapers.....	67	23,339 00
Children playing with fire, matches, etc.....	105	13,956 00
Cigars, cigarettes, pipes, etc. (smoking of).....	131	26,176 00
Chemicals, etc. (igniting and explosion of).....	11	1,000 00
Electric lights, wires, etc. (sparks from or defective).....	93	167,800 00
Electricity (applied to machinery).....	21	1,170 00
Explosion of turpentine on stove.....	1	107,400 00
Explosion of coal gas.....	1	.....
Explosion of lampblack.....	1	.....
Fireworks.....	35	7,112 00
Friction of machinery.....	5	16,886 00
Fumigating (rooms, etc.) with sulphur, etc.....	5	820 00
Gas stoves.....	27	8,045 00
Gas (explosion of and escaping).....	44	9,246 00
Gaslights, igniting merchandise in stores, show windows, woodwork, etc.....	91	19,272 00
Gaspipes (defective).....	7	1,248 00
Inflammable material, mixtures, etc. (igniting).....	11	2,187 00
Incendiarism.....	7	3,295 00
Kerosene oil (used in starting stove fires).....	24	1,977 00
Kerosene oil (accidentally spilled over woodwork and ignited).....	11	2,490 00
Lamps, kerosene, gasoline, etc. (explosion of).....	75	14,616 00
Lamps, kerosene, gasoline, etc. (falling, breaking, upsetting, etc.).....	50	27,212 00
Lamps, alcoholic, naphtha, etc. (falling, breaking, upsetting, etc.).....	65	44,333 00
Lightning, striking wooden structures and igniting same.....	8	10,950 00
Lime (slaking of).....	5	2,135 00
Matches, igniting awnings, bedding, clothing, rubbish, straw, woodwork, etc.....	620	613,346 00
Matches gnawed by rats or mice.....	73	39,215 00
Meats, fat, glue, etc. (igniting on stove).....	21	7,110 00
Metals (hot) igniting woodwork, merchandise, etc.....	2	1,100 00
Not ascertained.....	28	424,713 00
Naphtha, benzine or vapor igniting.....	1	451 00
Phosphorus, sulphur, etc., igniting.....	2	2,950 00
Rekindling of previous fires.....	21	375 00
Sparks from chimneys, stoves, stovepipes, etc., igniting clothing, woodwork, etc.....	33	2,805 00
Sparks from other fires.....	5	205 00
Sparks from locomotives, engines, etc.....	67	42,032 00
Steam pipes igniting beams or other woodwork.....	8	22,110 00
Stoves, boilers, furnaces, stovepipes, heater pipes, etc., igniting bedding, clothing, shavings and woodwork.....	128	39,013 00
Stoves, furnaces, grates, etc. (hot coals falling from).....	14	1,075 00
Stoves, kerosene and gasoline, etc., exploding.....	53	84,355 00
Stoves, kerosene and gasoline, etc., falling and upsetting.....	43	1,078 00
Spontaneous combustion of oily rags, etc.....	80	485,799 00
Thawing water and gas pipes with candles, lighted papers, torches, etc.....	10	1,795 00
Tramps, vagrants and others lighting fires in bushes, woods, vacant lots, unoccupied buildings, etc.....	40	43,183 00
Tar pot in street igniting.....	11	710 00
Vitriol, acids, spirits, etc., carboys breaking or vapor igniting Workmen, tenants and others burning rubbish in fireplaces incomplete.....	6	215 00
	27	5,048 00
Total.....	2,851	\$2,487,580 00

EXTENT OF LOSS AT FIRES.

January, 1902.		April, 1902.	
Nominal or less than \$10.....	126	Nominal or less than \$10.....	123
Between \$10 and \$50.....	60	Between \$10 and \$50.....	52
Between \$50 and \$100.....	24	Between \$50 and \$100.....	17
Between \$100 and \$1,000.....	81	Between \$100 and \$1,000.....	43
Between \$1,000 and \$5,000.....	16	Between \$1,000 and \$5,000.....	12
Between \$5,000 and \$10,000.....	4	Between \$5,000 and \$10,000.....	2
Between \$10,000 and \$20,000.....	1	Between \$10,000 and \$20,000.....	1
		Between \$20,000 and \$40,000.....	3
Total.....	312	Total.....	253
February, 1902.		May, 1902.	
Nominal or less than \$10.....	107	Nominal or less than \$10.....	145
Between \$10 and \$50.....	63	Between \$10 and \$50.....	61
Between \$50 and \$100.....	24	Between \$50 and \$100.....	19
Between \$100 and \$1,000.....	49	Between \$100 and \$1,000.....	41
Between \$1,000 and \$5,000.....	25	Between \$1,000 and \$5,000.....	17
Between \$5,000 and \$10,000.....	4	Between \$10,000 and \$20,000.....	1
Between \$10,000 and \$20,000.....	3	Between \$20,000 and \$30,000.....	2
Between \$20,000 and \$40,000.....	1	Between \$30,000 and \$40,000.....	1
Between \$40,000 and \$50,000.....	2		
Total.....	278	Total.....	288
March, 1902.		June, 1902.	
Nominal or less than \$10.....	136	Nominal or less than \$10.....	154
Between \$10 and \$50.....	62	Between \$10 and \$50.....	51
Between \$50 and \$100.....	19	Between \$50 and \$100.....	21
Between \$100 and \$1,000.....	39	Between \$100 and \$1,000.....	37
Between \$1,000 and \$5,000.....	17	Between \$1,000 and \$5,000.....	11
Between \$5,000 and \$10,000.....	1	Between \$5,000 and \$10,000.....	2
Between \$10,000 and \$20,000.....	1	Between \$10,000 and \$20,000.....	1
Total.....	275		

Between \$70,000 and \$80,000.....		1	October, 1902.			Premises Complained Of.		No.	No.	
Between \$80,000 and \$90,000.....		1	Nominal or less than \$10.....		98	Alleys		1	Stores	15
Total		279	Between \$10 and \$50.....		56	Apartments		25	Sheds	13
July, 1902.			Between \$50 and \$100.....		15	Bake shops		7	Stables	12
Nominal or less than \$10.....		136	Between \$100 and \$1,000.....		27	Churches		5	Tenements	76
Between \$10 and \$50.....		65	Between \$1,000 and \$5,000.....		6	Extension shed		6	Theatres	5
Between \$50 and \$100.....		6	Between \$5,000 and \$10,000.....		1	Dwellings		25	Unoccupied dwellings	20
Between \$100 and \$1,000.....		34	Between \$10,000 and \$20,000.....		1	Factories		20	Schools	5
Between \$1,000 and \$5,000.....		5	Total		204	Hotels		8	Total.....	278
Between \$5,000 and \$10,000.....		3				Lots vacant		35		
Total		249	November, 1902.			Causes of Complaints.		No.	No.	
August, 1902.			Nominal or less than \$10.....		111	Absence of light in hallway.....		2	Hay loft (dangerous).....	5
Nominal or less than \$10.....		99	Between \$10 and \$50.....		51	Building bonfires in yards.....		1	Hot ashes on roof or in cellar.....	3
Between \$10 and \$50.....		67	Between \$50 and \$100.....		16	Bonfires in vacant lots.....		3	Hall door locked, no key provided.....	2
Between \$50 and \$100.....		15	Between \$100 and \$1,000.....		29	Boiling lard		2	Kerosene oil leaking through floor.....	1
Between \$100 and \$1,000.....		26	Between \$1,000 and \$5,000.....		9	Carpenter shop (dangerous).....		3	Kerosene oil lamp hanging outside building	2
Between \$1,000 and \$5,000.....		12	Between \$5,000 and \$10,000.....		1	Careless use of candles.....		5	Locking exits	2
Between \$5,000 and \$10,000.....		1	Between \$10,000 and \$20,000.....		2	Careless janitor		2	Loose paper and rubbish.....	2
Between \$20,000 and \$30,000.....		2	Total		219	Carelessly hanging clothing.....		2	Manufacturing nitro-glycerine and dynamite	2
Between \$30,000 and \$40,000.....		1				Combustibles stored		1	No ladder leading to roof.....	1
Total		224	December, 1902.			Dangerous heater		1	Obstructions in halls.....	10
September, 1902.			Nominal or less than \$10.....		133	Dangerous furnace		10	Obstructions on fire escapes.....	15
Nominal or less than \$10.....		97	Between \$10 and \$50.....		55	Dangerous stovepipe		3	Oil and rubbish in cellar.....	4
Between \$10 and \$50.....		42	Between \$50 and \$100.....		11	Dangerous chimney		2	Paints stored in cellar.....	3
Between \$50 and \$100.....		15	Between \$100 and \$1,000.....		57	Dangerous stoves		4	Pigeon coops	2
Between \$100 and \$1,000.....		18	Between \$1,000 and \$5,000.....		9	Dangerous stoves in yard.....		1	Partitions in cellar.....	1
Between \$1,000 and \$5,000.....		7	Between \$5,000 and \$10,000.....		2	Dangerous fence		2	Rubbish in vacant house.....	2
Between \$5,000 and \$10,000.....		1	Between \$10,000 and \$20,000.....		1	Dangerous electrical appliance.....		1	Rubbish in cellar.....	14
Between \$10,000 and \$20,000.....		1	Between \$20,000 and \$30,000.....		1	Dangerous grate		1	Rubbish in stoves.....	2
Total		181	Total		272	Dangerous woodshed		1	Rubbish in yards.....	20
						Dangerous hay loft.....		1	Rubbish in vacant lots (dangerous)	4
Year 1902.						Dangerous fire board.....		2	Rubbish on roof.....	1
Nominal or less than \$10.....		1,291	Between \$30,000 and \$40,000.....		4	Dangerous condition of cellar.....		25	Rubbish on air shaft.....	1
Between \$10 and \$50.....		685	Between \$40,000 and \$50,000.....		4	Dangerous lumber pile.....		1	Rubbish against building.....	3
Between \$50 and \$100.....		202	Between \$50,000 and \$60,000.....		4	Defective flues		2	Rubbish in building.....	3
Between \$100 and \$1,000.....		481	Between \$60,000 and \$70,000.....		2	Defective hot air pipes.....		3	Rubbish in carpenter shop.....	2
Between \$1,000 and \$5,000.....		146	Between \$70,000 and \$80,000.....		2	Defective buildings		3	Rubbish in barrels.....	5
Between \$5,000 and \$10,000.....		22	Between \$80,000 and \$90,000.....		2	Defective ovens		3	Smoke from adjoining house.....	5
Between \$10,000 and \$20,000.....		14	Between \$90,000 and \$100,000.....		1	Defective heating apparatus.....		3	Stoves overheated	3
Between \$20,000 and \$30,000.....		5	Between \$100,000 and \$125,000.....		2	Excelsior in cellar.....		3	Storage of benzine.....	2
Total		2,861	Between \$125,000 and \$150,000.....		1	Erecting frame sheds within fire limits		2	Spite fence	1
			Between \$150,000 and \$175,000.....		2	Excessive quantity of hay and straw stored		2	Storage of hay.....	1
Year 1902.			Total		2,861	Foul chimneys		4	Storage of empty barrels.....	2
Percentage to Whole Number of Fires During Year.						Frame stables		2	Storage of paints and oils in cellar.....	13
						Flue cut through wall of adjoining houses		1	Storage of boxes in yard.....	7
Fires.			Fires.			Fireworks in cellar.....		1	Smoky furnace.....	3
Loss less than \$10 at.....		1,291	Loss less than \$10,000 at.....		2,846	Fireworks in store.....		1	Spark from smokestack.....	1
Loss less than \$50 at.....		1,976	Loss less than \$10,000 at.....		2,850	Gas shut off in cellar at night.....		4	Scuttle locked	5
Loss less than \$100 at.....		2,178	Loss less than \$80,000 at.....		2,854	Hay stored in cellar.....		3	Violation of fire limit laws.....	2
Loss less than \$1,000 at.....		2,659	Loss less than \$90,000 at.....		2,856	Total.....		278		
Loss less than \$5,000 at.....		2,805	Loss less than \$125,000 at.....		2,858	How Disposed Of.		No.	No.	
Loss less than \$10,000 at.....		2,827	Loss less than \$150,000 at.....		2,860	Referred to Bureau of Buildings.....		17	Tenement House Department.....	5
Loss less than \$20,000 at.....		2,841	Loss less than \$175,000 at.....		2,861	Referred to Department of Health.....		6	Department of Police.....	2
						Referred to Bureau of Combustibles		7	Brooklyn Union Gas Company.....	2
						No cause for complaint.....		38	Total.....	278
						Complied with		201		
						Number of persons killed and severely injured at fires for year ending December 31, 1902:				
						January 1—No. 285 Jefferson avenue. Mrs. White was badly burned about the face and hands, and removed to St. John's Hospital.				
						January 4—No. 141 Cook street. Rosa Montalbans, thirteen years old, was painfully burned, and removed to St. Catharine's Hospital.				
						January 10—No. 164 Butler street. Mary Cohen, five years old, was frightfully burned about the face and hands.				
						January 15—No. 45 Albany avenue. Mrs. Nora McCabe, eighty-eight years old, was burned to death.				
						February 8—Nos. 82 to 88 Flushing avenue. Chief Patrick Nevins and Foreman Richard Oswald were injured by falling wall, and removed to Brooklyn Hospital.				
						February 11—East Forty-ninth street and Avenue M. Mrs. Ann Kiely was burned to death.				
						February 12—Foot of East avenue. John Ordell was painfully burned; was removed to the Eastern District Hospital.				
						February 16—Fire at No. 60 Woolsey street, Long Island City. William Brown jumped from second story, and was removed to St. John's Hospital.				
						February 27—No. 239 Nassau avenue. Mrs. Harriet and Mrs. Ahlbohm were slightly injured.				
						March 4—No. 219 De Kalb avenue. Mary Hoffman, sixty-seven years old, was painfully burned, and removed to Brooklyn Hospital.				
						March 17—No. 226 Front street. Mary McNeily, forty years old, was burned to death.				
						March 19—Fireman Thomas J. Cooney was drowned at Hoboken fire while in discharge of his duty.				
						April 5—No. 43 Woodhull street. John Carey was badly burned.				
						April 6—No. 140 Nelson street. Mrs. John Touhey was slightly burned.				
						April 15—No. 404 Metropolitan avenue. Edward Lawlor, aged sixty-five years, was burned to death.				
						April 24—Foot of Manhattan avenue. Andrew Moran, aged twenty-nine years, and James Cunningham, aged thirty years, were painfully burned; removed to St. Catharine's Hospital.				
						April 27—No. 25 Fillmore place. Eliza McGarvey, aged forty years, burned to death.				
						May 2—No. 225 Norman avenue. Fireman Frank McGuinniss, of Engine 113, was struck by falling timber, and removed to St. Catharine's Hospital.				
						May 9—No. 101 Twenty-first street. Fireman Owen Smith, of Engine 139, was slightly bruised.				
						May 15—No. 368 Pearl street. John Kane, eighteen years old, was suffocated with smoke.				
						May 25—No. 13 Tompkins avenue. Martha Da Logera, aged twenty years, was badly burned; removed to St. Catharine's Hospital.				
						May 29—Flatlands avenue and One Hundredth street. A. Watcho, aged forty years, was badly burned; removed to St. Mary's Hospital.				
						June 3—No. 954 Broadway. Mrs. Sarah Hollsworth, aged thirty-seven years, jumped from third-story window and was killed.				
						June 16—No. 71 Van Brunt street. Joseph Anfier was badly burned, and removed to the Long Island Hospital.				
						June 22—Grand and Myrtle avenues. The following persons were injured: Oscar Van Buckow, aged forty-one years; Mrs. Van Buckow, aged thirty-eight years; Grace Van Buckow, aged seventeen years; H. Rother, Jr., aged twenty-four years, and Thomas Hussey, aged forty-five years.				
						June 25—No. 234 Rockaway avenue. Philip Goodman, aged thirty-nine years, was slightly burned.				
						June 27—No. 242 Ralph avenue. Foreman Eugene McKenna, of Engine 131, was struck on the head with a falling beam.				
						June 27—No. 245 Watkins street. Mrs. Saltsman, aged twenty-three years, was badly burned.				
						June 28—No. 199 Ross street. Hilda Schultz was slightly burned about the face.				
						July 28—Opposite No. 221 Adams street. Godfrey Moore, of Bath Beach, and Daniel Spellman, of No. 1230 Gravesend avenue, were frightfully injured; removed to Brooklyn Hospital.				

Comparison Between Year 1901 and Year 1902.		
The report for the year 1901 shows that there was twenty-six hundred and eighty-one (2,681) fires and two hundred and thirty-seven (237) false alarms, making a total of twenty-nine hundred and eighteen (2,918) fires and false alarms.		
The report for the year 1902 shows that there was twenty-eight hundred and sixty-one (2,861) fires and two hundred and thirty (230) false alarms, making a total of three thousand and ninety-one (3,091) fires and false alarms.		
A comparison will show an increase of one hundred and eighty (180) fires and a decrease of seven (7) false alarms for year 1902.		
The total loss on buildings and vessels and their contents for the year 1902 is less by \$459,259 than it was during the year 1901.		
Total loss for year 1901.....	\$2,932,839 00	
Total loss for year 1902.....	2,487,580 00	
Decrease in loss.....	\$445,259 00	
The uninsured loss on buildings and vessels and their contents for the year 1902 is greater by \$179,533 than it was during the year 1901.		
Uninsured loss for 1902.....	\$327,146 00	
Uninsured loss for 1901.....	147,613 00	
Increase in loss for 1902.....	\$179,533 00	
Comparison of Losses at Fires, Years 1901 and 1902.		
1901.		
First quarter.....	\$949,469 00	
Second quarter.....	745,995 00	
Third quarter.....	499,275 00	
Fourth quarter.....	738,190 00	
Total.....	\$2,932,839 00	
Loss, 1901.....		\$2,932,839 00
Loss, 1902.....		2,487,580 00
Decrease for year 1902.....	\$445,259 00	
Complaints and Investigations, Fire Marshal's Bureau, Boroughs of Brooklyn and Queens, Year 1902.		
Origin of Complaints.		
No.		
Anonymous	12	
Bureau of Fire Marshal.....	30	
Combustibles	4	
Citizens	43	
Bureau of Chief of Department.....	11	
Bureau of Buildings.....	18	
Department of Water, Gas and Electricity	2	
Department of Health.....	14	
Department of Education.....	4	
Engine Companies (Foremen of).....	10	
Neighbors	15	
Owners	15	
Tenants	90	
Taxpayers	10	
Total.....	278	

July 30—No. 237 Nassau street. Mrs. Lena Segar, aged fifty-nine years, was painfully burned about the head and body; removed to Brooklyn Hospital.

August 5—No. 130 Nassau street. Margaret Richardson, aged sixty years, and Mrs. Allen McClain were frightfully burned about the body and hands, and were removed to Brooklyn Hospital.

August 11—No. 93 Nineteenth street. Joshua Emmons, William Reaper and Isaac Gunn, all employees, were injured by jumping from window.

August 12—No. 38 Bogart street. William Behret, aged twenty-two years, was frightfully burned about the body, face and legs.

August 13—No. 13 Tillary street. Emil Moniers, of No. 88 McDougal street, was painfully burned about hand and face; removed to City Hospital.

August 14—No. 649 Wythe avenue. Mr. and Mrs. Frank Casson were frightfully burned about the face and body; removed to E. D. Hospital.

August 20—No. 259 Conover street. Fred Avery, aged forty years, had his face and hands painfully burned.

August 22—No. 69 North Seventh street. Mrs. Bogarty was painfully burned all over body; removed to E. D. Hospital.

August 22—No. 1574 Bergen street. Gladdys Guden, aged two years, was burned to death.

August 24—No. 303 Division avenue. Fireman Miles Morris, of Engine No. 111, was painfully burned about face and hands; removed to E. D. Hospital.

August 24—No. 72 Concord street. Mrs. Tucker, aged fifty-five years, was painfully burned; removed to Cumberland Street Hospital.

August 23—Hillside and Flushing avenues, Jamaica, L. I. Annie Sweeney was burned to death.

September 2—No. 51 Varet street. Max Gluechman, one year old, was badly burned about body; removed to St. Catharine's Hospital.

September 8—No. 119 North Fourth street. Nettie O'Neil, aged fourteen years, was badly burned about the body and face; removed to E. D. Hospital.

September 18—No. 417 Van Brunt street. Mrs. Jennie Kane, aged twenty-eight years, was slightly burned on left hand.

September 24—No. 969 Bedford avenue. William Woltman was burned severely on both hands.

September 29—No. 171 Nevins street. John and George Aldridge were badly burned on hands; removed to Seney Hospital.

October 6—No. 31 Columbia place. Mary Cassidy, aged twenty-seven years, was overcome by gas and removed to L. I. College Hospital.

October 14—No. 973 Pacific street. Maggie King, aged twenty-two years, also Mark Berliner, aged twenty-two years, were badly burned.

October 16—No. 174 Eighth street. Mr. and Mrs. James Fyfe were painfully burned; removed to the Methodist Hospital.

November 1—No. 558 Driggs avenue. Martha Hollsberg, aged thirty-four years, was slightly burned on hand.

November 12—No. 1727 St. Mark's avenue. Mollie Goldstein, aged three years, also her mother, Mrs. Goldstein, were very badly burned.

November 23—No. 206 Prospect avenue. John Hugstrom, aged forty-eight years, was painfully burned; removed to Methodist Hospital.

November 26—No. 559 Metropolitan avenue. Angelina Generio, twenty-two years; Angelo Generio, four months, and Annie Gorman, six years, were badly burned; removed to St. Catharine's Hospital.

November 29—No. 93 Concord street. Mrs. Hawkins was severely burned; removed to Brooklyn Hospital; also George Glove jumped from second story, breaking his leg; removed to Brooklyn Hospital.

December 8—No. 160 India street. Mrs. Flynn was painfully burned; removed to E. D. Hospital.

December 9—Fourth avenue and Second street. Daniel Kimberico, aged twenty-one years, was painfully burned; removed to Brooklyn Hospital.

December 11—No. 742 Lexington avenue. Mrs. Emma Woolbrough, aged seventy-nine years, was painfully burned; removed to Williamsburg Hospital.

December 26—Nos. 206-14 Plymouth street. Thomas S. Coppinger, Chief of Twenty-third Battalion, and William F. Jeffrey, Assistant Foreman of Engine No. 126; also Fireman, fourth grade Michael O'Toole, of Hook and Ladder No. 55, were killed while in the performance of duty by the wall of said building falling. Fireman William H. McCarthy, of Hook and Ladder No. 58, was badly injured, and removed to L. I. College Hospital.

December 30—No. 211 Warren street. Joseph O'Donnell was painfully burned; was removed to his home at No. 445 Bergen street.

December 31—Henderson's walk and Bowery. Robert Patterson, aged thirty-five years, was slightly burned, and removed to his home.

December 31—No. 96 Tompkins avenue. Mamie Ostrome, aged twenty-two years, was painfully burned; removed to Cumberland Street Hospital.

Cases Pending from 1901.

John Geroski, aged 14 years, occupation card feeder, born in Russia, committed to Catholic Protectory.

George Furlong, aged 14 years, occupation card feeder, born in the United States, committed to the Juvenile Home.

Thomas Olwek, aged 14 years, occupation card feeder, born in the United States, committed to the Catholic Protectory.

James McLean, aged 14 years, occupation card feeder, born in the United States, committed to the Catholic Protectory.

John Wesley Debaney, aged 40 years, colored, occupation laborer, born in the United States, charged with setting fire to premises No. 48 Lafayette street, discharged by Magistrate Naumer.

Indictments and Convictions for Arson, Incendiarism, etc., for Year 1902.

Annie Sweeney, aged 25 years, occupation housekeeper, charged with setting fire to premises No. 664 St. Johns place, was discharged by Magistrate Steers with the understanding that she would be committed to the Flatbush Asylum for the Insane, she having been an inmate of that institution for about a year previous.

Mrs. Fred Steimele, aged 35 years, occupation housekeeper, born in Germany, charged with setting fire to premises No. 110 Leonard street, was committed to Flatbush Asylum for the Insane June 18, 1902.

Emma J. Brown, aged 45 years, occupation housekeeper, born in the United States, charged with setting fire to premises No. 559 Chauncey street, was adjudged insane and committed by Magistrate Furlong to Kings Park State Hospital for the Insane.

August A. Bierman, aged 41 years, occupation laborer, born in Germany, charged with setting fire to premises No. 412 Magnolia street, East Williamsburg, Long Island, was held by Magistrate Connerton in \$1,000 bail for the action of the January Grand Jury.

Frame dwellings, apartment houses, tenement houses, stores, office buildings, churches, schools, theatres, hotels, lodging houses, club houses, amusement and concert halls, pavilions, exhibition buildings, hospitals and dispensaries, asylums, station houses, fire engine houses, stables and carriage houses, storehouses, warehouses, car houses, breweries, market buildings, railroad depots, armories, factories and workshops, coal pockets, sheds, bathhouses, bathing houses, photograph galleries, greenhouses, shanties and special buildings located within the Borough of Brooklyn, December 31, 1902.

1-story frame front..... 2,467

1-story and attic frame front..... 871

1-story and basement frame front..... 629

1-story and basement and attic frame front..... 179

2-story frame front..... 16,141

2-story and attic frame front..... 7,260

2-story and basement frame front..... 12,800

2-story and basement and attic frame front..... 1,048

3-story frame front..... 1,952

3-story and attic frame front..... 76

3-story and basement frame front..... 2,315

3-story and basement and attic frame front..... 7

4-story frame front..... 60

4-story and basement frame front..... 16

1-story and store frame front..... 1,528

1-story and store and attic frame front..... 79

2-story and store frame front.....	2,899
2-story and store and attic frame front.....	111
3-story and store frame front.....	1,057
3-story and store and attic frame front.....	9
4-story and store frame front.....	68
2-story frame front apartment or tenement houses.....	547
3-story frame front apartment or tenement houses.....	7,397
4-story frame front apartment or tenement houses.....	1,402
5-story frame front apartment or tenement houses.....	21
6-story frame front apartment or tenement houses.....	4
1-story and store frame front apartment or tenement houses.....	1,14
2-story and store frame front apartment or tenement houses.....	1,570
3-story and store frame front apartment or tenement houses.....	2,430
4-story and store frame front apartment or tenement houses.....	247
1-story frame front stores.....	921
2-story frame front stores.....	126
3-story frame front stores.....	56
4-story frame front stores.....	3
1-story frame front office and bank buildings.....	422
2-story frame front office and bank buildings.....	86
3-story frame front office and bank buildings.....	17
Frame churches.....	232
Frame schools.....	76
Frame theatres.....	8
Frame hotels.....	356
Frame lodging houses.....	44
Frame clubhouses.....	78
Frame amusement and concert halls.....	94
Frame exhibition buildings.....	9
Frame pavilions.....	158
Frame hospitals and dispensaries.....	20
Frame asylums.....	38
Frame station houses.....	16
Frame fire engine houses.....	28
Frame stables and carriage houses.....	7,012
Frame storehouses and warehouses.....	725
Frame car houses.....	22
Frame breweries.....	47
Frame market buildings.....	40
Frame railroad depots.....	26
Frame armories.....	1
1-story frame factories and workshops.....	1,682
2-story frame factories and workshops.....	246
3-story frame factories and workshops.....	155
4-story frame factories and workshops.....	31
Frame coal pockets.....	105
Frame sheds.....	5,797
Frame bathhouses.....	291
Frame bathing houses.....	610
Frame photograph galleries.....	47
Frame greenhouses.....	395
Frame shanties.....	787
Frame special buildings.....	59
Total.....	87,457

Brick dwellings, apartment houses, tenement houses, stores, office buildings, churches, schools, theatres, hotels, lodging houses, club houses, amusement and concert halls, pavilions, exhibition buildings, hospitals and dispensaries, asylums, station houses, fire engine houses, stables and carriage houses, storehouses, warehouses, car houses, breweries, market buildings, railroad depots, armories, factories and workshops located within the borough of Brooklyn, December 31, 1902.

1-story brick front.....	98
1-story and attic brick front.....	7
1-story and basement brick front.....	45
1-story and basement and attic brick front.....	6
2-story brick front.....	1,704
2-story and attic brick front.....	219
2-story and basement brick front.....	6,184
2-story and basement and attic brick front.....	314
3-story brick front.....	1,928
3-story and attic brick front.....	48
3-story and basement brick front.....	7,256
3-story and basement and attic brick front.....	64
4-story brick front.....	232
4-story and attic brick front.....	6
4-story and basement brick front.....	262
4-story and basement and attic brick front.....	3
1-story and store brick front.....	581
1-story and store and attic brick front.....	8
2-story and store brick front.....	3,109
2-story and store and attic brick front.....	12
3-story and store brick front.....	1,382
3-story and store and attic brick front.....	19
4-story and store brick front.....	93
4-story and store and attic brick front.....	19
2-story brick front apartment or tenement houses.....	85
3-story brick front apartment or tenement houses.....	4,655
4-story brick front apartment or tenement houses.....	4,634
5-story brick front apartment or tenement houses.....	356
6-story brick front apartment or tenement houses.....	52
1-story and store brick front apartment or tenement houses.....	50
2-story and store brick front apartment or tenement houses.....	1,067
3-story and store brick front apartment or tenement houses.....	3,008
4-story and store brick front apartment or tenement houses.....	1,030
1-story brick front stores.....	572
2-story brick front stores.....	70
3-story brick front stores.....	128
4-story brick front stores.....	106
5-story brick front stores.....	33
1-story brick front office and bank buildings.....	87
2-story brick front office and bank buildings.....	76
3-story brick front office and bank buildings.....	87
4-story brick front office and bank buildings.....	79
5-story brick front office and bank buildings.....	11
6-story brick front office and bank buildings.....	2
7-story brick front office and bank buildings.....	6
8-story brick front office and bank buildings.....	6
12-story brick front office and bank buildings.....	1
Brick churches.....	256
Brick schools.....	247
Brick theatres.....	22
Brick hotels.....	147
Brick lodging houses.....	32
Brick clubhouses.....	100
Brick amusement and concert halls.....	84
Brick exhibition buildings.....	6
Brick pavilions.....	10
Brick hospitals and dispensaries.....	47
Brick asylums.....	51
Brick station houses.....	28
Brick fire engine houses.....	86
Brick stables and carriage houses.....	1,994
Brick storehouses and warehouses.....	660
Brick car houses.....	38
Brick breweries.....	71

Brick market buildings.....	95
Brick railroad depots.....	22
Brick armories.....	10
Brick sugar houses.....	16
Brick oil refineries.....	171
Brick foundries.....	70
Brick machine manufacturing and jobbing shops.....	331
1-story brick factories and workshops.....	548
2-story brick factories and workshops.....	636
3-story brick factories and workshops.....	355
4-story brick factories and workshops.....	287
5-story brick factories and workshops.....	121
6-story brick factories and workshops.....	52
7-story brick factories and workshops.....	26

Total..... 46,430

Brick and stone dwellings, apartment houses, tenement houses, stores, office buildings, churches, schools, theatres, hotels, lodging-houses, clubhouses, amusement and concert halls, hospitals and dispensaries, station houses, fire engine houses, stables and carriage houses, storehouses, warehouses, armories, factories and workshops and gasometers located within the borough of Brooklyn December 31, 1902.

1-story stone front.....	1
1-story and attic.....	1
1-story and basement stone front.....	2
2-story stone front.....	49
2-story and attic stone front.....	16
2-story and basement stone front.....	4,750
2-story and attic and basement stone front.....	779
3-story stone front.....	227
3-story and attic stone front.....	21
3-story and basement stone front.....	6,773
3-story and attic and basement stone front.....	193
4-story stone front.....	89
4-story and attic stone front.....	5
4-story and basement stone front.....	461
4-story and attic and basement stone front.....	3
1-story and store stone front.....	6
2-story and store stone front.....	367
3-story and store stone front.....	267
4-story and store stone front.....	20
2-story stone front apartment or tenement houses.....	2
3-story stone front apartment or tenement houses.....	297
4-story stone front apartment or tenement houses.....	419
5-story stone front apartment or tenement houses.....	24
6-story stone front apartment or tenement houses.....	16
1-story and store stone front apartment or tenement houses.....	6
2-story and store stone front apartment or tenement houses.....	93
3-story and store stone front apartment or tenement houses.....	376
4-story and store stone front apartment or tenement houses.....	21
1-story stone front stores.....	2
2-story stone front stores.....	2
3-story stone front stores.....	3
4-story stone front stores.....	8
5-story stone front stores.....	1
1-story stone front office and bank buildings.....	3
2-story stone front office and bank buildings.....	10
3-story stone front office and bank buildings.....	6
4-story stone front office and bank buildings.....	17
5-story stone front office and bank buildings.....	3
8-story stone front office and bank buildings.....	1
9-story stone front office and bank buildings.....	1
12-story stone front office and bank buildings.....	1
3-story iron front office and bank buildings.....	9
4-story iron front office and bank buildings.....	10
5-story iron front office and bank buildings.....	1
6-story iron front office and bank buildings.....	1
7-story iron front office and bank buildings.....	4
Stone churches.....	50
Iron churches.....	6
Ransom System Church.....	1
Stone Schools.....	9
Stone theatres.....	67
Stone hotels.....	47
Stone lodging-houses.....	21
Stone clubhouses.....	43
Stone amusement and concert halls.....	3
Stone hospitals and dispensaries.....	4
Stone station houses.....	3
Stone fire engine houses.....	12
Stone stables and carriage houses.....	11
Stone storehouses and warehouses.....	14
Stone armories.....	1
Gasometers.....	60
Stone factories and workshops.....	28

Total..... 15,748

Total Number of Buildings in Borough of Brooklyn, December 31, 1902.

Frame buildings.....	87,457
Brick buildings.....	46,430
Stone and brick buildings.....	15,748

Total..... 149,635

Settlements Within the Boroughs of Brooklyn and Queens.

Settlement.	Population.	Miles From City Hall.
Astoria.....	13,894	8
Arverne-by-the-Sea.....	400	16
Bensonhurst-by-the-Sea.....	1,000	6
Bath Beach.....	4,857	6
Bergen Beach (summer resort, large hotel).....	200	7
Borough Park.....	3,000	4
Blythebourne.....	1,150	3
Bay Ridge.....	5,574	5
Bayside.....	756	15
Brownsville.....	15,000	5
Brooklyn.....	1,291,597	..
Brooklyn Hills.....	450	8
Barren Island.....	150	16
Coney Island.....	6,957	8
Canarsie.....	4,904	6
Corona.....	5,550	10
Corona Heights (scattered residences).....	..	12
College Point.....	8,700	14
Creedmoor.....	225	16
Clarenceville.....	448	8
Dunton.....	234	10
Elmhurst.....	3,690	7
Edgemere (large hotel, summer resort).....	..	20
Evergreen.....	1,8..	7
Fort Hamilton.....	7,851	6
Flatlands.....	8,243	5

Flatbush.....	27,188	3
Flushing.....	10,348	12
Forest Park Heights (scattered residences).....	..	..
Far Rockaway.....	2,974	23
Floral Park.....	488	16
Glendale Village.....	1,230	6
Gravesend.....	9,100	6
Gravesend Beach.....	310	7
Greenpoint.....	56,000	3
Hollis.....	510	13
Hollis Park.....	50	14
Holliswood (scattered residences).....	..	14
Hollis Heights (scattered residences).....	..	13
Hunter's Point (manufacturing district).....	..	4
Inwood.....	1,900	22
Jamaica.....	10,053	11
Jamaica South.....	296	14
Jamaica Heights (scattered residences).....	..	12
Kensington.....	610	4
Long Island City.....	48,272	4
Lawrence.....	558	22
Lefferts Park.....	100	5
Liberty Hall (scattered residences).....	..	..
Locust Grove (scattered residences).....	..	5
Morris Park.....	672	10
Manhattan Beach (large hotel, summer resort).....	..	7
Mapleton.....	390	5
Middle Village.....	1,184	5
North Beach.....	75	8
Newtown.....	3,690	7
New Utrecht.....	24,700	6
Ozone Park.....	1,100	9
Parkville.....	1,000	5
Queens.....	1,008	15
Rockaway (scattered houses, summer resort).....	..	23
Rockaway Beach.....	1,952	15
Rockaway Park (scattered residences).....	..	16
Richmond Hill.....	1,170	9
Rosedale.....	480	18
Ravenswood.....	7,508	6
Steinway.....	2,384	11
Springfield.....	907	14
Sea Gate (scattered residences).....	..	10
St. James Park (scattered residences).....	..	..
South Bensonhurst.....	650	6
Sheepshead Bay.....	1,440	7
Unionville.....	2,141	7
Van Pelt Manor.....	827	6
Vanderveer Park.....	..	3
Woodhaven.....	3,931	8
Woodside.....	1,668	7
Winfield.....	1,024	7
Whitestone.....	3,987	15
Wave Crest.....	150	24
Windsor Terrace.....	3,700	3
West Brooklyn.....	1,300	4
Population of Kings County, estimated.....	1,291,597	..
Population of Queens County, estimated.....	182,681	..
Total population, Brooklyn and Queens.....	1,474,989	..

Total number of square miles, 198.

Hospital and Training Stables.

Horses on hand December 31, 1901.....	412
Purchased during the year 1902.....	66
Died during the year.....	15
Sold during the year.....	27

Total number of horses December 31, 1902..... 436

Average number of horses on trial each day.....	9
Number of horses treated for various diseases.....	120

Deaths and Causes.

No.	Date.	Cause.	No.	Date.	Cause.
352	Feb. 20.	Inflammation of bowels.	96	Aug. 22.	Dropped dead going to fire.
705	April 5.	Fracture of leg; destroyed.	601	Sept. 2.	Colic.
623	April 6.	Unknown.	292	Sept. 26.	Fracture of leg; destroyed.
674	April 14.	Fracture of leg; destroyed.	276	Oct. 30.	Fracture of leg; destroyed.
546	May 22.	Tetanus.	277	Oct. 30.	Fracture of leg; destroyed.
28	May 31.	Inflammation of bowels.	786	Dec. 6.	Pneumonia.
412	June 13.	Unknown.	725	Dec. 9.	Fracture of leg; destroyed.
86	June 25.	Fracture of leg; destroyed.			

Contracts Made for Apparatus, Hose, Etc., on Account of Appropriation for 1902.

New Apparatus, Etc.

July 29. Apparatus wheels.....	\$1,545 20
Dec. 4. Hose wagons (5) first size.....	2,725 00
Dec. 24. Hook and ladder trucks (10), Borough of Queens.....	9,600 00

New Hose.

July 2. 2,500 feet 1½-inch Paragon brand.....	\$1,500 00
July 2. 6,000 feet 2½-inch Eureka brand.....	6,000 00
July 3. 3,000 feet 2½-inch Unique brand.....	3,000 00
July 21. 2,500 feet 1½-inch Baker brand.....	1,250 00
July 21. 3,000 feet 2½-inch Baker brand.....	2,700 00
Dec. 27. 4,500 feet 3½-inch Eureka brand.....	4,500 00
Dec. 27. 4,000 feet 2½-inch, for borough of Queens.....	2,400 00
Dec. 27. 4,000 feet 2½-inch, for borough of Queens.....	2,120 00
Dec. 27. 4,300 feet 2½-inch, for borough of Queens.....	2,518 00
Dec. 27. 4,000 feet 2½-inch, for borough of Queens.....	3,200 00

Fuel.

Mar. 4. 2,200 tons coal (anthracite).....	\$9,600 00
May 29. 150 tons cannel coal.....	1,725 00
June 27. Kindling wood.....	938 00

Forage.

Feb. 11. Borough of Queens (Long Island City).....	\$1,867 73
Mar. 4. Boroughs of Brooklyn and Queens.....	19,978 10
Aug. 1. Boroughs of Brooklyn and Queens.....	25,300 55

Fire Alarm Boxes.

Dec. 27. 30 signal boxes and keyless doors.....	\$3,075 00
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Telegraph Wire.

May 3. 50 miles.....	\$3,194 40
Sept. 26. 50 miles, borough of Queens.....	3,194 40
Dec. 17. 50 miles.....	3,147 00

Horses.

June 24. Sixty.....	\$14,700 00
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Repairs, Etc., Under Contract.

May 5. Lumber	\$1,998 64
May 23. Repairs to water tower	2,970 00
May 23. Repairs to Engine 600	1,000 00
Mar. 29. Repairing Hook and Ladder Truck 123.....	2,000 00
June 10. Repairs to electric light plant, Headquarters.....	990 00

IN RE BOND ISSUES—BOROUGH OF BROOKLYN AND QUEENS.

Pursuant to the provisions of section 47 of the Greater New York Charter, and subdivision 8 of chapter 188 of the same instrument, application was made to the proper Municipal authorities for a bond issue of \$267,000 for new sites, buildings, additions and alterations to buildings already erected, fitting up such buildings, placing wires and conduits of the telegraph system underground, and otherwise extending such system, but without result.

BOROUGH OF QUEENS.

A Special Revenue Bond issue to the amount of \$45,000 was authorized during the year by the Board of Estimate and Apportionment at the request of the Board of Aldermen, under the authority of subdivision 8 of section 188 of the Greater New York Charter, for the building, construction, repairing and maintenance by the Fire Commissioner of The City of New York, of a Fire Alarm Telegraph system for the Second, Third, Fourth and Fifth Wards in this borough, of which sum \$4,948.26 has been expended during 1902.

REPAIR SHOPS.

Extensive Repairs

To engines	48	To chiefs' wagons.....	29
To hose wagons.....	21	To telegraph wagons.....	9
To hook and ladder trucks.....	15	To ladders	13
To shop wagons.....	7		

Ordinary Repairs.

To engines	315	To harness hangers.....	106
To hose wagons.....	106	To collar hames.....	75
To hook and ladder trucks	137	To fire extinguishers.....	37
To shop wagons.....	13	To shut-off nozzles.....	26
To chiefs' wagons.....	161	To play pipes.....	12
To telegraph wagons.....	25	To hose for fire extinguishers.....	43
To ladders	16		

Repairs by Wrecking Force.

To engines	11	To hook and ladder trucks.....	6
To hose wagons.....	5		

Paint Shop.

Engine wheels painted.....	252	Chiefs' wagons touched up.....	57
Hose wagon wheels painted.....	228	Chiefs' wagons painted complete.....	18
Hook and ladder truck wheels painted	142	Doctors' wagons painted complete.....	2
Chiefs' wagon wheels painted.....	134	Fuel wagons painted complete.....	3
Engine (No. 115) painted complete	1	Shop wagon painted complete.....	1
Engines touched up.....	47	Lumber truck painted complete.....	1
Hose wagons touched up.....	38	Parts of apparatus such as poles, shafts, whiffletrees, springs, ladders, etc., painted or touched up.....	1,485
Hook and ladder trucks touched up	37		

Hose Shop.

Received—50 lengths Baker 1 1-2 inch fabric hose; 50 lengths Paragon 1 1-2 inch fabric hose; 60 lengths Unique 2 1-2 inch fabric hose; 60 lengths Baker 2 1-2 inch fabric hose; 120 lengths Eureka 2 1-2 inch fabric hose; 60 lengths Eureka 3 1-2 inch fabric hose.

Repairs—18 lengths 3 1-2 inch rubber hose; 335 lengths 2 1-2 inch rubber hose; 74 lengths 2 1-2 inch fabric hose; 21 lengths 1 1-2 inch rubber hose; 2 lengths 3-4 inch rubber hose; 5 2 1-2 inch rubber suction.

Harness Shop.

Harness made—1,627 pieces.

Harness repaired—1,228 pieces.

Approximate Cost of Repairs and Small Alterations to Department Buildings, Boroughs of Brooklyn and Queens, by Department Mechanics (Total Cost, \$15,531.70).

Engine Company 101.....	\$100 15	Engine Company 147.....	115 15
Engine Company 102.....	107 08	Engine Company 148.....	109 41
Engine Company 103.....	366 86	Engine Company 149.....	31 37
Engine Company 104.....	296 71	Engine Company 150.....	73 57
Engine Company 105.....	585 31	Engine Company 151.....	219 64
Engine Company 106.....	406 50	Engine Company 152.....	130 18
Engine Company 107.....	330 43	Engine Company 153.....	181 61
Engine Company 108.....	85 88	Engine Company 154.....	73 04
Engine Company 109.....	655 71	Engine Company 155.....	151 82
Engine Company 110.....	152 41	Engine Company 157.....	163 33
Engine Company 111.....	397 75	Engine Company 158.....	62 28
Engine Company 112.....	412 69	Engine Company 159.....	66 71
Engine Company 113.....	70 33	Engine Company 160.....	25 06
Engine Company 114.....	172 79	Engine Company 161.....	11 70
Engine Company 115.....	250 67	Engine Company 162.....	78 70
Engine Company 116.....	380 92	Engine Company 163.....	140 32
Engine Company 117.....	77 93	Hook & Ladder Company 51.....	124 40
Engine Company 118.....	297 69	Hook & Ladder Company 52.....	121 30
Engine Company 119.....	115 60	Hook & Ladder Company 53.....	155 90
Engine Company 120.....	133 33	Hook & Ladder Company 54.....	04 61
Engine Company 121.....	57 31	Hook & Ladder Company 55.....	179 54
Engine Company 122.....	537 06	Hook & Ladder Company 56.....	227 13
Engine Company 123.....	70 54	Hook & Ladder Company 57.....	180 05
Engine Company 124.....	73 05	Hook & Ladder Company 58.....	433 47
Engine Company 125.....	568 45	Hook & Ladder Company 59.....	140 51
Engine Company 126.....	436 65	Hook & Ladder Company 60.....	459 52
Engine Company 127.....	46 68	Hook & Ladder Company 61.....	17 28
Engine Company 128.....	166 31	Hook & Ladder Company 62.....	32 22
Engine Company 129.....	364 15	Hook & Ladder Company 63.....	5 31
Engine Company 130.....	150 98	Hook & Ladder Company 64.....	50 02
Engine Company 131.....	63 17	Hook & Ladder Company 65.....	32 30
Engine Company 132.....	408 91	Hook & Ladder Company 66.....	112 22
Engine Company 133.....	32 06	Hook & Ladder Company 67.....	17 88
Engine Company 134.....	93 10	Hook & Ladder Company 68.....	7 35
Engine Company 135.....	25 73	Hook & Ladder Company 69.....	40 26
Engine Company 136.....	141 50	Water Tower 6.....	105 30
Engine Company 137.....	149 88	Chemical Engine	105 26
Engine Company 138.....	143 06	Quarters Deputy Chief Sev.....	
Engine Company 139.....	243 71	enth Division	06 60
Engine Company 140.....	62 12	Headquarters	333 47
Engine Company 141.....	67 61	Telegraph Bureau	303 56
Engine Company 142.....	231 64	Repair Shops	244 77
Engine Company 143.....	81 54	Veterinary Department	355 70
Engine Company 144.....	79 42		
Engine Company 145.....	94 82		
Engine Company 146.....	35 22		
		Total	\$15,531 70

Sites and Buildings.

Pursuant to the provisions of section 48, chapter 378, Laws of 1897, the Board of Estimate and Apportionment, with the concurrence of the Board of Aldermen, authorized a bond issue of \$241,000 for the purchase of sites and the erection of buildings in the boroughs of Brooklyn and Queens, allotting a specific amount for each site and building. With the premium realized from the sale of these bonds a fund of \$256,161.31 was placed at the disposal of the Department for these purposes, which became available in December, 1901. When the present Commissioner took office he gave the matter careful consideration, and arrived at the conclusion that the best interests of the service would be promoted by devoting the fund, in some instances, to other purposes than those specifically set forth in the resolution as originally adopted and concurred in. His request to this end received the sanction of both the

Board of Estimate and Apportionment and the Board of Aldermen, and the application of the moneys to the following purposes was approved:

For a new house on Jackson avenue, Long Island City, for Hook and Ladder Company No. 66.....	\$23,000 00
For a new house in Long Island City for Hook and Ladder Company No. 65, Engine Company No. 158, fuel wagon, boat tenders and quarters of Chief of Thirty-fifth Battalion.....	60,000 00
For a new house for Engine Company No. 159 at Blissville, Long Island City, a combination company with engine, tender and hook and ladder truck.....	30,000 00
For a new house on City property at Coney Island for Engine Company No. 145 (two engines and two tenders, to be located in the building).....	30,000 00
For a new house on City property at Sheepshead Bay for Engine Company No. 146, and in which it is proposed to locate two engines and two tenders and hook and ladder truck.....	40,000 00
For alterations to house on northwest corner of Hicks street, 111 feet from corner of Hicks and Joralemon streets, to fit it for use as quarters for Engine Company No. 134, now located on Furman street.....	30,000 00
	\$213,000 00
For sites, additions and alterations to buildings.....	43,161 31
	\$256,161 31

Plans and specifications have been prepared for the erection of these buildings, the sites having been acquired either by purchase at private sale or as the result of assignment by the City, and the contracts will be awarded, after public letting, early in the year 1903.

Buildings, Etc., Occupied by or Under the Control of the Fire Department, Boroughs of Brooklyn and Queens.

Headquarters—Office of the Deputy Commissioner, Deputy Chief of Department in Charge, Fire Marshal, Assistant Inspector of Combustibles, Fire Alarm Telegraph, Central Office, Medical Officers, Nos. 365 and 367 Jay street.

Engine 101, No. 1238 Fourth avenue.	*Engine 146, East Twenty-third street and Voorhees avenue.
Engine 102, No. 201 Van Brunt street.	Engine 147, Sixtieth street and New Utrecht avenue.
Engine 103, No. 533 Hicks street.	Engine 148, Church, near Bedford avenue.
Engine 104, No. 299 Degraw street.	Engine 149, Rogers avenue, near Midwood street.
Engine 105, No. 160 Pierrepont street.	*Engine 150, Lawrence, near Second avenue.
Engine 106, No. 189 Pearl street.	Engine 151, Wallabout Market.
Engine 107, No. 247 Pearl street.	Engine 152, No. 621 Central avenue.
Engine 108, No. 227 Front street.	Engine 153, Eighty-sixth street, near Twenty-fourth avenue.
Engine 109, No. 159 Graham street.	Engine 154, Town Hall, Gravesend.
Engine 110, No. 160 Carlton avenue.	Engine 155, Rogers avenue, near Avenue F.
Engine 111, No. 166 Clymer street.	*Engine 157, Rockaway, near Flatlands avenue.
Engine 112, No. 136 Wythe avenue.	*Engine 158, No. 105 Jackson avenue, L. I. C.
Engine 113, No. 137 Powers street.	Engine 159, No. 71 Gale street, L. I. C.
Engine 114, No. 231 Herkimer street.	*Engine 160, No. 692 Vernon avenue, L. I. C.
Engine 115, No. 88 India street.	*Engine 161, No. 231 Radde street, L. I. C.
Engine 116, No. 11 Scholes street.	Engine 162, Nos. 78 and 80 Main street, L. I. C.
Engine 117, No. 940 DeKalb avenue.	*Engine 163, No. 354 Flushing avenue, L. I. C.
Engine 118, No. 650 Hart street.	H. and L. 51, No. 199 Van Brunt street.
Engine 119, No. 735 Dean street.	H. and L. 52, No. 894 Bedford avenue.
Engine 120, No. 532 Eleventh street.	H. and L. 53, No. 183 Concord street.
Engine 121, No. 163 South Second street.	H. and L. 54, No. 181 South Third street.
Engine 122, No. 836 Quincy street.	H. and L. 55, No. 648 Pacific street.
*Engine 123, foot Main street dock.	H. and L. 56, No. 124 Greenpoint avenue.
*Engine 124, Nos. 153 and 155 Furman street.	H. and L. 57, No. 40 New Jersey avenue.
Engine 125, No. 657 Liberty avenue.	H. and L. 58, No. 112 Siegel street.
Engine 126, No. 409 State street.	H. and L. 59, No. 633 Fourth avenue.
Engine 127, No. 979 Herkimer street.	H. and L. 60, No. 264 State street.
Engine 128, No. 178 Thirty-ninth street.	H. and L. 61, No. 399 Halsey street.
Engine 129, No. 246 Frost street.	H. and L. 62, No. 1171 Madison street.
Engine 130, No. 59 Ellery street.	H. and L. 63, Rogers avenue, near Midwood street.
*Engine 131, No. 1772 Eastern Parkway.	H. and L. 64, Fifth avenue, near Fifty-second street.
*Engine 132, dock foot North Eighth street.	*H. and L. 65, No. 178 Seventh street, Long Island City.
Engine 133, No. 243 Hull street.	*H. and L. 66, No. 443 Buckley street, Long Island City.
Engine 134, No. 1472 Bergen street.	H. and L. 67, No. 356 Flushing avenue, Long Island City.
Engine 135, No. 206 Monroe street.	H. and L. 68, Nos. 365 and 367 Jay street.
Engine 136, Liberty avenue, near Market street.	H. and L. 69, Wallabout Market.
Engine 137, No. 55 Morgan avenue.	
Engine 138, No. 176 Norman avenue.	
Engine 139, No. 395 Fourth avenue.	
Engine 140, Prospect, near Greenwood avenue.	
Engine 141, Bay Ridge, near Second avenue.	
Engine 142, Fifth avenue, near Ninety-second street.	
Engine 143, Eighteenth avenue, near Eighty-sixth street.	
Engine 144, West Fifteenth street and Surf avenue.	
*Engine 145, West Eighth street and Surf avenue.	

Chemical Engine No. 1, No. 712 Driggs avenue.
Water Tower No. 1, No. 124 De Kalb avenue.
Repair Shops, St. Edwards and Bolivar streets.
Training stables, etc., St. Edwards and Bolivar streets.
Coal depot, No. 274 Hicks street.
Coal depot, No. 127 North First street.
Bell tower (rear lot), North First street and Bedford avenue.
*Lot adjoining Repair Shop, St. Edwards, near Bolivar street.
Lot north side Myrtle avenue, about 100 feet east of North Elliott place.
Lot adjoining quarters of Hook and Ladder 59.
Lot adjoining quarters of Engine 136.
Plot west side West Eighth street, south of Sheepshead Bay road, Coney Island.
Plot north side Jackson avenue, east of Kouwenhoven street, Long Island City.
Plot south side East Eighth street, west of East avenue, Long Island City.
Plot west side East Twenty-third street, south of Voorhees avenue, Sheepshead Bay.
Plot west side Star avenue, north of Howard street, Long Island City.
Locations marked * are leased by the Department; all others are City property.

BOROUGH OF RICHMOND.

BUREAU OF BUILDINGS.

I herewith submit a report of the operations of the Bureau of Buildings, Borough of Richmond, for the week ending July 11, 1903:

Plans filed for new buildings, 8; estimated cost.....	\$17,125 00
Plans filed for alterations, 15; estimated cost.....	6,285 00
Plans filed for plumbing, 2; estimated cost.....	550 00
Number of pieces of iron inspected.....	14

JOHN SEATON,

Superintendent of Buildings, Borough of Richmond.

JAMES NOLAN, Chief Clerk.

DEPARTMENT OF FINANCE.

Abstract of Transactions of the Department of Finance for the Week Ending May 23, 1903.

Deposited in the City Treasury.	
To the credit of the City Treasury.....	\$2,532,530 21
To the credit of the Sinking Funds.....	218,752 50
Total.....	\$2,751,282 71
Stock and Bonds Issued.	
3 per cent. Stock.....	\$50,000 00
3½ per cent. Stock.....	1,109,500 00
3¾ per cent. Bonds.....	700,000 00
4 per cent. Bonds.....	10,000 00
Total.....	\$1,869,500 00
Warrants Registered for Payment.	
Appropriation Accounts, "A" Warrants.....	\$1,676,546 39
Special and Trust Accounts, "B" Warrants.....	2,968,753 45
Additional Water Fund, "C" Warrants.....	51,979 20
Total.....	\$4,697,279 04

SUITS, ORDERS OF COURT, JUDGMENTS, ETC.

Court.	Name of Plaintiff.	Amount.	Nature of Suit.	Attorney.
Supreme.	Susan E. White vs. The City of New York	\$1,117 51	Transcript of judgment.....	William R. Page.
"	The People, etc., ex rel. John Henry vs. Thomas W. Hynes, Commissioner Department of Correction.....	.....	Copy order entered at a Special Term, Part III., of the Supreme Court, February 26, 1903, directing that a peremptory writ of mandamus issue requiring the reinstatement of the relator in his position as Keeper in Department of Correction, and payment of his salary, etc.....	Leslie & Minor.
"	Julius J. Moerlins vs. The City of New York	118 78	Transcript of judgment.....	Louis J. Grant.
"	Charles W. Shaw vs. The City of New York	72 41	Transcript of judgment.....	Hugh Coleman.
Kings Co.	The People, etc., vs. Thomas Mooney.....	5 00	Copy order entered at a Term of the County Court, Kings County, Brooklyn, May 5, 1903, reversing judgment of conviction with costs, and directing that the fine of \$5 imposed upon appellant in court January 9, 1903, be remitted.....	Richard I. White.
Supreme.	Timothy O'Connell vs. The City of New York	421 96	Transcript of judgment.....	William E. Morris.
"	The People, etc., ex rel. Andrew H. Scoble vs. Robert W. De Forest, Commissioner Tenement House Department	.....	Certified copy order entered at a Special Term, Part I., Supreme Court, May 12, 1903, directing that a peremptory writ of mandamus issue commanding the reinstatement of relator in his position as Inspector of Tenement Houses, etc., and the payment of his salary.....	Edward Stetson Griffing.
Supreme, Kings Co.	Emma J. Lane vs. The City of New York	1,000 00	Notice of judgment.....	John F. Foley.
Supreme.	In re application of Marilla Mackenzie for amendment of report of Commissioners and for award for Parcels F and K, Lot No. 41, in proceedings to open Montgomery street, Brooklyn	2,121 00	Certified copy order entered at a Special Term, Supreme Court, Kings County, Brooklyn, May 16, 1903, amending report of Commissioners and directing payment in the sum of \$2,121 award for Parcels F and K, Lot No. 41, to the petitioner in this proceeding.....	Carter, Hughes & Dwight.
"	In re application of George Schwacke, for payment to him of a certain award for Parcels Nos. 19 and 20, in proceedings to open White Plains road.....	.....	Certified copy order entered at a Special Term, Supreme Court, Kings County, May 19, 1903, directing payment to petitioner of awards for Parcels Nos. 19 and 20 in this proceeding.....	Henry K. Davis.
"	The People, etc., vs. George Drake.....	255 00	Copy order assigning Jay S. Jones and William H. White as counsel to defend George Drake, and order allowing them the sum of \$250 each counsel fees, and \$5 for disbursements.....	Jones & White.
Supreme, Albany.	The People, etc., ex rel. The Central Crostown Railroad Company vs. The State Board of Tax Commissioners	.....	Certified copy final order entered at a Special Term of the Supreme Court Albany County, July 15, 1902, reducing assessment on relator's special franchise for year 1900.....	James A. Dunn.
Supreme, Kings.	In re application of Henrietta Blumenberg for the payment of awards for Parcels Nos. 663 and 664, in proceedings to acquire title to White Plains road.....	.....	Copy order entered at a Special Term Supreme Court, Second Department Westchester County, White Plains, May 16, 1903, directing payment to the petitioner of awards for Parcels Nos. 663 and 664 in this proceeding.....	"
"	In re application of Mary Mack for the payment of Award for Parcel No. 545, in proceedings to acquire title to White Plains road.	.....	Copy order entered at a Special Term Supreme Court, Second Department Westchester County, White Plains, May 16, 1903, directing payment to the petitioner of award for Parcel No 545 in this proceeding.....	"
"	In re application of The New York Building Loan Banking Company for the payment of awards for Parcels Nos. 402 and 404, in proceedings to acquire title to White Plains road.	.....	Copy order entered at a Special Term, Supreme Court, Second Department, Westchester County, White Plains, May 16, 1903, directing payment to the petitioner of awards for Parcels Nos. 402 and 404 in this proceeding..	"
Supreme.	In re application of George E. Berna, for a peremptory writ of mandamus directed to Edward M. Grout, Comptroller	50 00	Copy affidavit and notice of motion returnable at a Special Term, Part I., of the Supreme Court, May 25, 1903, for a peremptory writ of mandamus, commanding the Comptroller to pay to the petitioner the award for Parcel No. 97, in re Riverside drive and parkway, with \$50 costs.....	Joseph A. Flannery.
	Frank K. Bowers vs. The City of New York	65 57	Transcript of judgment.....	Daniel J. Early.
	Frank K. Bowers vs. The City of New York	526 94	.....	"

"	In re East One Hundred and Seventieth street, George David Doyle, petitioner	2,945 00	Certified copy order entered at a Special Term, Part I., Supreme Court, May 18, 1903, directing payment of the sum of \$2,945 award for Parcel No. 25 to the petitioner in this proceeding.....	Joseph A. Flannery.
Supreme, Kings.	Emma J. Lane vs. The City of New York	1,000 00	Transcript of judgment.....	John F. Foley.
"	Friendship Engine Company No. 1 and Friendship Hook and Ladder Company No. 1, Sheepshead Bay, vs. The City of New York.	.....	Copy summons and complaint.....	Marcus B. Campbell.
Supreme.	The Sicilian Asphalt Paving Company vs. The City of New York, Patrick J. Walsh and Bernard Gallagher and The National Surety Company	.....	Amended notice of pendency of action..	Fettretch, Silkman & Seybel.
Supreme, Queens.	John J. Clancey and James E. Clancey vs. Bernard Rolf, The United States Fidelity and Guaranty Company and The City of New York	.....	Copy summons and complaint; also notice of pendency of action.....	Lucius N. Manley.
Supreme, Richmond.	Rubsam & Horrmann Brewing Company vs. The City of New York.....	41 62	Transcript of judgment.....	Holt & Gaillard.
Supreme, Kings.	William J. Lynch vs. The City of New York	200 00	Transcript of judgment.....	Martin P. Lynch.
Supreme.	In re application of George E. Berna for a peremptory writ of mandamus, directed to Edward M. Grout, Comptroller	.....	Withdrawal of notice of motion served May 20, 1903.....	Joseph A. Flannery.
Supreme, 2d Dept.	.....	.....	Notices of motions returnable at a Special Term of the Supreme Court, Second Department, Brooklyn, June 27, 1903, for confirmation of report of Commissioners in the following street opening proceedings:	.....
	Opening Sixty-first street, Brooklyn... Opening Bridgewater street, Brooklyn...	.....	.....	.....
Supreme.	In re application of The City of New York, to acquire title to White Plains road, petition of Arthur H. Hablo	1,162 51	Certified copy order entered at a Special Term of the Supreme Court, Part I., May 21, 1903, directing the release and discharge of lien filed against an award upon payment of the sum of \$1,162.51 with the City Trust Company of New York by the petitioner, and further directing the appointment of James Byrne as Referee, etc.....	Lee & Fleischmann.
9th Dist. Municipal Court.	Jacob Bloch and Meyer Bloch vs. The City of New York.	169 41	Transcript of judgment.....	H. N. Hanson.
Supreme.	Anne Gully vs. The City of New York.	605 77	Notice of judgment.....	James A. Deering.
Supreme.	The People, etc., ex rel. Frank Acritelli and Peter P. Acritelli, doing business under firm name of F. Acritelli & Son, vs. Edward M. Grout, Comptroller.	200 00	Copy peremptory writ of mandamus returnable May 25, 1903, directing payment of the sum of \$200 counsel fees to the relators as assignee of Ambrose H. Purdy.....	C. B. F. Barra.
"	In re application of The Mayor, etc., relative to acquiring title to lands for purpose of opening Aqueduct avenue	.....	Certified copy order entered at a Special Term, Part I., of the Supreme Court, May 18, 1903, directing payment to Preston Johnson Gibson, instead of the United States Trust Company, as general guardian of the awards made for Parcels Nos. 9 and 10 in this proceeding.....	Fielding L. Marshall.
"	Ella V. A. Dayton vs. The City of New York	677 89	Transcript of judgment:	Chauncey S. Truax.
Supreme, Kings.	William Wood vs. The City of New York	150 00	.....	James C. Cropsey.
"	John Dillon vs. The City of New York	115 00	.....	"
"	Owen Beagen vs. The City of New York	100 00	.....	"

CLAIMS FILED.

Date.	Name of Claimant.	Amount.	Nature of Claim.	Attorney.
May 18..	Charles W. and Henry K. Perry.....	.....	Award for Parcel No. 5 in re acquiring title to Lowmede street.....	A. C. Hottenroth.
" 18..	Horgan & Slattery.	\$12,500 00	For professional services rendered under contract for preparing plans, specifications, etc., for erection and construction of new repair shop and veterinary hospital for Fire Department, etc.....	Augustus Van Wyck.
" 18..	Eunice Kirkwood....	3,000 00	Damages for personal injuries received by reason of defective condition of sidewalk in Williams avenue, near Eastern parkway, Brooklyn, April 18, 1903.....	William D. Farrington.
" 18..	James C. McKenna..	.....	Salary as Assistant Clerk in Municipal Court, First District, Brooklyn, from February 1, 1898, to September 30, 1899.....	Neu & Gilchrist.
" 18..	R. H. Hood Company	19,258 00	Amount due under contract for construction of freight shed on Pier, new 12, East river.....	.....
" 19..	Augusta B. Frank..	7,200 00	For salary as Teacher of the German Language in Public Schools Nos. 43 and 95.....	.....
" 19..	Lawrence M. D. McGuire	35 00	Damage to plate glass window at premises on the corner of Eleventh and Dry Dock streets by horse and wagon belonging to the Department of Street Cleaning, May 16, 1903.....	.....
" 19..	Edward Drummond..	10,000 00	Damages for personal injuries received by reason of defective condition of sidewalk on the west side of Hicks street, near Cole street, Brooklyn, April 30, 1903.....	James C. Cropsey.
" 19..	Francis Morschhauser	10,000 00	Damages for personal injuries received by reason of defective condition of the sidewalk on the south side of Seventy-seventh street, between Columbus and Amsterdam avenues, December 15, 1902.....	Greenthal & Greenthal.

" 20..	John H. Ratjen....	584 68	Salary as Assistant Clerk in the First District Magistrate's Court, Queens, from August 11 to December 31, 1899.			Daniel T. Hawxhurst.....	1,300 00		"
" 20..	Herbert H. Harvey..	584 68	Salary as Assistant Clerk in the Second District Magistrate's Court, Queens, from August 11 to December 31, 1899.			Anna Carroll.....	1,200 00		"
" 20..	Margaret McGuire...	200 00	For damage to clothing stored in cellar of premises No. 29 East Thirtieth street, by overflow of sewer in August, 1902.....	Charles N. Harris.	" 21..	Patrick King.....	3,600 00		"
" 20..	Dennis O'Sullivan...		Salary as Stenographer of the Fifth District Municipal Court.....	George F. Langbein.	" 22..	John Halpin.....	7,053 00		"
" 20..	Christopher Conway..	2,000 00	Damages for personal injuries received by being run over by a Department of Street Cleaning cart opposite No. 404 East Twenty-ninth street, April 29, 1903.....	Morgan & Seabury.	" 22..	William Johnson, administrator.....	4,484 00		"
" 20..	Chellie Clayman....	10,000 00	Damages for personal injuries received by reason of acts of an employee of Department of Street Cleaning and for false arrest and imprisonment, etc., March 26, 1903.....	Nathan Ballin.	" 21..			Awards in re Harlem River terrace proceeding:	
" 20..	John F. De Cardenas	5,000 00	Damages for personal injuries received by reason of obstruction in front of No. 113 Lexington avenue, Brooklyn, March 30, 1903.....	Jacob Friedman.	" 22..	John O. Baker.....	17,132 09		"
" 21..	Murray C. Dannenbaum	7,348 88	Award for Parcels Nos. 29a and 30 in re opening Honeywell avenue.....	James A. Deering.	" 22..	John O. Baker.....	31,608 52		"
" 21..	Charles A. and Amy L. Reed, executors, etc.	11,467 56	Awards for Parcel No. 4 in re opening Harlem River terrace and Heath avenue.....	"	" 22..	Ernest G. Housman.	162 50	Salary for services as day watchman in taking care of property of Elizabeth Geoghan, an insane person, at the request of the Department of Public Charities, between August 30 and November 3, 1902.....	Charles L. Hubbell.
" 21..	Caroline Weigel....	2,565 00	Award for Parcel No. 19 in re opening Broadway.....	"	" 22..	Ernest G. Housman, assignee	162 50	Salary of Walter F. Housman as night watchman in taking care of property of Elizabeth Geoghan, an insane person, at the request of the Department of Public Charities, between August 30 and November 3, 1902.....	"
" 21..	Associates' Land Company	28,633 77	Awards for Parcels Nos. 10d, 50, 64, 67, 67a, 68a, 68b and 68c in re acquiring title to East Two Hundred and Thirty-third street.....	Joseph A. Flannery.	" 22..	William H. McDowell	730 62	Salary as Foreman Department Water Supply	Alden & Carpenter.
" 21..	Woodlawn Cemetery.	59,439 09	Awards for Parcels Nos. 8, 9, 10a, 10b, 53a, 54, 55, 56, 66a and 66b in re acquiring title to East Two Hundred and Thirty-third street.....	"	" 22..	Frederick Bruch.....	200 00	Damage to property at No. 39 Old Bowery Bay road, Queens, by reason of explosion at Station No. 2 of the Water Department, November 9, 1902.....	A. T. Payne & Son.
" 21..			Awards for lands taken in re Broadway opening.....	"	" 23..	John J. Kenney.....	10,000 00	Damages for personal injuries received by slipping on the ice in front of No. 187 Navy street, Brooklyn, December 25, 1902.....	Edmund F. Driggs.
" 21..	Daniel B. Freedman.	7,463 00		"	" 23..	Joseph F. Brown....	1,000 00	Damages for personal injuries received by being thrown from his bicycle owing to the defective condition of the highway known as Second corner, Brooklyn, May 19, 1903.....	William D. Farrington.
" 21..	Martin C. Larkin....	500 00		"	" 23..	Henry Plage, administrator	30,000 00	Damages for the death of William Henry Plage by being thrown from a bicycle owing to the defective condition of Jamaica avenue at No. 1131 Jamaica avenue, Queens, May 6, 1903	Dailey & Bell.
" 21..	Peter Delaney.....	1,200 00		"	" 23..	Edward C. Bridgman.		Application to have lamp tax for 1887 and State, Town and County taxes for 1884 and 1885, on property on the easterly side of Centre street, Fourth Ward, Richmond, be declared void....	Henry W. Rianhard.

CONTRACTS REGISTERED FOR THE WEEK ENDING MAY 23, 1903.

No.	Date of Contract.	Department.	Borough.	Names of Contractors.	Names of Sureties.	Amount of Bond.	Description of Work.	Cost.
7475	April 15, 1903	Docks and Ferries...	All Boroughs....	Thomas Conley.....	The Aetna Indemnity Company	\$5,000 00	For furnishing about 2,500 hours of towing on the North and East rivers	\$11,125 00
7476	May 9	Docks and Ferries...	Manhattan	Neptune B. Smyth.....	American Bonding Company of Baltimore.....	7,800 00	For preparing for and repairing and painting the buildings on the recreation piers, with appurtenances, on the North and East rivers, Borough of Manhattan.....	19,600 00
7477	" 11	Docks and Ferries...	Manhattan	J. P. Hansen.....	Fidelity and Deposit Company of Maryland.....	4,800 00	For preparing for and repairing and painting the buildings on the recreation piers, with appurtenances, on the North and East rivers, Borough of Manhattan.....	11,097 00
7478	April 22	President of the Borough of Richmond.	Richmond	Michael Fitzgerald.....	Fidelity and Deposit Company of Maryland.....	15,000 00	For regulating and repaving with granite block pavement on a concrete foundation the roadway of Bay street, from Hannah street to Union place, together with all work incidental thereto, in the Borough of Richmond.....	42,427 50
7479	May 8	Parks	The Bronx.....	Olin J. Stephens.....	American Bonding Company of Baltimore.....	300 00	For furnishing and delivering white ash anthracite coal for parks, Borough of The Bronx.....	737 50
7480	" 8	Water Supply, Gas and Electricity....	Manhattan, The Bronx....	H. Mueller Manufacturing Company.....	American Surety Company of New York.....	3,000 00	For furnishing and delivering corporation cocks, curb cocks, soldering nipples and hydrant nozzles, waste cocks and bridges, boroughs of Manhattan and The Bronx.....	8,938 60
7481	" 11	Water Supply, Gas and Electricity....	Richmond	G. W. Dubois.....	American Surety Company of New York.....	1,000 00	For furnishing and delivering and storing of No. 1 pea size anthracite coal, Borough of Richmond.....	2,133 00
7482	" 15	Water Supply, Gas and Electricity....	Manhattan, The Bronx....	John Twinane, Jr.....	American Surety Company of New York.....	1,000 00	For furnishing and delivering one scow at the East Branch and one scow at the West Branch Reservoir, two sets of tools each at the East Branch, Middle Branch and West Branch reservoirs, removing the present flash board irons from the East and West Branch reservoirs, furnishing the necessary materials and labor for and the construction of flash boards at the East Branch, Middle Branch and West Branch reservoirs, all located in Putnam County, N. Y.....	1,995 00
7483	" 12	Water Supply, Gas and Electricity....	Brooklyn	R. W. Geldart.....	American Surety Company of New York.....	1,000 00	For furnishing and delivering steam packing, lamp and asbestos wick, Borough of Brooklyn.....	1,724 80
7484	" 8	Parks	The Bronx.....	Jasper & Goebel.....	The Fidelity and Casualty Company of New York....	1,000 00	For installing plumbing fixtures in the stone buildings near Lorillard Mansion, in Bronx Park, Borough of The Bronx....	1,070 00
7485	" 2	Parks	The Bronx.....	W. D. Bayley.....	The United States Fidelity and Guaranty Company..	3,500 00	For furnishing all the labor and materials for the erection of iron fences on St. Mary's and St. James' parks, in the Borough of The Bronx.....	8,145 80
7486	" 14	Public Charities....	All Boroughs....	John W. Terry.....	Francis H. Leggett, Charles K. Sherwood.....	650 00	For furnishing and delivering groceries.....	1,557 80
7487	" 11	Public Charities....	All Boroughs....	James Rowland & Co...	The Aetna Indemnity Company	750 00	For furnishing and delivering eggs.....	1,771 20
7488	" 12	Public Charities....	All Boroughs....	Sayles, Zahn & Co.....	The City Trust, Safe Deposit and Surety Company of Philadelphia	3,675 00	For furnishing and delivering beef.....	8,818 20
7489	" 1	Fire	Brooklyn, Queens.....	J. Newton Van Ness Company	Fidelity and Deposit Company of Maryland.....	650 00	For furnishing and delivering general supplies for use of the Fire Department, boroughs of Brooklyn and Queens.....	1,402 50
7490	" 11	Education	Manhattan	Nicholas L. Stokes.....	Thomas Stokes and Thomas Thedford	60,000 00	For furnishing and delivering to the Department of Education coal for use in the schools in the Borough of Manhattan, and for the several offices and departments thereof, 1903 and 1904.....	267,368 12
7491	" 7	Education	Queens	John B. Reimer.....	American Surety Company of New York.....	16,000 00	For furnishing and delivering to the Department of Education coal for use in the schools in the Borough of Queens, and for the several offices and departments thereof, 1903-1904.....	65,514 67
7492	" 15	President of the Borough of Brooklyn..	Brooklyn	Henry Hesterberg.....	Dennis Norton and Jonas H. Jones	175 00	For sewer basins on the southeast and southwest corners of Clarkson street and Rogers avenue, in the Borough of Brooklyn.....	330 00
7493	" 15	President of the Borough of Brooklyn..	Brooklyn	Henry Hesterberg.....	Dennis Norton and Jonas H. Jones	75 00	For sewer basin at the northeast corner of Avenue K and Flatbush avenue, in the Borough of Brooklyn.....	180 00
7494	" 15	President of the Borough of Brooklyn..	Brooklyn	Henry Hesterberg.....	Dennis Norton and Jonas H. Jones	70 00	For a sewer basin at the northwest corner of Dorchester road and East Eighteenth street, in the Borough of Brooklyn.....	180 00
7495	April 7	President of the Borough of Brooklyn..	Brooklyn	Brooklyn Alcatraz Asphalt Company.....	The City Trust, Safe Deposit and Surety Company of Philadelphia	11,000 00	For regulating and repaving with asphalt pavement on a concrete foundation the roadway of Driggs avenue, from South Fourth street to North Twelfth street, and from Lorimer street to Graham avenue, and Lorimer street, from Driggs avenue to Nassau avenue, together with all work incidental thereto, in the Borough of Brooklyn.....	36,469 00
7496	May 13	Parks	The Bronx.....	Candee & Smith.....	The Aetna Indemnity Company	700 00	For furnishing and delivering Portland cement and Cow bay sand, for parks, Borough of The Bronx.....	1,937 50
7497	May 14	Bridges	Brooklyn	James Reilly Repair and Supply Company.....	The Aetna Indemnity Company	500 00	For furnishing and installing one 100-horse power steam engine (electric light plant) at the Brooklyn Bridge Power House, Main street, Borough of Brooklyn.....	1,429 00
7498	" 9	Fire	Brooklyn, Queens.....	John C. Orr.....	The United States Fidelity and Guaranty Company....	1,800 00	For furnishing and delivering lumber.....	3,925 08

7499	" 15	Police	Manhattan	Joseph Hahn and Thomas O'Reilly, composing the firm of Hahn & O'Reilly....	American Bonding Company of Baltimore.....	305 00	For furnishing all the labor and materials required for making and completing the repairs and alterations to the station house of the Sixth Precinct, Borough of Manhattan.....	Total	610 00
7500	" 14	Bridges	Brooklyn	The C. and C. Electric Company	American Surety Company of New York.....	500 00	For furnishing and installing one 50 K. W. direct current generator at the Brooklyn Bridge Power House, Main street, Borough of Brooklyn.....	Total	948 00
7501	April 23	Water Supply, Gas and Electricity.....	Queens	Joseph E. Ennis.....	The Aetna Indemnity Company	5,000 00	For furnishing, delivering and storing egg size white ash anthracite coal, Borough of Queens.....	Estimate	17,193 60
7502	May 8	Public Charities.....	All Boroughs.....	Gasteiger & Schaefer....	The Empire State Surety Company	650 00	For furnishing and delivering hay, straw, etc.....	Estimate	1,501 20
7503	" 8	Fire	Manhattan, The Bronx.....	A. F. Brombacher and Wm. H. Hanna, composing the firm of A. F. Brombacher & Co..	American Surety Company of New York.....	850 00	For furnishing and delivering general supplies for use of the Fire Department, boroughs of Manhattan and The Bronx..	Estimate	1,837 96
7504	" 9	Fire	Manhattan, The Bronx.....	John C. Orr.....	The United States Fidelity and Guaranty Company....	1,600 00	For furnishing and delivering lumber, etc., in the boroughs of Manhattan and The Bronx.....	Estimate	3,533 55
7505	" 8	Fire	Brooklyn, Queens.....	A. F. Brombacher and Wm. H. Hanna, composing the firm of A. F. Brombacher & Co..	American Surety Company of New York.....	700 00	For furnishing and delivering general supplies for use of the Fire Department, in the boroughs of Brooklyn and Queens..	Estimate	1,506 45
7506	" 19	President of the Borough of The Bronx	The Bronx.....	John H. Scully.....	The United States Fidelity and Guaranty Company....	700 00	For furnishing and delivering blue stone, flagging and curb stone for use in the Bureau of Highways, Borough of The Bronx..	Estimate	1,650 00
7507	April 28	President of the Borough of Brooklyn..	Brooklyn	Dennis Norton.....	The Empire State Surety Company	1,000 00	For furnishing and delivering clean sharp sand, in the Borough of Brooklyn	Estimate	5,926 20

Approval of Sureties for the Week Ending May 23, 1903.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, viz.:

May 18, 1903—For furnishing for a term of three years street signs, etc., Borough of the Bronx—For the President of the Borough. Peter J. Constant, No. 422a Gates avenue, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

May 18, 1903—For furnishing and delivering broken trap-rock, etc., Borough of The Bronx—For the President of the Borough. The Housatonic Paving Trap-Rock Company, No. 3 East Fourteenth street, Principals. The Aetna Indemnity Company, No. 68 William street, Surety.

May 18, 1903—For erecting the foundations for the Scarlet Fever Pavilion at Willard Parker Hospital, Borough of Manhattan—For the Department of Health. John Monks & Sons (Inc.), No. 130 Water street, Principals. The United States Fidelity and Guaranty Company, No. 140 Broadway, Surety.

May 18, 1903—For erecting a nurses' home at the Riverside Hospital, North Brother Island, Borough of the Bronx—For the Department of Health. John R. Sheehan & Co. (Inc.), No. 160 Fifth avenue, Principals. The Aetna Indemnity Company, No. 68 William street, Surety.

May 18, 1903—For furnishing and delivering 5,000 cubic yards of sand, Borough of Richmond—For the President of the Borough. Phoenix Towing and Transportation Company, No. 17 State street, Principals. American Surety Company of New York, No. 100 Broadway, Surety.

May 18, 1903—For paving with asphalt blocks the Southern Boulevard from East One Hundred and Thirty-eighth street to Boston road at One Hundred and Seventy-fourth street. The Hastings Pavement Company, No. 25 Broad street, Principals. The United States Fidelity and Guaranty Company, No. 140 Broadway; Fidelity and Deposit Company of Maryland, Sureties.

May 18, 1903—For erecting a concrete steel and stone bridge over the Bronx river at Newell avenue, Borough of the Bronx—For the Department of Parks. Frederick Koopman, No. 3218 Third avenue, Principal. American Surety Company of New York, No. 100 Broadway, Surety.

May 19, 1903—For furnishing and delivering iron and steel for use at repair shops, No. 130 West Third street, Borough of Manhattan—For the Department of Fire. P. J. Langer, No. 91 Grand avenue, Brooklyn, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

May 20, 1903—For furnishing and delivering coal, Borough of The Bronx—For the Department of Education. Olin J. Stevens, One Hundred and Forty-sixth street and Grand avenue, Principal. American Bonding Company of Baltimore, Surety.

May 20, 1903—For paving with Medina sandstone Cook street, from Manhattan avenue to Bogart street, etc., Borough of Brooklyn—For the President of the Borough. John O'Grady, No. 72 North Eighth street, Principal. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; American Surety Company of New York, No. 100 Broadway, Sureties.

May 20, 1903—For paving with granite blocks Rockaway avenue, from McDougall street to Atlantic avenue, Borough of Brooklyn—For the President of the Borough. McDermott & Foxton, East New York and Buffalo avenues, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 20, 1903—For furnishing paints, oils, etc., Borough of Manhattan—For the Department of Fire. Thomas C. Dunham (Inc.), No. 68 Murray street, Principal. The United States Fidelity and Guaranty Co., No. 140 Broadway, Surety.

May 20, 1903—For furnishing 20 hot water tanks, The City of New York—For the Department of Fire. E. N. Cokefair, No. 39 Cortlandt street, Principal. Fidelity and Deposit Company of Maryland, Surety.

May 20, 1903—For furnishing harness shop supplies, Borough of Brooklyn—For the Department of Fire. George Worthington, No. 110 Warren street, Principal. American Surety Company of New York, No. 100 Broadway, Surety.

May 20, 1903—For supplies for the harness shop, Borough of Brooklyn—For the Department of Fire. J. Newton Van Ness, No. 120 Chambers street, Principal. Fidelity and Deposit Company, of Maryland, Surety.

May 20, 1903—For furnishing cast iron water pipes, etc., Borough of Manhattan—For the Department of Water Supply, Gas and Electricity. M. J. Drummond, No. 192 Broadway, Principal. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Surety.

May 20, 1903—For alterations and repairs to Public School 20, Borough of Queens—For the Department of Education. William A. Haak, No. 318 Barclay street, Principal. The United States Fidelity and Guaranty Company, No. 140 Broadway, Surety.

May 20, 1903—For repairs and alterations to Public School 71, Borough of Manhattan—For the Department of Education. Wm. Klein, No. 191 East Third street, Principal. George Weis, No. 532 Fifth street; Edward Michel, No. 40 Avenue B, Sureties.

May 20, 1903—For alterations and repairs to Public School 33, Borough of Manhattan—For the Department of Education. Hugh McLean, No. 430 West Forty-second street, Principal. National Surety Company, No. 346 Broadway, Surety.

May 20, 1903—For repairs and alterations to Public Schools 7, 13, 21, 42, 68, 79, 80, 120 and 137, Borough of Manhattan—For the Department of Education. I. Hoffman, No. 329 Madison street, Principal. The United States Fidelity and Guaranty Company, No. 140 Broadway, Surety.

May 20, 1903—For paving with asphalt One Hundred and Forty-seventh street, from St. Nicholas avenue to Convent avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Thirty-fourth street, from Madison avenue to Fifth avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Twenty-fifth street, from First avenue to Second avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Twenty-first street, from Lexington avenue to Madison avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

dent of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Seventy-seventh street, from Park avenue to Fifth avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Seventy-fifth street, from Lexington avenue to Park avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Seventy-third street, from Avenue A to Third avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixty-eighth street, from Avenue A to First avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixtieth street, from Avenue A to First avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Fifty-fifth street, from Broadway to Eighth avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Fifty-fifth street, from Avenue A to First avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Fifty-third street, from First avenue to Park avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Thirty-fifth street, from Second avenue to Third avenue, Borough of Manhattan—For the President of the Borough. The Barber Asphalt Paving Company, No. 11 Broadway, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; National Surety Company, No. 346 Broadway, Sureties.

May 20, 1903—For paving with asphalt Cherry street, from Jefferson street to a point 150 feet westerly, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Seventy-fifth street, from Avenue A to First avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixty-sixth street, from Avenue A to Third avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixty-fifth street, from Avenue A to Third avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixty-fourth street, from Avenue A to Second avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixty-second street, from Avenue A to Second avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Forty-ninth street, from Tenth avenue to Eleventh avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Forty-ninth street, from Eighth avenue to Ninth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Forty-sixth street, from Eighth avenue to Eleventh avenue, Borough of Manhattan—For the President of the Borough.

Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Forty-fifth street, from Eighth avenue to Tenth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Forty-third street, from Ninth avenue to Eleventh avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Thirty-sixth street, from Ninth avenue to Tenth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Thirty-third street, from Sixth avenue to Ninth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Twenty-fifth street from Sixth avenue to Eighth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Twentieth street from Seventh avenue to Ninth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Thirteenth street, from Sixth avenue to Seventh avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Sixteenth street, from Seventh avenue to Tenth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Thirty-fifth street, from Ninth avenue to Tenth avenue, Borough of Manhattan—For the President of the Borough. Uvalde Asphalt Paving Company, No. 1 Broadway, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway, Sureties.

May 20, 1903—For paving with asphalt Amsterdam avenue, from One Hundred and Forty-first street to One Hundred and Fifty-fifth street, Borough of Manhattan—For the President of the Borough. The Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Thirty-third street, from Madison avenue to Fifth avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Twenty-seventh street, from Second avenue to Park avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Thirty-second street, from Park avenue to Fifth avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Thirty-first street, from Park avenue to Eighth avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Twenty-eighth street, from Second avenue to Park avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Twenty-sixth street, from First avenue to Second avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Sixth street, from Park avenue to Fifth avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals; The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Sixth street, from First avenue to Lexington avenue, Borough of Manhattan—For the President of the Borough. Asphalt Construction Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt One Hundred and Fifth street, from Park avenue to Fifth avenue, Borough of Manhattan—For the President of the Borough—Asphalt Consolidated Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 20, 1903—For paving with asphalt Ninety-second street, from Central Park West to Columbus avenue, Borough of Manhattan—For the President of the Borough—Asphalt Consolidated Company, Madison avenue and One Hundred and Thirty-seventh street, Principals. The City Trust, Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway; The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 21, 1903—For the erection of new male servants' dormitory, City Hospital, Blackwell's Island, Borough of Manhattan—For the Department of Public Charities. Joseph E. Butterworth, No. 2070 Rye avenue, Principal. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For the erection of a new Reception Hospital at Randall's Island, Borough of The Bronx—For the Department of Public Charities. Herman F. Lippe & Bros., No. 1788 Third avenue, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For building the masonry pedestals on the top of tower foundations of Manhattan Bridge, No. 3, The City of New York—For the Department of Bridges. John C. Rodgers, No. 536 West One Hundred and Fifty-second street, Principal. Fidelity and Deposit Company of Maryland; The Aetna Indemnity Company, No. 68 William street, Sureties.

May 21, 1903—For erecting two isolation pavilions on Randall's Island, Borough of The Bronx—For the Department of Public Charities. William Klennert, No. 232 East Seventy-eighth street, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

May 21, 1903—For alterations to two buildings for use of employees on Blackwell's Island, Borough of Manhattan—For the Department of Public Charities. William Klennert, No. 232 East Seventy-eighth street, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

May 21, 1903—For the general construction of Public School 84, Borough of Queens—For the Department of Education. George Hildebrand, No. 442 Stockholm street, Principal. Fidelity and Deposit Company of Maryland, The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Sureties.

May 21, 1903—For sanitary work for Public School 84, Borough of Brooklyn—For the Department of Education. Wm. Sheehan, No. 204 Rent street, Principal. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For sanitary work on Public School 7, Borough of Queens—For the Department of Education. Nicholas Nehrbauer, Jr., No. 683 Steinway avenue, Principal. Fidelity and Deposit Company of Maryland, Surety.

May 21, 1903—For new furniture for Public School 34, Borough of Richmond—For the Department of Education. Manhattan Supply Company, No. 127 Franklin street, Principals. James S. Barron, No. 329 West Twenty-second street; Wm. H. Barron, No. 320 West Seventy-seventh street, Sureties.

May 21, 1903—For alterations and repairs to Public Schools 30, 40, 67 and 77, Borough of Brooklyn—For the Department of Education. John Reilly, No. 420 Seventh avenue, Brooklyn, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

May 21, 1903—For new furniture for Public School 142, Borough of Brooklyn—For the Department of Education. Narragansett Machine Company, Providence, R. I., Principals. American Surety Company of New York, No. 100 Broadway, Surety.

May 21, 1903—For furniture for Public School 142, Borough of Brooklyn—For the Department of Education. C. H. Browne, No. 70 Fifth avenue, Principal. National Surety Company, No. 346 Broadway, Surety.

May 21, 1903—For new furniture for Public School 142, Borough of Brooklyn—For the Department of Education. Andrews School Furniture Company, No. 9 West Eighteenth street, Principals. American Surety Company of New York, No. 100 Broadway, Surety.

May 21, 1903—For alterations and repairs to Public Schools 20 and 22, Borough of Brooklyn—For the Department of Education. Berkovitz & Brady, No. 1472 First avenue, Principals. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For furnishing cast iron water pipes, etc., Borough of Manhattan—For the Department of Water Supply, Gas and Electricity. Warren Foundry and Machine Company, Phillipsburg, N. J., Principals. American Surety Company of New York, No. 100 Broadway, Surety.

May 21, 1903—For painting four buildings of the Central Park Menagerie, Borough of Manhattan—For the Department of Parks. Charles Brunner, No. 508 East One Hundred and Twentieth street, Principal. The United States Fidelity and Guaranty Company, No. 140 Broadway, Surety.

May 21, 1903—For supplies for the Bureau of Public Buildings, Borough of Brooklyn—For the President of the Borough. Thomas Mahan, No. 171 Devoe street, Principal. Albert Weiner, No. 690 Broadway; John C. Nayent, No. 395 Keap street, Sureties.

May 21, 1903—For alterations and repairs to Public Schools 36, 48 and 50, Borough of Brooklyn—For the Department of Education. Frederick E. Jarger, No. 125 Greenpoint avenue, Principal. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For repairs and alterations to Public School 68, Borough of Brooklyn—For the Department of Education. George Stanton, No. 56 St. Mark's place, Principal. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For alterations and repairs to Public School 19, Borough of Brooklyn—For the Department of Education. John Reilly, No. 420 Seventh avenue, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

May 21, 1903—For repairs and alterations to Public School 23, Borough of Brooklyn—For the Department of Education. Frank M. Walsh, No. 227 Clinton street, Principal. The Empire State Surety Company, No. 375 Fulton street, Borough of Brooklyn, New York City, Surety.

May 21, 1903—For new furniture for Public School 123, Borough of Brooklyn—For the Department of Education. Narragansett Machine Company, Providence, R. I., Principals. American Surety Company of New York, No. 100 Broadway, Surety.

May 21, 1903—For furniture for Public School 123, Borough of Brooklyn—For the Department of Education. Henry Lang, No. 95 Liberty street, Principal. American Surety Company of New York, No. 100 Broadway, Surety.

May 21, 1903—For new furniture for Public School 123, Borough of Brooklyn—For the Department of Education. C. H. Browne, No. 70 Fifth avenue, Principal. National Surety Company, No. 346 Broadway, Surety.

May 21, 1903—For furniture for Public School 51, Borough of Queens—For the Department of Education. C. H. Browne, No. 70 Fifth avenue, Principal. National Surety Company, No. 346 Broadway, Surety.

May 21, 1903—For heating and ventilating plants for public School 6 (65), Borough of The Bronx—For the Department of Education. E. Rutzer, No. 176 Centre street, Principal. Fidelity and Deposit Company of Maryland, Surety.

May 21, 1903—For operating stages to convey pupils to schools, Borough of Queens—For the Department of Education. August W. Fitter, Far Rockaway, Principal. The Aetna Indemnity Company, No. 68 William street, Surety.

Opening of Proposals for the Week Ending May 23, 1903.

The Comptroller, by representative, attended the opening of proposals at the following departments, viz.:

May 18, 1903—For improvements to the kitchen building and the morgue on the grounds of the Willard Parker Hospital, Borough of Manhattan—For the Department of Health.

May 18, 1903—For alterations and improvements in Public School 87 and in 9 other schools. For heating and ventilating plants in Public schools 10, 12, 60, 72 and 77. For new furniture for Public School 138, Borough of Brooklyn. For installing electric light, wiring, etc., in Public School 34, Borough of The Bronx. For repairs and alterations to Public School 166 and 19 other schools. For alterations to heating plants in Public Schools 5 and 96. For erecting benches and shelter on the roof playgrounds of various schools. For furniture for Public School 92, Borough of Manhattan. For sanitary work in Long Island City High School. For installing new slate blackboards, new shade, etc., in Public Schools 1, 2, 4, 20, 30 and 31 Borough of Queens—For the Department of Education.

May 19, 1903—For furnishing a new boiler at the Tottenville Pumping Station, Borough of Richmond. For building materials and boilers at pumping stations, Borough of Queens. For cast iron water pipes, stop cocks, lamps, globes, etc., Borough of Manhattan—For the Department of Water Supply, Gas and Electricity.

May 19, 1903—For cutting timber and clearing grounds for the New Croton Reservoir, The City of New York—For the Aqueduct Commission.

May 19, 1903—For building a new station house, prison and stable for the Seventy-fifth Precinct, Borough of Queens—For the Department of Police.

May 19, 1903—For furnishing a gasoline automobile carriage, Boroughs of Manhattan and The Bronx—For the Department of Street Cleaning.

May 20, 1903—For furnishing coal and forage; for the alterations and repairs of certain rooms in Borough Hall for use of Supreme Court, Borough of Brooklyn—For the President of the Borough.

May 21, 1903—For furnishing 714 tons of coal for the Normal College, Borough of Manhattan—For the Department of Education.

May 21, 1903—For constructing a concrete steel arch bridge over the Bronx river, Borough of The Bronx—For the Department of Parks.

May 22, 1903—For furnishing coal, The City of New York—For the Board of Trustees of Bellevue and Allied Hospitals.

May 22, 1903—For building a pier at the foot of Bay Ridge avenue, and one between Fifty-first street and Fifty-second street; for repairing and painting the Recreation Pier at the foot of Metropolitan avenue, Borough of Brooklyn—For the Department of Docks and Ferries.

Official Designation.

N. Taylor Phillips, Deputy Comptroller, to act as Comptroller from Monday, May 18, to Saturday, May 30, 1903, both days inclusive.

N. T. PHILLIPS, Deputy Comptroller.

DEPARTMENT OF DOCKS AND FERRIES.

Transactions of the Department of Docks and Ferries for the Week Ending Saturday, May 16, 1903.

The following communications were received and ordered on file, action being taken thereon as stated, to wit:

From the Mayor—

First—Transmitting communication from S. S. O'Loughlin, President of the Columbia University Rowing Club, asking for removal of the Department piling and timber near their boat-house at Sherman's creek, Harlem river. Report of Engineer-in-Chief transmitted, to the effect that it is absolutely essential to have the piling and timber at the locality complained of, as this space has been set aside as a timber basin, but that steps will be taken to abate the nuisance complained of to a considerable extent.

Second—Stating that he has received a petition from the parents of children using the East Third Street Recreation Pier for school purposes urging that the school be maintained there until the close of the session on June 30, 1903, and that he will be glad to ask that the Board of Education be allowed to remain on the pier until that date; and also requesting that Jacob W. Mack, Chairman of the School Board, be advised as to the Department's decision in the matter. Mr. Mack informed that permission has been granted, as requested.

From the Comptroller—

First—Submitting for approval of the Commissioner of Docks the substitution of J. R. Edwards and H. E. Bowne as sureties in the place of B. A. Starr and P. C. O'Rourke on the estimate of D. B. Duncan & Son for furnishing coal under Contract No. 780. Comptroller advised that Commissioner does not approve of individual sureties on leases or contracts, as Department has no means of investigating their sufficiency or adequacy, and requested to furnish a surety company as surety on the above contract.

Second—Transmitting claim of Goodwin Brothers for the return of moneys paid by them for the maintenance of floating dump in front of bulkhead between Eighteenth and Nineteenth streets, North river, and requesting information in relation thereto. Secretary directed to furnish Comptroller with all the facts in the matter.

Third—Transmitting communication from the Corporation Counsel and certified copy of order of Supreme Court (with report of the Commissioners of Estimate and Assessment, in proceedings for the acquisition of property between Eighteenth and Twentieth streets, East river, including the Pier at the foot of East Nineteenth street, title to which property was vested in The City of New York on November 3, 1900), and stating that he has fixed upon May 18, 1903, as the date when payment of the awards, with interest, amounting in the aggregate to \$91,623.75, shall be paid to John U. Brookman, the owner, and asking that requisition be drawn in favor of Brookman for the amount. Auditor directed to prepare requisition.

Fourth—Requesting a diagram of the Pier at the foot of West Thirtieth street, North river, showing the several dumping boards now located thereon and the area covered by the dumping board of Martin H. Healey and also of that proposed to be substituted therefor. Secretary directed to transmit report of Engineer-in-Chief, together with tracing showing information desired.

From the Corporation Counsel—

First—Stating that it would be necessary for the Department to make application to the Commissioners of the Land Office for a grant of the lands under water at Rossville, Borough of Richmond, upon which it is proposed to erect a public dock, and also to pay all expenses, together with the price at which such lands under water should be appraised, as the said lands under water are not owned by the estate of Mary Cole, from which the Committee of Citizens of Rossville proposed to purchase a site for the dock; but that the Department could adopt a plan for the improvement of the water front at the locality in question, and that after approval of said plans by the Commissioners of the Sinking Fund an application to the Commissioners of the Land Office for a grant of land under water, pursuant to the provisions of section 86 of the Charter, could be made, and thereafter the committee could, if they still had the option, convey the upland to the City. Engineer-in-Chief directed to prepare plans for improvement, and Committee of Citizens advised to take the course suggested by the Corporation Counsel.

Second—Stating that in his judgment the Commissioner of Docks cannot legally, without the approval of the Commissioners of the Sinking Fund, grant permits during the pleasure of the Commissioner for an indefinite period exceeding one year of wharf property, land under water, etc., where the property has not been improved under the new plan, always excepting lands under water required for the purposes provided for in section 819 of the Charter.

Third—Stating that chapter 609, Laws of 1902, does not repeal the Special Act, chapter 277, Laws of 1869, as amended by chapter 327, Laws of 1901, providing for special leases to be made by the Commissioners of the Sinking Fund of strictly wharf property for the benefit of the Fulton Fishmongers' Association of New York.

From the Municipal Civil Service Commission, submitting the names of John F. Feeley, Alexander Siebecker, Earle W. Hammond, Joseph Siegel, Jr., Robert Albert and Albert Chapman as being eligible for appointment to the position of Stenographer and Typewriter, at a salary of \$1,000 per annum. Referred to the Secretary.

From the Bureau of Buildings, calling attention to the unsafe condition of gas tank between Nineteenth and Twentieth streets, North river. Said Department advised that the work of removing the gas tank is now in progress, but that excavations made do not imperil the structure in question.

From the City Clerk, transmitting resolution of the Board of Aldermen, adopted April 21, 1903, asking that the heads of the several departments of The City of New York in which a holiday was granted to per diem employees on Good Friday, April 10, 1903, allow pay for the holiday so granted. So ordered.

From the Commissioners of the Sinking Fund, transmitting copy of report of Engineer of the Finance Department stating that it appears advantageous to the City to permit the extension of the lease of Pier, new 38, North river, to the Southern Pacific Company, provided the lessee covenants to replace the wooden shed by a steel structure, which would revert to the City at the expiration of the lease, but that the rental for Pier, new 37, North river (proposed to be leased to the same company), should be increased. Copy of report of Auditor transmitted, to the effect that it would be unjust to the lessee to increase the rental for a term that has ten years to run, since the rent provided in the old lease is largely in excess of many other rentals paid for wharf property in the vicinity.

From the Commissioner of Street Cleaning, transmitting communication from Booth, Dailey & Ivins, contractors, requesting that piles be driven by this Department in front of the platform at Riker's Island. Advised that the piles will be driven if the contractors will agree to pay the cost of the work.

From the Department of Taxes and Assessments—

First—Transmitting assessed valuation of premises between Twentieth and Twenty-first streets, on the North river.

Second—Requesting information relative to the ownership of the piers, bulkheads and platforms between Piers 9 and 11, North river. Secretary directed to furnish the information requested, as submitted by the Engineer-in-Chief.

From the United States Engineer's Office, New York, stating that the wreck of the tugboat "Gilbert" is inside of the established harbor line of Whale creek, Borough of Brooklyn, and that it is not, therefore, within the province of said Department, but is a matter to be attended to by the riparian owners of the locality. Moore Estate, the riparian owners, notified to remove the wreck.

From American Ice Company, submitting plan for the erection of an engine-house and shafting on the northerly side of the East Ninety-first Street Pier for hoisting ice, permit for which was granted April 21, 1903. Said company notified that plan will be approved, provided the roof, sides and ends are covered with sheet metal, and, further, that one side or end of the building be left open.

From the Central Railroad Company of New Jersey, making claim for \$47.24, to cover amount paid by them to Tefft, Weller & Co. for damage to merchandise while on their Pier, 13, North river, caused by plant of this Department employed thereat. Said company advised that the Department does not consider itself responsible for the damage, but that claim may be filed with the Comptroller, as this Department has no authority to settle same.

From the Compagnie Generale Transatlantique, stating that upon advice of their counsel they do not wish to be considered as consenting to the use of the bulkhead south of Pier, new 42, North river, by the New York and Jersey Railroad Company, but that if the Department insists upon taking action upon the application of said New York and Jersey Railroad Company they desire such restrictions and conditions imposed as will cause the least annoyance and risk to the French line and its property. Compagnie Generale Transatlantique requested to advise Department what their counsel bases his contentions on, and advised that permit is granted subject to proper restrictions.

From Alexander Crawford Chenoweth, requesting an extension of time in which to complete the filling in in the rear of the crib work between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets, Harlem river. Extension granted to June 1, 1903.

From the Consolidated Gas Company, returning bill of the Department for cost of repairs made to Pier foot of East Twenty-second street, where damaged by steamer "Madura," with statement that said steamer left their pier at the foot of Twenty-first street, East river, after discharging cargo on November 6, 1902, and that it is now too late to attempt to do anything in the matter. Engineer-in-Chief to note recommendation of Auditor that when wharf property is damaged the owner or agents of the vessel causing the damage be immediately notified.

From the Erie Railroad Company, in relation to the permit granted them to sublet to the Crescent Ice Company a portion of the West Forty-ninth Street Pier, and stating that there are no sureties on the present lease of the pier.

From A. Marschat, reporting damage to his coal bins south of Seventy-fourth street, East river, caused by the work of construction thereat by this Department, and requesting to be reimbursed to the extent of \$300. Notified that he is occupying 2,726 square feet of land under the jurisdiction of this Department, and directed to apply for permission to so occupy same at a compensation to be fixed by the Commissioner.

From John B. McDonald, requesting that the West Fifty-eighth Street Pier lease be executed. Advised that the Commissioners of the Sinking Fund will probably take action on this lease at their next meeting.

From William J. McGirr, complaining of the manner in which the sewer at the foot of Forty-fourth street, North river, is being constructed, and stating that he has again been compelled to close his dumping board thereat. Informed that the Deputy Commissioner will make a physical examination of the premises.

From Morris & Fay, attorneys for H. & A. Allan, stating that the offer of the lease of West Twenty-first Street Pier, or Pier, new 40, North river, is acceptable, except that they desire, in the event of taking a lease of Pier, new 40, North river, to have the lease for a term of ten years. Company advised that the Department does not think the Allan-State Line has any just claim for a renewal term of the present lease of Pier, new 40, which has ten years to run from May 1, 1903.

From the New York Central and Hudson River Railroad Company, asking to be advised as to when the bulkhead wall will be built at the foot of One Hundred and Thirty-first street, North river, in order that they may be able to determine when they can proceed with the work of placing drain pipe through the wall thereat. Said company notified that it is impossible to state at what date the wall will be completed, owing to scarcity of stone and to the various strikes now going on, but that it will be notified when it may proceed with work of extending pipe, and that openings will be left in the bulkhead wall for receiving the pipe.

From the New York Dock Company, acknowledging receipt of permit for erection of sheds on Piers Nos. 7, 34, 35 and 38, Borough of Brooklyn.

From the Pennsylvania Railroad Company, requesting leases for a term of ten years, with renewal privilege of ten years, of land under water covered by platforms in front of the bulkhead south of Pier, old 4, between Piers, old 4 and 5, in front of bulkhead northerly of Pier, old 5, together with land under water, for widening north and south of Pier, old 5, and between Piers, old 4 and 5, North river. Notify said company that the Department will entertain a proposition at the usual rate, 25 cents per square foot per annum.

From Sperry & Popham Coal Company, reporting dredging necessary in the vicinity of One Hundred and Thirty-fifth and One Hundred and Thirty-sixth streets, Harlem river. Said company requested to advise whether the suggestion of the Auditor, that the cost of dredging be paid equally by the City and by the private owners or occupants of the bulkhead on either side of the slip (each paying one-third of the cost), is satisfactory to it.

From Roy Stone, stating that the Automobile Club of America has some of the steel channels contributed by Mr. Schwab, of the United States Steel Corporation; that the material is in the hands of Col. F. B. Jones, U. S. A., in Harlem, and that they will be glad to supply the Department with the small quantity necessary, free of charge to the City, for the pier, foot of Canal street, North river. Gen. Stone requested to advise the Department as to the location of the material at the present time so that steps may be taken to convey same to the Canal Street Pier.

From G. P. Simmons, requesting a permanent berth at either Pier, new 5, or Pier, new 6, East river, preferably Pier, new 6, East river. Informed that there is no room at the localities mentioned, but that the Department could probably accommodate him at Fiftieth street, North river, if desired.

From James Tregarthen, Sons & Co., requesting a lease of the northerly half of the Pier foot of Seventh street, East river. Requested to advise the Department why a permit will not answer their purpose as well as a lease.

The following permits were granted, the work to be done under the supervision of the Engineer-in-Chief:

New York, New Haven and Hartford Railroad Company, to build two mooring cribs in the vicinity of Cabot street, Oak Point, Borough of The Bronx.

Union Stock Yard and Market Company, to build a temporary runway, with fences, on the new portion of the Pier foot of West Fifty-eighth street, to be used during the time that the old pier is being taken down and rebuilt, the privilege to continue during the pleasure of the Commissioner and upon condition that the company will agree in writing to pay the cost of restoring the pier to its original condition should such work be deemed necessary in the opinion of the Commissioner of Docks.

Otto E. Reimer, to erect a lime and cement shed near the foot of Stagg street, Newtown creek, Borough of Brooklyn, the work to be done in accordance with plans submitted, and the structure to remain thereat only during the pleasure of the Commissioner.

Estate of S. W. Bowne, to construct an overhead bridge for the purpose of carrying a cable driving rope to their factory, at Bay street, Gowanus canal, Borough of Brooklyn, the structure to be erected in accordance with plans submitted as amended and to remain thereat only during the pleasure of the Commissioner of Docks.

Bowery Bay Building and Improvement Company, to extend the boardwalk and to erect an open pavilion thereon at North Beach, Bowery Bay, Borough of Queens, the structures to be erected in accordance with plans submitted, as amended, and to remain thereat only during the pleasure of the Commissioner of Docks.

The following permits were granted, the work to be done under the supervision of the Engineer-in-Chief and to be kept within existing lines:

New York Dock Company, to repair the bulkhead commencing at the southerly side of Amity street, in the Borough of Brooklyn, and running 250 feet from the bulkhead along the warehouse outshore to what is known as Pier No. 24.

New York, New Haven and Hartford Railroad Company—

First—To repair Pier 31, East river.

Second—To repair fender piles and chocks at Piers Nos. 18 and 19, North river. Hecker-Jones-Jewell Milling Company, to repair the Pier near the foot of One Hundred and Twenty-eighth street, Harlem river.

The following permit was granted, the privilege to continue only during the pleasure of the Commissioner of Docks, but not longer than April 30, 1904:

Police Department (Captain Forty-second Precinct), to maintain a small float under Pier "A," North river, to be used for the purpose of placing thereon the bodies of drowned persons.

George Rae, to maintain house and float at the foot of Tiffany street, Borough of The Bronx, at a rental of \$1 per month.

Stephen I. Mosher, to maintain a watchman's house at the foot of One Hundred and Thirty-fifth street, Harlem river, compensation to be paid therefor at \$2 per month.

Atlanta Boat Club, to maintain a boathouse at the foot of One Hundred and Fifty-second street and Seventh avenue, Harlem river, compensation to be paid for the privilege at the rate of \$5 per month.

Terry & Tench Construction Company, to use and occupy space 50 by 100 feet for the purpose of storing building material, between Fifty-second and Fifty-fourth streets, North river, the exact location to be designated by the Dockmaster of the district, compensation to be paid for the privilege at the rate of \$300 per annum.

Charles W. Davis, to berth the steam lighter "Hattie Palmer" at Pier, old 54, East river, on Monday, Wednesday and Friday of each week, at the same berth occupied on Tuesday, Thursday and Saturday of each week by the steamer "Mary S. Gordon," compensation to be paid for the privilege at the rate of \$2 for each day that the berth is so used by the lighter "Hattie Palmer."

Lone Star Boat Club, to maintain a boathouse and float at the foot of One Hundred and Fifty-third street, Harlem river, and to construct an extension thereto in accordance with plans submitted as amended, compensation to be paid for the privilege at the rate of \$10 per month.

D. Brinkman, for the use of 2,250 square feet of land under water for platform between Eighty-first and Eighty-second streets, East river, compensation to be paid for the privilege at the rate of 25 cents per square foot per annum, amounting to \$562.50.

J. L. Keating & Co., to use and occupy spaces 50 by 100 feet in the rear of bulkheads between Piers, new 42 and 43, North river; between Fiftieth and Fifty-first streets, North river; between Twenty-third and Twenty-fourth streets, East river, and between Sixtieth and Sixty-first streets, East river; compensation to be paid for these privileges at the rate of \$300 per annum for each location.

Consolidated Gas Company, to use and occupy bulkhead at the foot of West Forty-first street, North river, compensation to be paid for the privilege at the rate of \$300 per annum, said rental to commence from May 1, 1903, the date on which said company entered into occupation and commenced the payment of rental.

New York and Jersey Railroad Company, to occupy bulkhead between Piers, new 41 and 42, North river, at compensation fixed in permit heretofore granted (and which this is intended to amend), subject to the following restrictions:

First—That no more than five scows per week shall be moved alongside of the bulkhead wall.

Second—That while any ship of the French Line is docked south of Pier, new 42, North river, scows shall be run out during slack water only.

Third—That the trestle from the tunnel works to the bulkhead shall be inclosed, as indicated on said plans, and that the chutes shall also be inclosed.

The remaining terms and conditions of the permit heretofore granted to remain the same.

Mrs. Anna Frank, to maintain a boat float 15 by 15 feet at the foot of Farragut street, Hunt's Point, Westchester, Long Island Sound, in the Borough of The Bronx, compensation to be paid for the privilege at the rate of \$1 per month.

Nicholas J. Carey, to maintain a boat float at the bulkhead between Little West Twelfth and West Thirteenth streets, North river, compensation to be paid therefor at the rate of \$2 per month, payable monthly.

Interurban Street Railway Company, to construct intake and overflow flumes, and also foundation for a coal and ash tower, on the westerly side of the Harlem river, between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, Borough of Manhattan, the work to be done in accordance with plans submitted and approved and under the direction and supervision of the Engineer-in-Chief, compensation to be paid for said privilege at the rate of \$121.04 per annum.

Tide Water Oil Company, to maintain tallyhouse on Pier, old 12, East river, compensation to be paid for the privilege at the rate of \$2 per month.

The following permits were granted, the privilege to continue only during the pleasure of the Commissioner of Docks:

Hinchliffe Steamboat Company, to land their steamer "Wm. Storie" at the Battery Landing during the season of 1903, compensation to be paid for the privilege at the rate of \$4 per day.

E. M. Timmis, to land the steamer "St. Johns" at the Battery Landing on June 8, 10 and 12, 1903, from 9.10 to 9.20 a. m., on the days of the trial races off Sandy Hook, the regular rate of wharfage to be paid for the privilege.

Seagate Association, to land their boats at the Battery during the season of 1903, compensation to be paid for the privilege at the rate of \$3 per day for each boat.

Knickerbocker Steamboat Company, as follows:

First—To land the steamers "General Slocum" and "Grand Republic" at the Battery Landing, compensation to be paid at the rate of \$10 per day for each boat.

Second—To occupy berth on the south side of the West Fiftieth Street Pier for their steamer "Grand Republic" or "General Slocum" for a period of about 100 days from May 25, 1903, compensation to be paid therefor at the rate of \$5 per day.

Third—To make landings at the West One Hundred and Twenty-ninth Street Pier and to occupy berth on the south side of said pier at night, in the same manner as last season, compensation to be paid for the entire privilege at the same rate as last season, viz., \$10 per day.

The above privileges are for the season of 1903.

The following permits were revoked:

Archibald Watt, to berth the yacht "America" at the Recreation Pier foot of West One Hundred and Twenty-ninth street, North river, to take effect May 15, 1903.

Robert Hinds, to maintain watchman's shanty on the Pier foot of Fifth street, East river, as of October 14, 1902.

The Comptroller approved the sureties on Classes I, II, III, IV, V and VI, of Contract No. 781, for painting the recreation piers in the Borough of Manhattan, and also on Classes I, II, IV, V, VI and IX, of Contract No. 760, for obtaining supplies; Contract No. 775, for rope, and Contract No. 783, Classes I, II and III, for stationery.

The Corporation Counsel approved form of advertisement and form of Contract No. 790, for sprinkling the new-made land, and also of Contract No. 792, for preparing for and building a new pier, with appurtenances, near the foot of Jefferson street, East river, Borough of Manhattan, to be known as Pier No. 36, or Jefferson Street Pier East, East river.

An extension of time was granted Bernard Rolf, the contractor under Contract No. 753, for building West Fifty-eighth Street Pier, to and including June 15, 1903.

R. G. Packard & Co. submitted the consent of the Aetna Indemnity Company and the American Bonding Company, of Baltimore, as sureties to the extension of time granted to and including June 1, 1903, for the completion of dredging between Twenty-first and Twenty-third streets, North river, Borough of Manhattan, under Contract No. 740, and the Comptroller was notified of such consent.

The specifications and form of contract submitted by the Engineer-in-Chief for printing the form of contracts of the Department for the remainder of the year 1903 were approved, subject to the approval of the Corporation Counsel as to form, and the Secretary was directed to have a sufficient number of blank proposals printed and the necessary advertisement inviting estimates inserted in the newspapers designated by law.

The Comptroller was requested to attach his certificate to Contract No. 775, for rope. The credit account of the Brockway Brick Company, for wharfage, was revoked. The following orders were issued:

No. 21946. Thomas C. Dunham, Incorporated, 10 barrels of 76-degree deodorized gasoline, about 500 gallons, at 18 3/4 cents per gallon.

Nos. 21942, 21943 and 21944. W. J. Collins, John McGivney and Robert Turley, each for 30 days' use of horse, cart and driver, at \$3.50 per day.

No. 21941. Department of Street Cleaning, 6 dozen scrapers, similar to those used in the Department of Street Cleaning.

The Superintendent of Docks was directed to make requisition for wheeling cans and bags.

No. 21947. Thomas C. Dunham, Incorporated, 20 barrels Star pitch, at \$1.75 per barrel.

No. 21948. Thomas C. Dunham, Incorporated, three 100-gallon drums of 76-degree naphtha, at 19 1/2 cents per gallon.

No. 21945. Thomas J. Quinn, 9 single carts, to be delivered at the foot of West Ninety-sixth street, and to be used as called for, at \$3.50 per day each.

The name of Michael Hayes, Dockbuilder, deceased, was ordered taken from the list of employees.

The title of James Harney, Dockbuilder, was changed to that of Laborer, and he was assigned to duty on one of the recreation piers.

The increase in the compensation of Enginemen in the Department to 50 cents per hour, with the exception of Joseph W. Mills (whose compensation cannot be increased, as he has not been six months in the Department), was approved by the Municipal Civil Service Commission, and the salary of said Joseph W. Mills was increased to 50 cents per hour, the increase to take effect from July 20, 1903.

The applications of the Ship Caulkers and Laborers of the Department for increase of wages were filed.

The application of the Saw Filers of the Department for increase in wages of 50 cents per day was denied.

The application of Philip Farmer, Sawyer, for increase of wages from \$3.50 per day to \$24 per week was denied.

The wages of Ship Carpenters and Boat Builders of Department were increased to 50 cents per hour while employed as Ship Carpenters.

The Municipal Civil Service Commission was requested to submit a list of persons eligible for appointment to the position of Stenographer and Typewriter, with compensation at the rate of \$1,000, the persons previously certified having either failed to respond to notice to appear or having declined appointment.

The following orders were issued to the Engineer-in-Chief:

To prepare plans, specifications and form of contract for repairing the Pier foot of Twenty-eighth street, East river.

To make repairs to the Pier foot of One Hundred and Thirty-second street, North river, second-hand material to be used where possible, the aggregate cost not to exceed \$950.

To make repairs required to the Pier foot of One Hundred and Thirty-first street, North river, second-hand material to be used wherever possible, the aggregate cost not to exceed \$100.

To report as to a proper site and location to be acquired by the City for additional facilities in the Borough of Brooklyn for accommodation of canal boats.

To make necessary repairs to the Pier foot of One Hundred and Thirty-third street, North river, second-hand material to be used wherever possible, the aggregate cost not to exceed \$950.

To include in the contract for repairs to the Pier at the foot of Twenty-eighth street, East river, repairs to Pier No. 62, at the foot of Stanton street, East river.

To make necessary repairs to the bulkhead north of Seventy-ninth street, North river, second-hand material to be used wherever possible, the aggregate cost not to exceed \$950.

To make necessary repairs to the bulkhead foot of West Seventy-seventh street, North river, second-hand material to be used wherever possible, the aggregate cost not to exceed \$200.

To prepare specifications and form of contract to cover Classes VII. and X. of Contract No. 760, for supplies, bids for which classes were rejected.

To make necessary repairs to the backing log and bulkhead wall between One Hundred and Eighth and One Hundred and Tenth streets, Harlem river, the aggregate cost not to exceed \$400.

To make necessary repairs to the sheathing on Pier No. 5, East river, the aggregate cost not to exceed \$500.

To construct and moor a float at the foot of West Forty-second street similar to the one now located at the foot of West Thirty-fourth street.

To make repairs to the outer end of the Canal Street Pier, North river, the cost of work not to exceed \$500.

Engineer-in-Chief reported that the following work had been done under Bureau orders:

No. 1197, repaired foundation and fender system at the Battery Steamboat Landing.

No. 1119, removed a number of piles from the bottom of the creek and bulkhead at Sherman's creek, North river, leased to Fort George Coal and Lumber Company.

No. 1171, replaced wooden mooring posts at Pier, old 12, East river, by cast iron posts.

No. 1170, repaired Pier, new 6, East river.

No. 1169, repaired Pier, new 5, East river.

No. 702, repaired pavement between West Fifty-seventh and West One Hundred and Fifty-eighth streets, North river, from time to time, as required.

No. 1196, repaired various parcels of City wharf property in the Borough of Brooklyn, from time to time, as required.

No. 791, repaired deck and sheathing on the Pier foot of West Thirty-ninth street, North river.

Engineer-in-Chief reported that the following work had been superintended under Bureau orders:

No. 948, repairs to roof of shed on Pier 10, East river, by the Campania Transatlantic Company.

No. 609, improvements in the nature of docks, etc., at Mariner's Harbor, Staten Island, by the Marine Construction and Dry Dock Company.

No. 1183, construction of a small "L" shaped extension to Pier at Sea Gate, Coney Island, near foot of Highland avenue, by the Atlantic Yacht Club.

No. 1220, repairs to bulkhead foot of East Forty-third street, by the Lehigh Valley Railroad Company.

No. 1021, repairs to water front property, between Piers 49 and 52, East river, by the New York, New Haven and Hartford Railroad Company.

No. 868, repairs to bulkhead between Forty-third and Forty-fourth streets, East river, by the Lehigh Valley Railroad Company.

No. 1093, repairs to Pier, old 11, East river, by the New York and Baltimore Transportation Line.

No. 490, repairs to ferry, premises foot of Barclay, Christopher and Fourteenth streets, North river.

No. 1262, erection of an ice bridge on Pier foot of Eighteenth street, North river, by the American Ice Company.

No. 1276, dredging under dumping board near foot of Fortieth street, East river, by Brown & Fleming.

No. 824, dredging in slips adjoining the property under the control of the New York Central and Hudson River Railroad Company, for a period of six months, from November 6, 1902.

No. 420, repairs from time to time as required to May 1, 1903, to the Pier foot of West Forty-fifth street by the New York Horse Manure Transportation Company.

No. 1190, removal of canal boat "Sam," together with cargo of coal, from in front of bulkhead foot of Seventh street, Unionport, by the American Coal Company, and Michael Tracy.

No. 1256, driving of about ten spring piles at the dock foot of Bank street, New Brighton, S. I.

No. 1208, dredging at the inshore dumping board on Pier foot of Thirtieth street, North river, under Contract No. 754; Henry DuBois' Sons Co., contractors.

No. 704, changing and repairing of building situated at the foot of Smith street, Gowanus Canal, Brooklyn, by American Ice Company.

No. 795, erection of marine tower between Bay and Creamer streets, Gowanus canal, Brooklyn, by American Ice Company.

No. 393, repairs from time to time to property of the New York Dock Company, in the Borough of Brooklyn, during six months ending May 3, 1903.

No. 896, building of a coal trestle at Ninth street, Gowanus Canal, Brooklyn, by the Tartar Chemical Company.

No. 320, erection of coal pockets between Ninth and Tenth streets, Gowanus Canal, Borough of Brooklyn, by the Brooklyn and Coney Island Railroad Company.

No. 1304, erection of ice bridge, scales and tally house on the northerly side of the Pier foot of Forty-ninth street, North river, by the Crescent Ice Company.

No. 1215, erection of shed on bulkhead between West Thirty-eighth and West Thirty-ninth streets, North river, by Swift & Co.

No. 481, repairs to piers at Rector, Cedar, Cedar street South and West Fifteenth streets, North river, by the Central Railroad Company of New Jersey.

No. 867, repairs to piers at Battery place North, Morris street South, Nos. 44 and 56, North river, by the Lehigh Valley Railroad Company.

No. 589, placing of landing stage and float at Sailors' Snug Harbor, Staten Island, by the Pacific Coast Borax Company.

No. 1004, construction of a ferry rack at Shooter's Island, Staten Island, by the Townsend-Downey Shipbuilding Company.

No. 20980 (Secretary's order, May 10, 1901), placing of a 10-inch salt water pipe at the foot of One Hundred and Thirty-first street, North river, by Conrow Brothers.

The Engineer-in-Chief submitted a report in regard to the plans for track and ferry terminal at St. George, Borough of Richmond, and the representatives of the steam and trolley transit lines in the Borough of Richmond were requested to advise which of the plans (the Cromwell plan or the Department's plan) they approved, at the earliest possible date.

The following rules were adopted by the Commissioner:

1. No person shall encumber or obstruct that portion of the exterior street, wharf or place in The City of New York extending from the westerly line of West street westerly a distance of fifty (50) feet, or extending easterly from the easterly line of a bulkhead or pier shed thirty-five (35) feet, with any article or thing whatsoever without first having obtained permission from the Commissioner of Docks for each particular article or thing, which shall be specified in said permit, under a penalty of twenty-five dollars for each offense, and a further penalty of twenty-five dollars for each day or part of a day such obstruction or encumbrance shall continue.

2. Temporary permits may be granted to the lessees of bulkheads along the water front on the North river, to erect temporary and removable platform with awnings thereon for the protection of perishable freight in transit delivered there by said lessees, upon the following conditions:

First—That no such platform shall be erected between the westerly line of West street and a line 50 feet westerly therefrom.

Second—That a space 35 feet wide shall be kept clear and unobstructed, and no platform or awning shall be erected westerly from a line 35 feet distant westerly from the easterly line of a pier or bulkhead shed.

Third—That all platforms shall be so built as to leave unobstructed the entrance to piers, and be subject to the approval of the Commissioner of Docks, in each instance.

Fourth—That the lessee shall agree to pay as compensation for such privilege at the rate of six (6) cents per square foot per annum, payable quarterly in advance.

Fifth—That the said permits for platforms with awnings shall be revocable at the pleasure of the Commissioner of Docks, and said platform removed by the permittee whenever so ordered by said Commissioner.

The Commissioner recommended that the Commissioners of the Sinking Fund approve of a lease to the New York Central and Hudson River Railroad Company of the following described premises: The extension of Pier, new 76, at the foot of West Thirty-sixth street, from the present pierhead outshore to the new pierhead line, making an area of about 50 feet by 200 feet, or a total of 10,000 square feet, for a term commencing from the date said extension is completed and ready for occupation and expiring October 8, 1904, this being the date of expiration of the lease of the existing pier, at a rental of \$7,500 per annum, the remaining terms and conditions to be similar to those contained in the existing lease of said pier.

The Commissioner recommended that the Commissioners of the Sinking Fund approve a lease to the Baltimore and Ohio Railroad Company of the extension of Pier, new 22, North river, from the present pierhead outshore to the new pierhead line, a distance of about 175 feet, for a term commencing from the date said extension is completed and ready for occupancy and expiring January 1, 1904, with the privilege of renewal for a further term of ten years, this being the term of the lease of the present pier, at a rental based upon $\frac{3}{4}$ per cent. of the cost of construction of said extension, and 25 cents per square foot per annum for land under water covered thereby; the remaining terms and conditions of the lease to be similar to those contained in the existing lease of said pier.

The War Department was requested to approve modification of pierhead lines on the East river, between Thirteenth and Eighteenth streets, in accordance with plans forwarded to said Department, and with the following description of the proposed modifications:

The proposed modification of the bulkhead line consists in abandoning that portion of the bulkhead line established by the Secretary of War in 1890, lying between the northerly line of East Seventeenth street and a point 85 feet south of the southerly line of East Fourteenth street, and substituting therefor a line beginning at the intersection of the northerly line of East Seventeenth street with the bulkhead line established by the Secretary of War in 1890, and running thence easterly along the easterly prolongation of the northerly line of East Seventeenth street 535 feet; thence southerly in a straight line to a point in a line drawn parallel with and 85 feet southerly from the southerly side of East Fourteenth street, said point being distant 119 feet easterly from the bulkhead line established by the Secretary of War in 1890, measured on said parallel line; thence westerly 119 feet on a line drawn parallel with and 85 feet southerly from the southerly side of East Fourteenth street to the bulkhead line established by the Secretary of War in 1890.

The proposed modification of the pierhead line consists in abandoning that portion of the pierhead line established by the Secretary of War in 1890, between the southerly side of East Eighteenth street, prolonged, and the southerly side of East Fourteenth street, prolonged, and substituting therefor a line beginning at a point in the pierhead line established by the Secretary of War in 1890, where said pierhead line intersects the easterly prolongation of the southerly line of East Eighteenth street; running thence southerly in a straight line to a point in the easterly prolongation of the northerly line of East Seventeenth street, distant 535 feet easterly from the bulkhead line established by the Secretary of War in 1890; thence still southerly in a straight line to a point in the pierhead line established by the Secretary of War in 1890, where the easterly prolongation of the southerly side of East Fourteenth street intersects the same.

The opinion of the Corporation Counsel was requested as to whether section 903 of the Greater New York Charter required a notice to the Department of Taxes and Assessments of all permits granted by this Department for the erection of buildings, piers and bulkheads on City property as well as on private property.

An amended application was forwarded to the Secretary of War for the extension of the pierhead line on the North river between Canal and West Thirtieth streets, in accordance with the following description:

"The proposed modification of the pierhead line on the North river, between Canal street and West Thirtieth street, begins at a point in the pierhead line, as modified by the Secretary of War in 1897, distant 1,092.5 feet westerly from the easterly side of West street, measured along the southerly side of Pier No. 34, North river, and extends thence northerly to a point distant 1,150.55 feet westerly from the easterly line of West street, measured on a line drawn at right angles with said easterly line of West street from the southerly corner of Gansevoort street; thence continuing northerly on a line parallel with the pierhead line as modified in 1897, and distant 200 feet westerly therefrom, to a point distant 1,081.40 feet westerly from the easterly side of Thirteenth avenue, measured on the westerly prolongation of the northerly side of West Twenty-third street; thence still northerly to a point in the pierhead line, as modified in 1897, distant 1,750 feet westerly from the easterly side of Eleventh avenue, measured along the southerly side of West Thirtieth street and the westerly prolongation thereof."

The report of the Engineer-in-Chief, that owing to the injunction obtained by the New York Contracting and Trucking Company the progress of work of construction of the West Seventy-ninth Street Pier was stopped, and that no work had therefore been done by the Postal Telegraph Cable Company towards the construction of a cable-house on the proposed new pier to be built thereat, was filed.

Charles Crabbe, architect for owners, was notified to construct the boardwalk between Wave Crest and Gaston avenues, along the ocean front at Arverne, Rockaway Beach, Borough of Queens, in accordance with the terms of the permit granted him, and in accordance with plans submitted as amended, and in default thereof he was notified to immediately cease all work.

Thomas Ward was notified that he would be required to erect the structures between Seventy-ninth and Eightieth streets, North river, in accordance with the requirements of the Building Code, the sides and roof of the shed to be covered with sheet metal, and one side or end of the shed to be left open.

John Cloughen, lessee, was directed to make necessary repairs to backing log between One Hundred and Seventh and One Hundred and Eighth streets, Harlem river.

The recommendation of the Engineer-in-Chief that he be given an order to prepare specifications and form of contract for repairing pier at the foot of East Twenty-eighth street, and if this were done that all permits outstanding for the use of any portion of said pier be revoked when work of repair was commenced, was approved.

Statement of Moneys Received and Deposited by the Cashier of the Department of Docks and Ferries.

Date.	From Whom.	For What.	Amount.
May 11	New York Central and Hudson River Railroad Company...	Three months' rent Piers, new 61, 62 and 63 and bulkhead and float north Pier, new 63, North river.....	\$15,275 00
May 11	New York Central and Hudson River Railroad Company...	Three months' rent Pier foot Thirty-sixth street, North river.....	5,000 00
May 11	New York Central and Hudson River Railroad Company...	Three months' rent land under water, between Sixtieth and Sixty-fifth streets, North river.....	1,750 00
May 11	New York Central and Hudson River Railroad Company...	Three months' rent bulkhead foot West One Hundred and Forty-third street, and tracks across said street.....	25 00
May 11	New York Central and Hudson River Railroad Company...	Three months' rent south half bulkhead foot West Sixtieth street, North river.....	62 50
May 11	New York Central and Hudson River Railroad Company...	Three months' rent maintaining tracks between West Eleventh and Gansevoort streets, and south Pier foot Bethune street, North river.....	37 50
May 11	New York Central and Hudson River Railroad Company...	Three months' rent land under water for extension to Pier, old 27, North river.....	228 75
May 11	West Shore Railroad Company.....	Three months' rent bulkhead south Pier, new 24, North river.....	880 00
May 11	Wm. Crookshank & Son.....	Three months' rent land under water covered by extension to Pier 13, East river.....	191 00
May 11	Peter J. Moran.....	Three months' rent bath house, etc., between north side One Hundred and Fiftieth street and south side of One Hundred and Fifty-first street, North river.....	75 00
May 11	Richard J. Foster.....	Three months' rent bulkhead south Pier, new 42, North river.....	512 50
May 11	John J. Roberts.....	Three months' rent berth at Battery Landing.....	125 00
May 11	New York and New Jersey Telephone Company.....	Three months' rent cable landing between Oakland street, Greenpoint, and E. avenue, Long Island City.....	6 25
May 11	Collectors.....	Wharfage, Manhattan, March, 1903.....	25 99
May 11	".....	Brooklyn, March, 1903.....	6 51
May 11	".....	Manhattan, February, 1903.....	251 70
May 11	".....	Brooklyn, February, 1903.....	35 00
May 11	".....	Queens, February, 1903.....	1 00
May 11	".....	Manhattan, January, 1903.....	3 09
May 11	".....	Manhattan, May, 1903.....	88 68
May 11	".....	Brooklyn, May, 1903.....	9 75
May 11	".....	Manhattan, May, 1903.....	146 15
May 11	".....	Brooklyn, May, 1903.....	5 90
	Total.....		\$24,742 18
May 12	Manhattan State Hospital....	Three months' rent Pier foot East One Hundred and Sixteenth street.....	\$875 00
May 12	Hartford and New York Transportation Company.....	One month's rent west half Pier, new 33, East river.....	1,500 00
May 12	M. Kane & Son.....	One month's rent bulkhead between Piers 42 and 43, North river.....	25 00
May 12	".....	One month's rent unloading stone at bulkhead between Fifty-first and Fifty-second streets, North river.....	25 00
May 12	".....	Three months' rent Pier, new 14, North river.....	14,208 00
May 12	International Navigation Company.....	Three months' rent bulkhead north and south Pier, new 14, North river.....	1,125 00
May 12	International Navigation Company.....	Three months' rent Pier, new 24 and extension.....	7,794 29
May 12	Brooklyn Ferry Company of New York.....	Three months' rent ferry Grand street, New York, to Grand street, Brooklyn.....	1,250 00
May 12	Brooklyn Ferry Company of New York.....	Three months' rent ferry Grand street, New York, to Broadway, Brooklyn.....	3,750 00
May 12	Brooklyn Ferry Company of New York.....	Three months' rent ferry East Twenty-third street, New York, to Broadway, Brooklyn.....	2,125 00
May 12	Brooklyn Ferry Company of New York.....	Three months' rent Roosevelt street, New York, to Broadway and South Eighth street, Brooklyn.....	5,000 00
May 12	Tenth and Twenty-third Street Ferry Company.....	Three months' rent ferry East Tenth street, New York, to Greenpoint.....	1,375 00
May 12	Tenth and Twenty-third Street Ferry Company.....	Three months' rent ferry East Twenty-third street, New York, to Greenpoint.....	4,187 50
May 12	Collectors.....	Wharfage, Manhattan, May, 1903.....	239 93
May 12	".....	Brooklyn, May, 1903.....	10 00
May 12	".....	Queens, May, 1903.....	2 50
	Total.....		\$43,492 22
May 13	New York City Milling Company.....	Three months' rent bulkhead foot East Forty-seventh street.....	\$160 00
May 13	Thomas Ward.....	One month's rent berth at bulkhead near Seventy-ninth street, North river.....	50 00
May 13	Watson H. Brown.....	Three months' rent town dock, Westchester.....	37 50
May 13	Yorkville Ind. Hygiene Ice Company.....	Three months' rent land under water platform adjoining north side Eighty-second street, East river.....	127 13
May 13	Bouker Con. Company.....	One month's rent dumping board at bulkhead between Seventy-first and Seventy-second streets, East river.....	50 00
May 13	Holbrook, Cabot & Daly.....	One month's rent space 50x200 feet in rear of bulkhead between Twenty-third and Twenty-fourth streets, East river.....	50 00
May 13	John Gallagher.....	Three months' rent 35 feet in rear bulkhead adjoining north side Pier foot Sixtieth street, East river.....	75 00
May 13	".....	One month's rent 50x100 feet new made land in rear of bulkhead between Twenty-third and Twenty-fourth streets, East river.....	25 00
May 13	Hecker-Jones-Jewell Company.....	Three months' rent privilege to run pipe through bulkhead wall and under Pier, new 32, East river.....	75 00
May 13	James Duffy.....	One month's rent space 50x100 feet between Twenty-eighth and Twenty-ninth streets, North river.....	25 00
May 13	John S. Bush.....	Three months' rent land under water, east side of Westchester creek, south of Main street causeway.....	37 50
May 13	National Biscuit Company.....	Three months' rent pipe along north side Fifteenth street and through bulkhead wall, North river.....	75 00
May 13	Jas. Snewan & Sons.....	Three months' rent north half Pier foot East Fourth street and bulkhead, East river.....	437 50
May 13	".....	Three months' rent south side Pier 62 and bulkhead, between Piers 61 and 62, East river.....	1,000 00
May 13	John Simmons.....	Three months' rent land under water covered by bulkhead platform West Jackson street, East river.....	301 06
May 13	Z. O. Nelson & Son.....	One month's rent bulkhead west side Degraw street, Brooklyn.....	12 50
May 13	Dockmasters.....	Wharfage, Manhattan, May, 1903.....	137 32
May 13	".....	Brooklyn, May, 1903.....	3 20
May 13	".....	Queens, May, 1903.....	50
	Total.....		\$2,679 21
May 14	William Cuff.....	Twenty days' rent space 50x100 feet in rear of bulkhead foot One Hundred and Fourth street, Harlem river.....	\$16 44
May 14	Cnas. Mulford.....	Three months' rent south half bulkhead between Piers 21 and 22, North river.....	500 00
May 14	Glasco Ice Company.....	Three months' rent ice platform between Fourteenth and Fifteenth streets, North river.....	65 38
May 14	Kios Bay Brewing Company..	Three months' rent water pipes through bulkhead foot Thirty-eighth street, East river.....	75 00
May 14	Wm. Thedford.....	One month's rent berth and engine hoist foot Seventy-ninth street, North river.....	50 00
May 14	Morgans La. and Texas Railroad Company.....	Three months' rent Pier, new 25, and extension, North river.....	9,040 87
May 14	Southern Pacific Company....	Three months' rent bulkhead north Pier, new 25, North river.....	250 00
May 14	Cunard Steamship Company..	Three months' rent Gansevoort street, Pier 52, and 115 feet bulkhead south.....	10,210 60
May 14	Cunard Steamship Company..	Three months' rent Jane street Pier 51, and 125 feet bulkhead north and south, North river.....	19,059 78
May 14	Knickerbocker Steam Towage Company.....	Three months' rent Pier, new 1, North river.....	5,750 00

May 14	Consolidated Gas Company...	Three months' rent north half Pier foot	750 00
May 14	New York and Texas Steamship Company...	Three months' rent land under water platform south of Pier 20, East river...	50 00
May 14	New York and Texas Steamship Company...	Three months' rent east half Pier, old 20, East river...	2,117 50
May 14	Farmers' Feed Company...	Three months' rent filled in land and land under water platform, between Sixty-second and Sixty-third streets, south half...	150 00
May 14	D. Brinkman...	One month's rent land under water west of platform between Eighty-first and Eighty-second streets, East river...	18 75
May 14	"	One month's rent land under water platform between Eighty-first and Eighty-second streets, East river...	28 13
May 14	L. Edward Muller...	Three months' rent inner 100 feet north side Pier, old 42, and 27 feet bulkhead adjoining North river...	375 00
May 14	Empire Brick and Supply Company...	One month's rent space 50x100 feet, between Fifty-first and Fifty-second streets, North river...	25 00
May 14	Clarence L. Smith...	One month's rent space 100x35 feet south of Thirty-fourth street, North river...	25 00
May 14	John P. Kane Company...	One month's rent new made land in rear of bulkhead between Ninety-sixth and Ninety-seventh streets, East river...	25 00
May 14	Swift & Company...	Three months' rent land under water covered by platform southeast corner Thirty-ninth street and Twelfth avenue, North river...	62 50
May 14	Consolidated Tel. and Elec. Subway Company...	Cost of labor and supervision in connection with relaying asphalt pavement taken up for subway to Pier 46, North river...	3 71
May 14	John Conover...	Cost of removing truck from Pier 48, North river to Pound No. 152...	3 00
May 14	New York Edison Company...	Set maps for the new designation of Piers, East river...	1 00
May 14	Collectors	Wharfage, Manhattan, March, 1903...	441 90
May 14	"	Brooklyn, March, 1903...	10 08
May 14	Dockmasters	Manhattan, May, 1903...	87 76
May 14	"	Brooklyn, May, 1903...	2 50
May 14	"	Queens, May, 1903...	59
Total			\$49,195 40
May 15	Robert M. Ferris...	Three months' rent south half Pier 19, East river...	\$750 00
May 15	Hencken & Willenbrock...	Three months' rent north half Pier foot Ninety-fourth street, East river...	687 50
May 15	Jos. Stern & Son...	Three months' rent 6-foot water pipe foot Fortieth street, North river...	75 00
May 15	Dealers' Hygeia Ice Company	Three months' rent 10-inch suction pipe west Twelfth avenue, at Forty-ninth street...	75 00
May 15	Capt. Al. Foster...	One month's rent berth for steamer "Angler" at Pier foot East Twenty-second street, East river...	75 00
May 15	Collectors	Wharfage, Manhattan, April, 1903...	351 63
May 15	"	Brooklyn, April, 1903...	12 14
May 15	"	Queens, April, 1903...	1 08
May 15	"	Manhattan, March, 1903...	125 46
May 15	"	Brooklyn, March, 1903...	4 00
May 15	Dockmasters	Manhattan, May, 1903...	89 35
May 15	"	Brooklyn, May, 1903...	23 50
May 15	"	Queens, May, 1903...	50
Total			\$2,270 16

The following bills were approved and transmitted to the Finance Department for payment:

Audit No.	Names.	Amount.
21162	John N. Bookman...	\$376,953 93
21163	Charles S. Hirsch & Co., Estimate No. 1, Contract No. 763, Class I.	17,574 86
21164	R. G. Packard Company, Estimate No. 4, Contract No. 749...	5,619 69
21165	C. W. Hunt Company, hoisting rope...	177 28
21166	Gerry & Murray, printing, etc.	287 15
21167	Timothy D. Gleason, use of horse, cart and driver...	210 00
21168	Robert Turley, use of horse, cart and driver...	105 00
21169	Harry Martin, use of horse, cart and driver...	105 00
21170	Gerry & Murray, printing...	285 50
21171	The United Electric Light and Power Company, electric light...	12 80
21172	The New York Edison Company, electric light...	41 40
21173	Gerry & Murray, stationery, etc.	52 79
Total		\$401,425 40

RUSSELL BLEECKER, Secretary.

DEPARTMENT OF DOCKS AND FERRIES.

Transactions of the Department of Docks and Ferries for Week Ending Saturday, May 23, 1903.

The following communications were received and ordered on file, action being taken thereon as stated, to wit:

From the Comptroller—

First—Stating that the sum of \$67,272.86 was deposited in the City Treasury to the credit of the Dock Fund on May 14, 1903, the bonds sold amounting to \$64,500.06, and the premiums thereon to \$2,772.86.

Second—Stating that on May 18, 1903, the sum of \$454,222.15 was deposited in the City Treasury to the credit of the Dock Fund, the bonds amounting to \$435,500, and the premium thereon to \$18,722.15.

Third—Stating that the proposed franchise to the Erie Railroad Company, between Twenty-eighth and Twenty-ninth streets, North river, Borough of Manhattan, will be considered by the Board of Estimate and Apportionment at their meeting on Friday, May 22, 1903, at 10.30 o'clock a. m., and asking that the Commissioner of Docks be present at that time.

Fourth—Transmitting violation notice from the Bureau of Buildings as to the unsafe condition of gas tank between Nineteenth and Twentieth streets, North river. Notified that the structure is being removed.

Fifth—In relation to the lease of ferry franchise to the New York and South Brooklyn Ferry and Steam Transportation Company, and asking to be advised (first) whether steps were taken by the Department relative to the selling of the lease before its expiration; (second) whether any conferences were held between the Department and the lessees prior to the expiration of the lease or since, and with what result; and (third) as to what steps were taken by the Department in relation to the granting of a new lease. Comptroller notified that frequent conferences were had with the said ferry company, both before and after the expiration of the lease, but that the ferry company refused to renew the old lease or to accept a new one at the rental formerly paid, viz., five per cent. of the gross receipts, claiming that same was too high; that the company tendered \$202.71, which is at the rate of one per cent. of the gross receipts, for the first quarter after the expiration of the lease, which payment was refused by the Department, claiming that the occupants were holding over under the old lease and at the rental thereunder, the minimum of which was at the rate of \$7,000 per annum; that the ferry company threatened, if the Department insisted upon payment of five per cent. of the gross receipts, to discontinue the operation of the ferry; that the Department does not believe there would be any competition if the lease were put up at auction; that the attitude of the present occupants is that they would rather have some one else take the lease and pay them the appraised value of the wharf property under the old lease, and that, should they be obliged to continue the operation of the ferry, they say that one per cent. would be all they would pay for the franchise; that to push this company will undoubtedly result in its immediate stoppage; that the terminal on the Brooklyn shore is also owned by the present company and not by the City, and therefore the City has no terminals to offer to an independent company coming in for this ferry franchise.

Sixth—Requesting that the furnishing of clippings to the Department be discontinued. So ordered.

From the Corporation Counsel—

First—Transmitting bill of the Title Guarantee and Trust Company, amounting

to \$93.75, for examining the title to 130 feet of bulkhead property immediately east of Pier, old 52, East river. Auditor directed to draw requisition.

Second—Transmitting certified copy of order of the Supreme Court taxing bill of costs in proceeding for the acquisition of water front property between Eighteenth and Twenty-third streets, North river, aggregating \$2,912. Auditor directed to draw requisition.

Third—Stating that immediately upon the qualification, on June 2, 1903, of Mr. Benno Lewinson as Commissioner of Estimate and Assessment, in the place of Christopher C. Baldwin, deceased, in the proceeding for the acquisition of water front property between Forty-second and Forty-third streets, North river, he expects to push the proceeding as rapidly as possible.

Fourth—Requesting to be furnished with the leases of the West Fourteenth Street Ferry to the Hoboken Ferry Company, and of the Staten Island Ferry. Leases forwarded as requested.

Fifth—Suggesting a conference with the President of the Borough and the Commissioner of Docks at his office at as early a day as can be arranged, in relation to the proposed construction of a marginal street extending from the centre line of East Sixty-fourth street to the northerly line of Eighty-first street, East river. Corporation Counsel advised that the Commissioner will attend a conference at such time as will suit him.

From the Municipal Civil Service Commission, denying the request of the Department for examination of persons for the position of Stenographer and Typewriter, with practical experience in law work, and for permission to make a provisional appointment, pending such examination, and stating that the Commission believes the position may be filled from the existing appropriate eligible lists. Civil Service Commission requested to furnish appropriate lists.

From the Board of Aldermen—

First—Transmitting resolution adopted April 28, 1903, authorizing the Commissioner of Docks to purchase 300 settees, without public letting, for the use of recreation piers, at a cost not exceeding \$5.35 each.

Second—Transmitting resolution requesting the heads of the several departments to close their respective offices on Friday, May 29, 1903, in order to facilitate a more general observance of the 250th anniversary of the establishment of municipal government on Manhattan Island. Offices ordered closed.

From the Municipal Art Commission, transmitting copies of form for submitting plans to the Art Commission, and stating that any question in regard to the decoration of the recreation piers should be submitted on one of said forms, and that plans should be submitted in duplicate.

From the Bureau of Buildings, stating that the frame building being constructed by Swift & Co., between Thirty-eighth and Thirty-ninth streets, North river, appears to be about 250 feet from the fixed bulkhead on the North river, and requesting to be advised how far the jurisdiction of the Department of Docks and Ferries extends from the bulkhead line in the matter of buildings along the water front. Department advised that the authority to grant permit to Swift & Co. for the erection of shed on the above-mentioned bulkhead was based upon section 844 of the Greater New York Charter, which authorizes this Department, under certain conditions, to grant permits for the erection and maintenance upon piers and bulkheads of sheds for the protection of certain property.

From the Superintendent of Public Baths, requesting the assignment of a berth for a public bath at some location between Twenty-fourth and Sixty-fifth streets, on the East river, to take the place of the berth assigned at the foot of Jackson street, East river. Said Bureau notified that arrangements can be made with James J. Godfrey, the lessee of the pier at the foot of East Thirty-first street, East river, for a berthing of a bath thereat.

From the Commissioner of Public Works, stating that repairs are now being made to the pavement at West Twenty-fourth street, North river.

From the Police Department (Seventeenth Precinct), reporting repairs required to pavement at the northwest corner of Twenty-third street and Thirteenth avenue. Said Department notified to make application to the Borough President.

From the Department of Parks, Borough of Manhattan—

First—Transmitting communication from the Corporation in relation to the playground between Seventeenth and Eighteenth streets, East river, and asking that said premises be turned over to the care and maintenance of the Department of Parks on May 20, 1903. Said Department requested to so take over the care and maintenance of the above-mentioned playground on May 20, 1903.

Second—Stating that it will take charge of playground between Seventeenth and Eighteenth streets, East river, on and after May 20, 1903.

From the Commissioner of Parks, Borough of The Bronx—

First—Complaining of the action of this Department in notifying Baker & Peabody, attorneys for the Astor estate, that the filling in of Cromwell's creek, Borough of The Bronx, was caused by the work in connection with the construction of a park by the Department of Parks thereat. Said Department informed that the statement in question was based on a report from the Engineering Bureau of this Department to that effect, and a conference suggested between the Engineer of the Park Department and the Engineer-in-Chief of this Department, with a view to making a physical examination of the premises and a modification of this Department's position if occasion required it.

Second—In relation to the condition of Cromwell's creek, Borough of The Bronx, and stating that he will have the Engineer of the Department of Parks confer with the Engineer-in-Chief of this Department.

From the President of the Borough of Richmond, submitting sketches showing detailed plans for new ferry terminal at St. George, Borough of Richmond.

From the Commissioners of the Sinking Fund—

First—Requesting that the Commissioner of Docks be present at the next meeting of the Sinking Fund Commission to explain what is desired in relation to the request of this Department that title to the entire block between Thirteenth and Fourteenth streets, North river, vest in the City.

Second—Transmitting copies of resolutions adopted May 13, 1903, as follows:

1. Authorizing lease to the American Malting Company of the bulkhead foot of East Sixty-third street, and between Sixty-third and Sixty-fourth streets, East river.

2. Authorizing a lease to the Hartford and New York Transportation Company of pier to be built at or near the foot of Peck slip, East river.

3. Authorizing the establishment of a ferry from Nunley's Pier, South Beach, Borough of Richmond, to Captain's Pier, Bensonhurst, Borough of Brooklyn.

4. Authorizing lease to the Hencken and Willenbrock Company of the northerly half of the Pier at East Ninety-fourth street.

5. Authorizing the Corporation Counsel to enter into stipulations with the owners of the property between Thirteenth and Fourteenth streets, and between Fourteenth and Fifteenth streets, North river. Secretary directed to request Corporation Counsel to enter into stipulations at once for taking possession on July 15, 1903, as per resolution. Engineer-in-Chief directed to prepare contracts for the beginning of new plan work on that date.

6. Approving amended lines of Pier, new 34, East river.

From the Secretary of War, transmitting copy of report of Chief of Engineers, United States Army, to the effect that he is of the opinion that the application of the Department for an extension of the pierhead line between Bloomfield and West Twenty-third streets, North river, Borough of Manhattan, should be denied.

From the Assistant Secretary of War, stating that the amended application of this Department for change in the pierhead line on the North river at the Chelsea section, will be substituted for the original application and will receive prompt and careful attention.

From Bolognesi, Hartfield & Co., requesting permit for storage space on the new-made land south of West Thirty-fourth Street Pier. Renewal permit already granted.

From Edmund L. Baylies, consenting to the change in the location of the floating church of the Protestant Episcopal Church Missionary Society for Seamen, to a point near Pier, new 31, East river, provided the work is done without expense to said society, the church to be replaced in its original position upon the completion of the foundation for bridge tower, and the temporary change of position not to interfere with the use of said pier, so that the society will not be liable to occupants of the pier. Secretary directed to so notify the Commissioner of Bridges.

From Albert B. Boardman, stating that the Department plan for Staten Island ferry terminal is in every way superior to the Cromwell plan, and that he will forward the former to the President of the Baltimore and Ohio Railroad Company for his views thereon.

From W. W. Bosworth—

First—Stating that the color schemes for the recreation piers could be submitted to the Municipal Art Commission at once with the set of drawings already prepared, and that after action had been taken by that Commission, duplicate drawings could be made and forwarded to the Commission. Notified to submit drawings which he has to the Art Commission at once.

Second—Stating that the preparation of another set of drawings for submission to the Municipal Art Commission would necessitate delay and a different arrangement of fees, as it entirely alters the arrangement made with him heretofore.

From the Commercial Cable Company, offering to pay \$200 for the privilege of maintaining a cable landing at Pier "A," North river, and asking that the matter of payment of rental to the Department be settled between its attorneys and the Corporation Counsel. Said company informed that the Department has already been advised as to its legal rights in the matter, and requested to advise whether a charge of \$300 per annum would be agreeable to it.

From the Central Union Gas Company, requesting permission to extend the present coal pockets between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets, Port Morris, Borough of The Bronx. Said company advised that if they will provide for either masonry or steel supports below the main floor system of the coal pockets and cover the entire structure on the outside with sheet metal, the permit asked for may be granted.

From the Cluster Gas Light Company, requesting contract for lighting the recreation piers. Said company advised that an order has been issued for lighting the recreation piers by electricity during the season of 1903.

From Joseph F. Cadley, Stenographer and Typewriter, requesting permission to enter the examination for promotion to the position of Assistant Superintendent of Docks. Denied.

From John Dalton—

First—Requesting lease of premises occupied by his boathouse on the south side of West One Hundred and Sixty-fifth street, North river. Request Dalton to advise what the cost of the proposed structure will be.

Second—Stating that the structure he proposes to build on the south side of West One Hundred and Sixty-fifth street, North river, will cost \$1,000, including the crib work, and requesting that his application for a ten years' lease of the premises be granted. Notified to continue occupation of the premises in question under permit recently issued to him, and that lease cannot be granted.

From M. C. Dexter, requesting permission to locate bathhouse south of West Thirtieth street, North river. Dexter requested to advise the Department whether he will agree to pay the cost, estimated at \$300, of construction of a gangway or walk out to a suitable location for the bath.

From T. H. Franklin, requesting to be advised as to whether there are any docks, either open or shedded, south of Grand street, East river, which are available for leasing, or which may be available in the near future. Advised that there are no such docks at the locality mentioned.

From Samuel G. French, protesting against the Assembly Bill in relation to rates of wharfage on lighters and barges engaged in traffic in New York Harbor.

From A. H. Hastorf, requesting renewal permit for the maintenance of a dumping board between Ninety-fourth and Ninety-fifth streets, East river, on the same terms as heretofore. A lease of the privilege of maintaining a dumping board at the locality mentioned was ordered to be at once advertised at an upset price of \$2,300 per annum, with a condition inserted in the terms and conditions of sale that the successful bidder would be required to pay 5 per cent. of the annual rental at the time of the sale.

From Job E. Hedges, requesting to be advised as to the amount due Keëffe S. O'Keefe, deceased, formerly a Dockmaster in this Department, for salary. Notified that there is unpaid salary due from March 1 to March 13, inclusive, amounting to \$52.42, check for which is now in the hands of the City Paymaster.

From Hecker-Jones-Jewell Milling Company, requesting permission to build a steel freight shed on the Pier near the foot of One Hundred and Twenty-eighth street, Harlem river. Said company advised that the plans submitted by them are satisfactory and that they may proceed with work under permit granted May 19, 1903.

From International Mercantile Marine Company, stating that it is impossible to make a thorough examination of Pier 15, North river, until the ferry rack is removed therefrom, and that said rack will be removed in the near future, whereupon such examination will be made and the necessary repairs executed.

From C. D. Jackson & Co., requesting permission to rebuild fences erected by them between One Hundred and Fifth and One Hundred and Sixth streets, Harlem river. Jackson & Co., J. & J. W. Stolls and the other parties interested in the matter notified to appear before the Commissioner on Thursday, May 21, 1903, at noon.

From Kill von Kull Protective Association, in relation to the proposed deepening of the channel at Shooters Island, Borough of Richmond.

From A. Lynch, renewing his application for permission to maintain a runway and float on the north side of Pier, new 42, North river. Denied on account of transfer of ice bridge to a berth north of Pier 42, North river.

From Clifford Landauer, declining appointment as Rodman.

From Robert McWilliams, accepting terms and conditions of the proposed lease of premises between One Hundred and Fourteenth and One Hundred and Fifteenth streets, Harlem river. The Commissioner recommended that the Commissioners of the Sinking Fund approve a lease to Robert McWilliams of the following described property:

The bulkhead on the East river, commencing at a point 111.8 feet northerly from the northerly side of East One Hundred and Fourteenth street, extended, and running thence northerly a distance of about 111.8 feet to the southerly side of East One Hundred and Fifteenth street, together with the land in the rear of the said bulkhead belonging to the City, extending inshore a distance of about 141 feet, more or less, to the westerly boundary of property owned by the City between the centre line of the block between East One Hundred and Fourteenth and East One Hundred and Fifteenth streets and the southerly side of East One Hundred and Fifteenth street.

The lease to contain a covenant that in case at any time the City acquires the property upon the southerly half of the block between East One Hundred and Fourteenth and East One Hundred and Fifteenth streets within the lines of the marginal wharf, street or place as adopted by the Board of Docks October 13, 1887, and approved by the Commissioners of the Sinking Fund December 19, 1887, and uses said property for the purposes of a marginal wharf, street or place, that then and in that case the City shall have the right to use and occupy a strip twenty feet in width extending from the centre line of the block between East One Hundred and Fourteenth and East One Hundred and Fifteenth streets and extending back from the bulkhead line westerly a distance of twenty feet.

The lease to be for a term of five years at a rental of \$2,000 per annum. The remaining terms and conditions of the lease to be similar to those contained in leases of wharf property now used by this Department. The lessee to have the privilege of erecting and maintaining during the term of lease around the plot of ground above described, or any portion thereof, a fence not more than fourteen feet high, together with a coal hopper, scales and office, and in the event that the City takes possession of the strip of twenty feet above referred to, that then the lessee shall have the right to erect suitable conveyors and overhead bridges across said strip. All of the work to be done under the direction and supervision of the Engineer-in-Chief of this Department, and in accordance with plans and specifications to be submitted to and approved by him.

From the New York and College Point Ferry Company, stating that it is willing to pay \$3,500 per annum for the first term of ten years of lease of franchise for ferries from East One Hundred and Thirty-fourth street, Borough of The Bronx, and East Ninety-ninth street, Borough of Manhattan, to North Beach, and College Point, Borough of Queens, or 3½ per cent. of its gross earnings.

The Commissioners of the Sinking Fund were requested:

First—To approve of the establishment of a ferry from and to a point between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets, East river, Borough of The Bronx; thence to North Beach and thence to the foot of First street, in the Third Ward of the Borough of Queens, in the late Village of College Point, in accordance with the provisions of section 818 of the Greater New York Charter.

Second—To approve a lease to the New York and College Point Ferry Company of the franchise to operate a ferry from and to a point between East One Hundred and Thirty-fourth street and East One Hundred and Thirty-fifth street, in the

Borough of The Bronx, thence to North Beach and thence to the foot of First street, in the Third Ward of the Borough of Queens, in the late Village of College Point.

Third—To approve of a lease of the franchise for a ferry from and to a point in the vicinity of the foot of East Ninety-ninth street, East river, Borough of Manhattan, City of New York, thence to North Beach and thence to the foot of First street, in the Third Ward of the Borough of Queens, in the late Village of College Point; together with the following described wharf property belonging to the City: The bulkhead extending from the northerly side of East Ninety-ninth street to the southerly side of East One Hundredth street, with the privilege of using the northerly side of Pier foot of East Ninety-ninth street, and the southerly side of Pier foot of East One Hundredth street for the protection of ferry racks; said wharf property belonging to the City to be assigned for use in connection with and for the purpose of said ferry, as shown on the plan herewith.

The leases described in paragraphs "second" and "third" to be for a term of ten years, from July 1, 1903, with the privilege of renewal for a further term of ten years, the rental for both leases combined to be at the rate of three and one-half (3½) per cent. of the gross receipts, but not less than four thousand dollars (\$4,000) per annum for said franchise, together with the wharf property belonging to the City above referred to, and the rental for the renewal term to be fixed as follows: Three months before the expiration of the first term the Commissioner of Docks and the Commissioners of the Sinking Fund shall appoint a person to act on behalf of the City as arbitrator, and the New York and College Point Ferry Company shall appoint a person to act in its behalf as arbitrator, and the arbitrators so appointed shall determine upon a fair and reasonable amount to be paid as rental under the lease annually during the renewal term in quarter-yearly payments in advance. In case the arbitrators are unable within thirty days to agree as to the amount so to be paid as rent for the renewal term they shall appoint a third person to act as umpire, and if they are unable to agree within thirty days upon such umpire, then, at the request of either of the parties, he shall be appointed by the presiding Justice of the Appellate Division of the Supreme Court of the State of New York, First Department, and the decision of two of said parties so selected shall be conclusive and binding upon both of the parties to the lease, but in no case during said renewal term shall the rental be less than \$4,000 per annum. The remaining terms and conditions of the lease to be similar to those contained in leases of wharf property now used by this Department.

From New York Truck Owners' Association, requesting permission to store trucks along the river front between the hours of 5 p. m. and 8 a. m., the fee for such privilege not to exceed the sum of 50 cents per month for single or one-horse trucks, and not to exceed \$1 per month for double or two-horse vehicles; Department to place Watchmen in appointed sections to watch trucks, keep them in place and protect them from interference. Superintendent of Docks directed to draft rule for adoption.

From the New York Central and Hudson River Railroad Company—

First—Stating that they do not desire to proceed further in the matter of the proposed lease of Pier 3, Wallabout Basin, Borough of Brooklyn.

Second—Requesting to be advised as to the space granted John B. McDonald, contractor, in the vicinity of Fifty-ninth street, North river. Copy of permit granted John B. McDonald, transmitted.

Third—Requesting that the Department proceed at once with the widening of Pier, new 34, East river in accordance with the amended lines recently adopted, and agreeing to pay for a lease thereof a rental of 5½ per cent. of the cost of construction of platform and 25 cents per square foot per annum for the land under water occupied, and asking permission to shed said platform. Said company notified that the Engineer-in-Chief of this Department has been directed to proceed with the widening of Pier, new 34, North river, along the amended lines adopted, and that the matter of the erection of shed on platform will be taken up in connection with the proposed lease of the premises.

From the New York and Jersey Railroad Company, accepting permit for the use of bulkhead between Piers, new 41 and new 42, North river, in lieu of bulkhead north of Pier, new 42, North river.

From E. E. Olcott, requesting berth at the south side of West Fiftieth Street Pier, North river, during the season of 1903, for the Rockaway or Coney Island boats when it is impossible to accommodate them at the West Twenty-second Street Pier. Application denied.

From the Pennsylvania Railroad Company—

First—Stating that the Fruit Dealers' Association desire permission to temporarily deposit the overflow of their produce destined to the market during the early morning hours, this condition only existing for a couple of months in the year.

Second—Asking to be advised whether, under their leases, they are at liberty to give the West Shore Railroad Company the temporary use of ferry slip foot of Desbrosses street, North river, pending repairs to ferry rack of said company at Franklin street, and to the Erie Railroad Company the temporary use of their ferry slip at the foot of West Twenty-fourth street pending repairs to the Erie ferry rack foot of West Twenty-third street. Referred to the Corporation Counsel.

From R. G. Packard Company, stating that they will expect the Department to pay for any delays or increased expenses in connection with the prosecution of dredging in view of the notice received from the Department of Health to discontinue the discharge of smoke from their dredge at the foot of Twenty-second street, North river, which would involve the stopping of the dredging altogether. Said company advised that the contract awarded to it by this Department for dredging does not call for any particular kind of coal to be used in the operation of the plant, and that, if the burning of bituminous coal in the opinion of the Health Department is a source of danger to the inhabitants of the City, it seems to be a matter which lies between the Packard Company and the Health Department.

From Sadler, Perkins & Field, stating that they will be glad to be of service to the Department in any way possible if the City is to construct ferryboats.

From R. H. Stern, stating that his clients are willing to sell the half block which they own north of One Hundred and Fourteenth street, Harlem river, at \$135,000. Notified that the Department cannot accept his offer.

From William J. Smith, requesting permission to erect and maintain bathhouse at the foot of Dyckman street, North river, and transmitting consents of adjoining property owners and residents in the neighborhood. Secretary directed to request him to submit an exact diagram of the street lines and the ground he desires to occupy with his bath.

From Sperry & Popham Coal Company, stating that they are willing to do their share of dredging at the foot of One Hundred and Thirty-sixth street, Harlem river, and that they will ascertain whether the adjoining tenants will pay theirs, and requesting advice as to the cost of the entire dredging, exclusive of the middle of the slip. Said company notified that if a channel is deepened for the whole length of the slip at the foot of One Hundred and Thirty-sixth street, Harlem river, and dredging also done in front of the bulkhead at the foot of said street, it will require dredging to an extent of 1,700 cubic yards, which, at an estimated cost of 33 cents per cubic yard, would amount to about \$560 to do the work; that to dredge the entire slip to 14 feet at mean low water would require dredging to the extent of 4,500 cubic yards.

From Robert W. Thompson, Jr., stating that his client desires to lease a portion of the bulkhead and upland between Ninety-sixth and Ninety-seventh streets, North river, and asking whether a lease could be obtained and also as to terms. Notified that the premises may be vacated before long, and that his application will be placed on file.

From Union Stock Yard and Market Company, accepting permit for the erection of new fences on the Pier foot of West Fifty-eighth street, North river, and agreeing to pay the cost of restoring the pier to its original condition should such work be necessary by the Department.

From the Union Surety and Guaranty Company, asking if the freight shed on Pier, new 12, East river, has been completed and accepted by the Department. Company notified that the contract has been completed and the work accepted by the Department.

From Union Ferry Company, in relation to repairs required to the pavement foot of Catharine and Whitehall streets, East river, in front of their ferry premises. Said company advised that the Department will make the repairs necessary at the foot of Catharine street, and that the Borough President has been requested to do likewise to pavement at the foot of Whitehall street, the same being under his jurisdiction.

From William Young, requesting permit for the sale of watermelons on the new-made land in rear of bulkhead between Piers, new 21 and 22, North river, with the privilege of maintaining an awning covering over the same. Application denied,

the privilege having already been granted to another.

The following permits were granted, the work to be done under the supervision of the Engineer-in-Chief:

T. W. Collins, to cut three sluiceways in the backing log, and drive five spring piles along the southerly side of Pier foot of West Thirteenth street, North river, at the berth occupied by the steamer "William V. Wilson," the permittee to restore the pier to its original condition in the event of it being so ordered by the Commissioner of Docks.

Estate of S. W. Bowne, to construct a three-story extension to the present grain elevator near the foot of Bay street, Gowanus canal, Borough of Brooklyn, the work to be done in accordance with plans submitted, and the structure to remain thereat only during the pleasure of the Commissioner of Docks.

Astoria Light, Heat and Power Company, to build a crib bulkhead in the vicinity of Winthrop avenue, Astoria, at Lawrence Point, Borough of Queens, the work to be done in accordance with plans submitted as amended.

Julia Tuska, to repair the pile platform on the northerly half of the block between East One Hundred and Fifth and One Hundred and Sixth streets, Harlem river, the work to be done in accordance with plans submitted as amended, and the platform to remain only during the pleasure of the Commissioner.

M. J. Leahy, to construct a pile platform 329 feet south of the Eastern Boulevard on the west side of Westchester creek, Unionport, Borough of The Bronx, the work to be done in accordance with plans submitted as amended, the structure to remain thereat only during the pleasure of the Commissioner of Docks.

Hecker-Jones-Jewell Milling Company, to erect a shed on the Pier foot of One Hundred and Twenty-eighth street, Harlem river, this privilege to continue only during the pleasure of the Commissioner of Docks, pending the approval by the Corporation Counsel of the usual agreement submitted by said company.

New Jersey and New York Realty and Improvement Company, to make sundry repairs to a coal hoisting plant, and to place additional braces to the coal handling tower at the foot of Rodney street, Kent avenue basin, Borough of Brooklyn, the work to be done in accordance with plans submitted as amended.

The following permits were granted, the work to be done under the supervision of the Engineer-in-Chief and to be kept within existing lines:

Central Vermont Railway Company, to make temporary repairs to their Pier, old 36, East river, from time to time as required, until December 31, 1903, twenty-four hours' notice to be given this Department prior to the commencement of any such repairs.

William T. Ferris, to repair Pier 16, East river.

The following permits were granted, the privilege to continue only during the pleasure of the Commissioner of Docks, but not longer than April 30, 1904:

J. C. Lyons, to maintain small stand for the sale of newspapers on the marginal street near the foot of Barclay street, North river, at a point to be designated by the Dockmaster of the district, compensation to be paid for the privilege at the rate of \$2 per month.

Andrew Wood, to maintain boathouse at the foot of Willow avenue, Bronx Kills, Borough of The Bronx, compensation to be paid therefor at the rate of \$75 per annum.

Richard J. Foster, to occupy 150 feet of bulkhead, between Piers 3 and 4, Wallabout Basin, Borough of Brooklyn, with privilege of maintaining tallyhouse, platform and scales thereat, compensation to be paid therefor at the rate of \$1,500 per annum.

New York and Jersey Railroad Company, to use and occupy a portion of the new-made land in the rear of the bulkhead, between Piers, new 41 and 42, North river, at the site of the Hudson river tunnel shaft, containing about 9,200 square feet, said company to have the privilege of erecting and maintaining over the area of new-made land a fireproof building, and to place in said building the necessary machinery for carrying on the work of constructing the proposed tunnel, and to store materials used in the construction of the tunnel, compensation to be paid for the privilege at the rate of \$2,300 per annum; all the structures to be erected over the said area of new-made land under this permit to be constructed under the direction and supervision of the Engineer-in-Chief of this Department, and in accordance with plans and specifications approved by the Commissioner of Docks.

R. J. Foster, to occupy berth immediately north of Pier, new 42, North river, with the privilege of maintaining ice bridge, tallyhouse and scales thereat, this permit being a temporary one, to continue during the occupation of the bulkhead between Piers, new 41 and 42, North river, by the company now engaged in constructing the North River Tunnel thereat; it being understood that permittee is to occupy the same number of linear feet along the bulkhead line as he formerly occupied at the south side of the pier, namely, 94 feet; the compensation to be paid for this privilege to be at the rate of \$2,050 per annum; and it being further understood that this permit is granted with the expressed proviso that permittee will allow those persons holding permits for the discharge of sand at the bulkhead, to unload their sand thereat, and the ice-bridge, scales and tallyhouse to be erected under this permit to be constructed under the direction and supervision of the Engineer-in-Chief of this Department.

Consolidated Gas Company, to maintain a movable coal hopper on the bulkhead between Fourteenth and Fifteenth streets, East river, and also to use 60 feet of bulkhead at the foot of Fifteenth street, East river, compensation to be paid for these privileges at the rate of \$150 per annum and \$300 per annum, respectively.

Thomas Shoemaker, to maintain a frankfurter stand at the foot of One Hundred and Fifty-fifth street, North river, compensation to be paid therefor at the rate of \$2 per month.

Valvoline Oil Company, to occupy a berth for their oil boat at the south side of Pier foot of West Fifty-second street, compensation to be paid for the privilege at the rate of \$3.50 per day.

William T. Ferris, to use and occupy the southerly half of Pier, old 19, East river, compensation to be paid for the privilege at the rate of \$3,000 per annum.

James Moss, to maintain boathouse in the vicinity of One Hundred and Fifty-fourth street, Harlem river, compensation to be paid therefor at the rate of \$5 per month from May to October, inclusive, and \$2.50 per month from November to April, inclusive.

The following permits were granted, the privilege to continue only during the pleasure of the Commissioner of Docks, but not longer than May 1, 1904, it being understood in each case that nothing therein contained should be deemed to grant the right to use a permanent berth at or contiguous to the derrick therein referred to, and also that said derrick may be used without charge by any person occupying the berth adjacent thereto; the regular wharfage rates to be paid in each instance:

G. P. Simmons, to maintain derrick, tally house and scales on Pier 6, East river. Western Transit Company, for one berth, with 1 derrick, 1 tally house, 2 tool boxes and 1 scales, on the northerly side of Pier 6, East river.

Erie Railroad Company (Union Steamboat Line), for one berth, with 1 derrick, 2 tool boxes, 1 tally house and 2 scales, on westerly side of Pier 6, East river. Syracuse and New York Canal Line, for two berths, with 2 derricks, 1 tally house and 1 tool box, on westerly side of Pier, new 6, East river.

Murray's Line, for one berth on the upper side and one berth on the lower side and at outer end of Pier 5, East river, with 2 derricks, 2 tool boxes, 2 scales and 1 tally house.

Lehigh Valley Transportation Company, for one berth, with 1 derrick, 1 tally house and 1 tool box, on Pier, new 6, East river.

American Transit Company, for one berth, with 1 derrick, 1 tally house and 1 tool box, on Pier 5, East river.

Erie and Western Transportation Company (Western States Line), for two berths for 2 derricks, 1 tally house and 1 tool box, on Pier 5, East river.

Inland Transportation Despatch for one berth, with 1 derrick and 1 tally house on Pier 5, East river.

The following permits were granted, the privilege to continue during the pleasure of the Commissioner of Docks:

Keyport and New York Transportation Company, to land the steamer "Holmdel" at the Pier foot of Canal street, North river, the privilege to continue not longer than January 1, 1904, compensation to be paid for the privilege at the rate of \$5 per day.

Frank Boerum, to maintain boathouse and float at Whitestone Landing, Borough of Queens, compensation to be paid at the rate of \$25 for the season.

The following permits were revoked:

Cobweb Yacht Club, to maintain boathouse between One Hundred and Fifty-fifth and One Hundred and Fifty-sixth streets, North river.

The Comptroller attached his certificates upon Contracts No. 781, Classes 1, 2, 3, 4, 5 and 6 for painting the Recreation Piers, and No. 769 for towing.

The Corporation Counsel approved form of Contract No. 791 for furnishing piles, together with form of advertisement therefor.

The Engineer-in-Chief reported that the work of removing freight shed on the Pier foot of Twenty-first street, North river, under Contract No. 774, was commenced by Bernard Rolf, contractor, May 5, 1903. Comptroller notified of same.

The specifications and form of contract for furnishing and delivering about 2,000 tons of anthracite coal, submitted by the Engineer-in-Chief were approved, subject to the approval of the Corporation Counsel as to form, and the Secretary was directed to have a sufficient number of blank proposals printed and the necessary advertisement inviting estimates inserted in the newspapers designated by law.

The contractors, Snare & Triest, under Contract No. 770, for building new pier, to be known as Pier No. 3c, or Market Slip Pier East, East river, were notified to proceed with the work, and their attention was called to clause M of contract, with notice to them that the Department would exact the penalty therein provided for non-compliance.

An extension of time was granted the R. H. Hood Company, contractors, within which to complete the construction of freight shed on Pier, new 12, East river, under Contract No. 741, to and including April 17, 1903.

Bids were opened, under Contract No. 777, for preparing for and building a new pier, with appurtenances, between Fifty-first and Fifty-second streets, Borough of Brooklyn; Contract No. 781 (Class VII.), for repainting recreation pier at the foot of Metropolitan avenue, Borough of Brooklyn, and Contract No. 787, for preparing for rebuilding a new pier, with appurtenances, at the foot of Bay Ridge avenue, Borough of Brooklyn, a representative of the Comptroller being present in each instance.

Under Contract No. 777, four estimates were received, each bidder furnishing the security deposit required, viz., \$750, as follows:

1. William H. Jenks.....	\$34,394 00
2. Bernard Rolf.....	35,633 00
3. Charles R. Rodermond.....	38,640 00
4. Augustin Walsh.....	35,000 00

Contract No. 777 was awarded to William H. Jenks, the lowest bidder, subject to approval by the Comptroller of his surety, The City Trust, Safe Deposit and Surety Company.

Under Contract No. 781 (Class VII.) five estimates were received, each bidder furnishing the security deposit required, viz., \$45, as follows:

1. Fox & Saron.....	\$1,890 00
2. William Flanagan & Co.....	1,972 00
3. Zeffe & Kreisberg.....	1,925 00
4. Nesbitt Painting and Decorating Company.....	1,942 00
5. T. E. Quinn.....	2,200 00

Class VII. of Contract No. 781 was awarded to Fox & Saron, the lowest bidders, subject to approval by the Comptroller of their sureties, Jacob Rosenberg, No. 439 Amsterdam avenue, New York, and Louis Lemaire, No. 55 West One Hundred and Twenty-eighth street, New York.

Under Contract No. 787, four estimates were received, each bidder furnishing the security deposit required, viz., \$1,385, as follows:

1. William H. Jenks.....	\$68,422 00
2. George B. Spearin.....	63,932 00
3. Bernard Rolf.....	67,333 00
4. Augustin Walsh.....	68,400 00

Contract No. 787 was awarded to George B. Spearin, the lowest bidder, subject to approval by the Comptroller of his sureties, the American Bonding Company, of Baltimore, and the Aetna Indemnity Company.

The following claims were ordered to be collected:

Bureau Order No. 991, Empire City Subway Company, Limited, \$4.95, cost of supervising the opening of the asphalt pavement at approach to Pier "A," North river.

Bureau Order No. 1096, New York Edison Company, \$4.95, cost of supervising the opening of the pavement on west side of West street, from Pier "A," to Pier, new 1, North river.

Bureau Order No. 1181, John Pierce, \$7.43, cost of inspection in connection with the work of relaying pavement between Pier "A," and Pier, new 1, North river.

Bureau Order No. 624, Consolidated Gas Company, \$2.50, cost of supervising the work of relaying the asphalt pavement at Piers 13 and 46, North river, taken up to permit repairs to gas pipes thereat.

Bureau Order No. 444, Interurban Street Railway Company, \$1.25, cost of supervising the relaying of asphalt pavement foot of West Twenty-third street, taken up to permit repairs to tracks thereat.

Bureau Order No. 1179, Consolidated Telegraph and Electrical Subway Company, \$3.72, cost of supervising the work of relaying the asphalt pavement at Pier 36, North river, taken up to permit the placing of a subsidiary connection to said pier.

No. 1154, Terminal Warehouse Company, \$1.25, cost of supervising the work of relaying the asphalt pavement between Piers 67 and 68, North river, taken up to permit repairs to salt water pipe thereat.

The following orders were issued:

No. 21954, McMann & Taylor, for 36 pieces 1-inch galvanized W. I. pipe, 7 feet long, threaded; 40 pieces of 1-inch galvanized open pattern return bends; 8 pieces of 1-inch galvanized ellis; 3 pieces 1-inch galvanized tees, and 6 pieces 1-inch black plugs, for \$30.

No. 21958, Louis R. Lange, for 3 window shades 12 feet long and 3 window shades 10 feet long, both from 38 to 54 inches wide, hand made, oil opaque; also 1 white shade 12 feet long and 8 feet 6 inches wide; all to be put up in Room No. 1, on Hartshorn's tin rollers, with fixtures, complete, for \$19.50.

No. 21956, Hull & Grippen, for labor and material necessary for repairing the tiling around the fireplace in Room 2 on Pier "A," North river, \$14.50.

No. 21953, L. S. Elsas, for 1,000 second-hand 4-bushel heavy gunny bags, for \$75.

No. 21960, Murtagh & McCarthy, for two complete sets of fire brick, to be used on steam launches "Queens" and "Bronx" respectively, at 10 cents per 100 cubic inches.

No. 21955, John C. Orr & Co., for 100 pieces 7-8 inch North Carolina pine, tongued and dressed and grooved, and dressed on both sides to show a finished width of four inches; no beading; in lengths of 14 feet, kiln dried, first quality, free from knots and imperfections, to be selected; also four 12-foot lengths of 5-inch crown moulding, ash; 100 feet of quarter-round 7-8 inch white pine moulding; 100 square feet good, clear, half-inch white pine, dressed on both sides, in good widths; 100 square feet 7-8 inch white pine, dressed on both sides, in good widths, for \$31.50.

No. 21951, F. W. Devoe and C. T. Reynolds Company, for repairing 4 spring balance steel tapes, for \$14.65.

No. 21952, Gerry & Murray, for two 500-page ledgers, numbered respectively 2 and 7, with flexible cover indexes for same, for \$14.

No. 21950, Oberg Camera Company, for 54 lantern slides, 48 to be made from glass negatives and 6 to be made from Velox prints (all slides and prints to be furnished by the Department of Docks and Ferries), at 40 cents each for the slides to be made from negatives, and 65 cents each for the slides to be made from the Velox prints.

No. 21957, John Wanamaker, for 2 gross mops, large size; 6 dozen mop handles; 2 dozen wooden pails; 4 dozen feather dusters, large size; 2 dozen mop wringers; 1 box Sapolio; 1 box common laundry soap, and 12 lengths, 50 feet each, of 1 1/2-inch hose, for \$275.50.

No. 21949, J. L. Mott Iron Works, for 100 monuments as per sample to be furnished by Department; all castings to be sound, free from blotches, etc., and to be to the satisfaction of the Engineer-in-Chief; estimated weight about 800 pounds, for \$31.50.

Jeremiah McCarthy, Laborer, was ordered to appear before the Commissioner of Docks on Friday, May 22, 1903, at 12 o'clock noon, to explain charges preferred against him of assaulting his Foreman.

John Greegan and William O'Connor, having been certified by the Municipal Civil Service Commission as eligible, were, on May 20, 1903, appointed Stenographers and Typewriters on probation, with compensation at the rate of \$1,000 per annum.

Clifford D. Landauer, having been certified as eligible by the Municipal Civil Service Commission, was appointed Chairman and Rodman in the Department, on probation, with compensation at the rate of \$900 per annum.

The compensation of Wm. C. Beneke, Joseph A. Osborne and J. E. O'Brien, Laborers, was fixed at the rate of 25 cents per hour while employed.

The compensation of the Dockmasters of the Department was increased from \$1,500 per annum to \$1,800 per annum, subject to the approval of the Board of Estimate and Apportionment and the Board of Aldermen.

The Municipal Civil Service Commission was requested to submit a list of persons eligible for appointment to the position of Male Recreation Pier Cleaner, from which to make seventeen appointments, in addition to the list previously submitted. The resignation of Michael J. McNeary, Laborer, was accepted.

The following persons, recently appointed as Dockbuilders on the certification of the Municipal Civil Service Commission, were discharged from the service of the Department, having been found to be not capable of the duty required:

Patrick McDonald, George H. Munz, James Radzinsky, George Nye, Harry Tucker, George Kammer, Martin J. McAvoy, Timothy J. Bowen, William Dunn, Patrick Skelly, Frank Chisolm, Mark Grenan, Andrew A. Daley, Thomas F. Casey, Bernard Cavanagh, James Tierney, Michael Kennedy, Thomas A. Cosgrove, Frank J. Fox, Jr., Frank J. Calnon, Arthur Haggerty, John Hennessy, Patrick J. Foley, George W. Sharrock and Michael Harrigan.

The Municipal Civil Service Commission was requested to hold an examination of Draughtsmen in the Department for promotion to the position of Assistant Engineer, with compensation at the rate of \$1,800 per annum.

The Municipal Civil Service Commission was requested to certify to the Department three names of persons eligible for appointment to the position of Court Stenographer, and also to submit a revised list containing the entire preferred list of female Recreation Pier Cleaners.

The Municipal Civil Service Commission was requested to hold an examination of all Stokers in the Department possessing marine licenses for promotion to the position of Engineman.

The following orders were issued to the Engineer-in-Chief:

To order George S. Harvey to strengthen the boathouse erected by him in Sand Bay, Canarsie, Borough of Queens, so as to prevent accident in case of storm, and to supervise such work.

To make a special examination as to the fitness for the position of Dock Builder of Michael E. Higgins, No. 126 Leroy street, and report the result of such examination to the Commissioner.

To order one priming coat to be applied to the recreation piers under Contract No. 781, to precede final painting.

To make necessary repairs to the City's water front property along the North river, north of West Fifty-seventh street, the work to be done from time to time, as required, at a cost not to exceed in the aggregate \$500.

To make necessary repairs to the Rivington Street Pier North No. 51, East river, the cost not to exceed \$450, and second-hand material to be used wherever possible.

To provide Dock Department signal flags at the offices of the Dockmasters, at the two Department yards and at such other places along the water front as can be reached by telephone; and the Department Pilots and persons operating launches were directed to stop and take orders wherever one of these flags may be displayed.

To prepare contract for extensions to Piers, new 22, 61, 63 and 66, North river, and to proceed with the extension of Piers at the foot of West Fifty-fourth and West Fifty-fifth streets, North river, and Pier, new 7, East river, and with the construction of a new pier north of Seventy-ninth street, North river, by Department labor.

The Engineer-in-Chief was directed to inspect the work of employees working for the Department with detail of Laborers, and to report ten names to the Commissioner for appointment as Laborers.

The Engineer-in-Chief was directed to include repairs to Pier at the foot of One Hundred and Seventeenth street, Harlem river, in the form of contract now being prepared for repairs to the Pier foot of Stanton street, East river, and at the foot of Twenty-eighth street, East river.

The New York and College Point Ferry Company were notified, in accordance with report of the Engineer-in-Chief, that the amended plans submitted by them for the erection of a ferryhouse at the foot of One Hundred and Thirty-fourth street, Port Morris, Borough of The Bronx, are satisfactory and sufficient, and conform with the Building Code.

Edward J. Snyder was notified, in reply to his inquiry, that the Department had no objection to the citizens of the Ninth Assembly District holding a mass meeting at the foot of West Twenty-eighth street on Thursday, May 21, 1903, provided proper precautions were taken to prevent damage to property and injury to persons.

The form of rules and regulations adopted by the Commissioner of Docks in relation to the obstructions on West street, and requiring temporary permits on bulkheads for platforms with awnings, etc., was forwarded to the Corporation Counsel for approval.

The Secretary of War was requested to furnish the Department with a copy of the report of General Gillespie, Chief of Engineers, U. S. A., on the matter of the Department's application for extension of pierhead line at the Chelsea section.

William J. McGirr was requested to submit a statement of his daily receipts from the West Forty-fourth Street dumping board, from the first day of January to May 25, 1903, for the purpose of assisting the Department in adjusting any loss he may have sustained by reason of interference with said dump.

W. W. Bosworth was requested to submit the drawing which he had of the color schemes for recreation structures to the Municipal Art Commission at once, so as to obtain their action thereon immediately, the duplicate drawings to be made afterwards if occasion required.

The Commissioner commended to the notice of the Commissioner of Police Acting Roundsman John F. Dwyer and Patrolman James W. Halleck, of the Harbor Police, for the rescue from drowning of William Postal, a Laborer employed on the Western Union scow "Leo" at Pier "A," North river, on May 21, 1903.

The Corporation Counsel was notified, in the matter of the memorandum submitted by Walter Cox, attorney for Isaac G. Johnson & Co., in relation to the erection of a public dock in front of their foundry at Spuyten Duyvil, that Isaac G. Johnson & Co. had given notice to this Department of their intention to apply for a grant of land under water at Spuyten Duyvil, acquired under the grant of land under water made by the State to the City in 1888, the validity of which grant Mr. Cox attacks.

The Citizens' Steamboat Company, lessee, was directed to make necessary repairs to Pier, new 46, North river.

Statement of Moneys Received and Deposited by the Cashier of the Department of Docks and Ferries.

Date.	From Whom.	For What.	Amount.
May 18	Consolidated Gas Company..	One month's rent 100 feet south side Pier foot West Seventeenth street, \$10 per day.....	\$300 00
" 18	Central Railroad of New Jersey	Three months' rent land under water, platform, south side Pier 8, North river.....	375 00
" 18	Central Railroad of New Jersey	Three months' rent Pier 13, land under water, platform, south Pier 14, south half Pier 14 and bulkhead adjacent North river.....	10,712 50
" 18	Duryea Bros.....	One month's rent land under water, platform, foot Jackson street, East river.....	154 71
" 18	New York Horse Manure Company	Three months' rent Pier foot Forty-fifth street, North river.....	1,100 00
" 18	James J. Godfrey.....	Three months' rent Pier foot of East Thirty-first street, East river.....	575 00
" 18	Thomas Mulry & Son.....	One month's rent 50x100 feet in rear of bulkhead between Piers 11 and 12, East river..	25 00
" 18	Ehrenreich Bros.....	Three months' rent filled in land and land under water, platform, southerly of Sixty-third street, East river, north half.....	150 00
" 18	New York Ice Company....	Three months' rent 10-inch pipe through bulkhead wall and under Pier foot Eighteenth street, East river.....	75 00
" 18	Central Railroad of New Jersey	Three months' rent Pier foot of Fifteenth street, North river.....	2,750 00
" 18	Central Railroad of New Jersey	Three months' rent land under water between Fifteenth and Sixteenth streets, North river	375 00
" 18	Church E. Gates.....	Three months' rent land under water, bulkhead, near One Hundred and Forty-sixth street, Harlem river.....	125 00
" 18	Central Railroad of New Jersey	Three months' rent land under water, covered by platform, between Fifteenth and Sixteenth streets, North river.....	66 88
" 18	Collectors	Wharfage, Manhattan, April	602 70
" 18	"	" Brooklyn, "	11 45
" 18	"	" Queens, "	2 00
" 18	"	" Manhattan, March	331 05
" 18	"	" Brooklyn, "	41 12
" 18	"	" Queens, "	3 25
" 18	"	" Manhattan, February	4 50
" 18	"	" May	149 05
" 18	"	" Brooklyn, May	14 50
" 18	"	" Queens, May	30
" 18	"	" Manhattan, May	140 26
" 18	"	" Brooklyn, May	4 13

" 18	"	Queens, May	50
" 19	Panama Railroad Company...	Three months' rent Pier, new 57, North river..	\$18,088 90
" 19	Third Avenue Railroad Company	Three months' rent land under water, between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, on west side of Harlem river	\$6,875 00
" 19	Theresa A. S. Sheridan.....	Three months' rent use of upland, 40 by 100 feet, south of Pier at Ninety-seventh street, North river	562 50
" 19	"	One month's rent, 130 feet of bulkhead, between Piers at Ninety-sixth and Ninety-seventh streets, with dumping privilege and use of upland in rear, North river.....	75 00
" 19	H. D. Mould.....	Three months' rent ice platform, west side of Pier 53, East river.....	155 00
" 19	Etzel & Son.....	Three months' rent 125 feet north side Pier, old 61, East river.....	52 75
" 19	Geo. Ehret and Jacob Ruppert	Three months' rent bulkhead foot of Ninety-third street, East river.....	250 00
" 19	Dockmasters	Wharfage, Manhattan, May.....	325 00
" 19	"	Brooklyn, May	266 97
" 19	"	Queens, May	16 68
" 20	Pennsylvania Railroad Company	Total.....	\$8,579 50
" 20	Beadleston & Woerz.....	Three months' rent Pier at Thirty-eighth street, North river	\$2,750 00
" 20	Central Crosstown Railroad Company	Three months' rent privilege to run pipe across new-made land foot Charles street, North river	75 00
" 20	H. C. Calkins, Jr.....	Three months' rent privilege of maintaining tracks foot of East Twenty-third street, as extended	50 00
" 20	W. H. Jenks.....	Cost of inspection of the work of replacing pavement foot of Christopher street.....	62
" 20	"	Set plans Pier, new 20, East river; Pier foot Bay Ridge avenue, Brooklyn, and Pier between Fifty-first and Fifty-second streets, Brooklyn	15 00
" 20	"	Set plans Pier, new 36, East river.....	5 00
" 20	New York Edison Company..	Set maps for the designation of new Piers, East river	1 00
" 20	Morris Reynolds.....	Cost of removing single truck from Pier 42, North river	3 00
" 20	Spearin & Preston.....	Set of plans for Pier at Bay Ridge avenue, Brooklyn	5 00
" 20	R. P. & J. H. Staats.....	Set of plans for Pier at Twentieth street, East river	5 00
" 20	Collectors	Wharfage, Manhattan, May	32 70
" 20	"	" Manhattan, April	634 31
" 20	"	" Brooklyn, April	29 85
" 20	"	" Queens, April	3 22
" 20	"	" Manhattan, March	445 79
" 20	"	" Queens, March	78 53
" 20	"	" Queens, March	11 00
" 20	"	" Manhattan, February	3 10
" 20	Dockmasters	" Manhattan, May	286 32
" 20	"	" Brooklyn, May	4 59
" 21	Erie Railroad Company.....	Total.....	\$4,439 03
" 21	John B. McDonald.....	Three months' rent land under water, between Twenty-second and Twenty-third streets, North river	\$427 87
" 21	Ocean Steamship Company of Savannah	Three months' rent land under water, covered by Pier foot of One Hundred and Fiftieth street and Lenox avenue, Harlem river....	52 09
" 21	Edison Electric Illuminating Company	Three months' rent Pier 35, as extended, and bulkhead north side, North river.....	13,051 26
" 21	Hoboken Ferry Company....	Three months' rent bulkhead between Thirty-eighth and Thirty-ninth streets, East river..	437 50
" 21	Michael Grant.....	Three months' rent bell tower outer end Pier, new 15, North river	25 00
" 21	"	Ten days' rent, 50 by 100, in rear of bulkhead, between Twenty-eighth and Twenty-ninth streets, North river	8 22
" 21	"	Twenty-five days' rent, 50 by 100, in rear of bulkhead, between Twenty-eighth and Twenty-ninth streets, North river.....	25 00
" 21	Dockmasters	Wharfage, Manhattan, May	111 14
" 21	"	Brooklyn, May	18 24
" 22	Consolidated Gas Company...	Total.....	\$14,156 32
" 22	Conrad Stein & Son.....	Three months' rent bulkhead foot of Forty-first street, North river	\$75 00
" 22	Metropolitan Street Railway Company	Three months' rent, salt water pipe, through bulkhead, south of Fifty-eighth street, North river	75 00
" 22	John D. Daly Towing Line..	One month's rent new-made land, between Forty-third and Forty-fourth streets, North river	75 00
" 22	"	Cost of repairing Pier foot of West Ninety-seventh street, damaged by tugboat "John D. Daly"	60 30
" 22	Collectors	Wharfage, Manhattan, May	73 37
" 22	"	" Manhattan, April	550 59
" 22	"	" Brooklyn, April	9 12
" 22	"	" Queens, April	4 00
" 22	"	" Manhattan, March	318 10
" 22	"	" Brooklyn, March	9 10
" 22	"	" Queens, March	3 50
" 22	"	" Manhattan, February	195 00
" 22	Dockmasters	" Queens, February	3 50
" 22	"	" Manhattan, May	95 53
" 22	"	" Brooklyn, May	2 20
" 22	"	Total.....	\$1,549 31

The following bills were approved and transmitted to the Finance Department for payment:

Audit No.	Names.	Amount.
21174.	International Contracting Company, Estimate No. 3, Contract No. 748	\$41,813 67
21175.	George B. Spearin, Estimate No. 2, Contract No. 764.....	7,584 08
21176.	Bernard Rolf, Estimate No. 2, Contract No. 761.....	5,583 23
21177.	The Phoenix Towing and Transportation Company, No. 3 and final, Contract No. 738, Class I.....	2,853 66
21178.	Bryan L. Kennelly, appraising ferry property, Staten Island..	500 00
21179.	Richard L. Walsh, service as expert In re West Eighteenth to Twenty-second street proceedings.....	2,500 00
21180.	Herbert C. Plass, service as expert In re West Eighteenth to Twenty-second street proceedings.....	125 00
21181.	A. L. Coe, photographing wharf property In re West Eighteenth to Twenty-second street proceedings.....	287 00
21182.	The Title Guarantee and Trust Company, In re one-half Pier 54, East river	133 37
21183.	Bernard Rolf, Estimate No. 4, Contract No. 753.....	9,194 71
21184.	James J. Gilroy, repairs to launch "Bronx".....	775 00
21185.	A. V. Benoit, blue print paper.....	74 00
21186.	Thomas C. Dunham (incorporated), naphtha.....	49 50
21187.	Mail and Express, printing, etc.....	606 00
	Total	\$72,079 22

RUSSELL BLEECKER, Secretary.

DEPARTMENT OF HEALTH.

Week Ending Saturday, 12 M., July 4, 1903.

Borough.	Population U. S. Cen- sus 1900.	Estimated Population Middle of Year 1903.	Deaths.		Correct- ed, 1903.	Births.	Mar- riages.	Still- births.	Death-rate.		*Cor- rected 1903.
			1902.	1903.					1902.	1903.	
Manhattan.....	1,850,093	1,917,676	688	711	672	811	562	83	18.94	19.34	18.28
The Bronx.....	200,507	268,341	97	80	78	85	22	7	20.73	15.55	15.16
Brooklyn.....	1,166,582	1,291,597	460	453	423	436	292	33	19.21	18.30	17.09
Queens.....	152,999	182,681	61	56	53	81	31	6	18.45	15.90	15.13
Richmond.....	67,021	72,608	15	23	21	16	18	..	11.06	16.53	15.09
City of New York.....	3,437,202	3,732,993	1,321	1,323	1,247	1,429	925	129	18.97	18.49	17.43

* Non-residents and infants under 1 week old not included.
† The presence of several large institutions, the great majority of whose inmates are residents of the other boroughs, increases considerably the death-rate of this borough.

Infectious and Contagious Diseases in Hospital.

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.					KINGSTON AVENUE HOSPITAL.				
	Scarlet Fever.	Diphtheria.	Total.	Diphtheria.	Tuberculosis Pulmonalis.	Scarlet Fever.	Small-pox.	Total.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Total.
Remaining June 27, 1903	..	52	52	..	34	102	..	136	17	57	53	2	129
Admitted	21	21	4	13	30	..	47	4	30	6	1	41
Discharged	19	19	..	..	20	..	20	5	14	7	1	27
Died	8	8	..	2	5	..	7	2	2	2	..	6
Remaining July 4, 1903	..	36	36	4	45	107	..	156	14	71	50	2	137
Total treated.	63	63	4	47	132	..	183	21	87	54	3	170

Cases of Infectious and Contagious Diseases Reported and Deaths from Same, by Wards.

		WARDS.	SICKNESS.						DEATHS REPORTED.						
Boroughs.			Diphtheria and Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Tuberculosis Pulmonalis.	Diphtheria and Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Tuberculosis Pulmonalis.	All Causes.
Manhattan.	First	2	1	..	..	..	1	..	..	..	..	..	..	..	6
	Second	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Third	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Fourth	3	1	..	..	..	1	..	..	..	..	..	..	..	1
	Fifth	3	2	..	..	..	3	2	..	..	..	..	..	5	13
	Sixth	1	4	1	..	1	3	..	2	..	..	..	..	1	3
	Seventh	5	1	4	..	1	9	1	..	..	..	..	..	4	11
	Eighth	1	5	2	..	..	4	..	1	..	..	..	..	2	15
	Ninth	11	6	3	..	1	9	..	..	..	..	..	..	2	20
	Tenth	7	4	7	..	2	13	2	..	1	..	1	3	29	29
	Eleventh	3	8	10	..	..	5	1	..	..	..	..	..	4	42
	Twelfth	68	59	16	..	5	32	7	2	1	..	..	12	155	
	Thirteenth	4	14	10	..	1	9	1	..	..	..	..	..	1	15
	Fourteenth	..	3	2	..	..	5	..	2	1	..	..	..	..	18
	Fifteenth	4	1	1	..	1	3	1	..	..	..	..	..	3	14
	Sixteenth	7	5	5	..	..	7	..	..	1	..	1	3	..	28
	Seventeenth	9	10	10	..	..	15	1	..	..	..	1	7	..	65
	Eighteenth	7	9	1	..	..	7	2	..	..	..	..	4	..	41
	Nineteenth	27	29	8	..	..	24	3	..	..	..	1	10	..	107
The Bronx.	Twentieth	7	9	6	..	1	10	1	..	..	..	1	5	..	35
	Twenty-first	4	6	..	..	..	7	1	..	..	..	..	1	..	29
	Twenty-second	8	20	3	..	6	16	1	2	..	..	1	4	..	58
	Twenty-third	16	7	3	..	2	18	..	3	..	..	6	5	..	51
	Twenty-fourth	10	1	2	..	..	9	3	..	..	..	..	5	..	29
Total		207	205	94	..	22	211	27	9	7	..	7	82	791	

Brooklyn.	First	2	1	3	
	Second	1	..	1	1	
	Third	2	1	2	1	4	
	Fourth	1	2	1	1	1	
	Fifth	4	15	
	Sixth	5	..	4	..	2	2	1	1	12	
	Seventh	5	20	
	Eighth	4	11	9	..	1	2	3	
	Ninth	7	22	3	13	
	Tenth	4	1	2	..	1	1	15	
	Eleventh	..	1	1	1	17	
	Twelfth	5	1	4	..	3	2	1	12	
	Thirteenth	4	2	3	..	1	1	2	9	
	Fourteenth	6	8	2	..	1	1	14	
	Fifteenth	9	1	1	1	1	17	
	Sixteenth	3	4	1	..	1	11	
	Seventeenth	4	2	2	3	1	3	28	
	Eighteenth	3	1	3	..	19	
	Nineteenth	6	14	1	..	1	1	8	
	Twentieth	1	1	1	1	17	
	Twenty-first	5	21	3	3	1	16	
Twenty-second	..	2	3	29		
Twenty-third	3	1	4	1	14		
Twenty-fourth	1	2	2	..	2	1	5	20		
Twenty-fifth	2	5	4	..	2	18		
Twenty-sixth	7	20	1	..	2	2	22		
Twenty-seventh	5	5	1	1	2	1	1	21		
Twenty-eighth	10	2	2	..	2	1	16		
Twenty-ninth	1	1	1	..	1	1	2	2	2	1	7	37		
Thirtieth	7		
Thirty-first	1	6		
Thirty-second	3		
Total		103	128	50	..	22	23	18	3	7	..	2	34	453
Queens.	First	1	17	2	6	31	
	Second	1	..	5	1	7	
	Third	1	7	4	2	8	
	Fourth	2	..	1	1	7	
	Fifth	2	..	2	1	3	
Total		7	24	10	10	1	4	56	
Richmond	First	5	1	1	1	2	9	
	Second	3								

Deaths According to Cause, Annual Rate per 1,000 and Age, with Meteorology and Number of Deaths in Public Institutions for 13 Weeks.

General Work of the Department.	
Total in pections of premises.....	20,086
" orders issued for abatement of nuisances	485
" inspections of milk and other foods.....	10,623
" pounds of food condemned and destroyed.....	290,878
" chemical analyses made.....	300
" bacteriological examinations made for diphtheria.....	666
" bacteriological examinations made for tuberculosis.....	170
" vaccinations performed.....	2,080
" children's employment certificates granted.....	2,905
" children's employment certificates refused.....	276
" medical inspections of schools.....	46

	RESULTS EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSAND.
Appearance.	Very slightly turbid.	Very slightly turbid.
Color.	Light yel. brown.	Light yel. brown.
Odor (Heated to 100° Fahr.)	Slightly marshy.	Slightly marshy.
Chlorine in Chlorides.	0.117	0.207
Equivalent to Sodium Chloride.	0.192	0.330
Phosphates (P_2O_5)	None.	None.
Nitrogen in Nitrates	None.	None.
Nitrogen in Nitrates	0.0117	0.0200
Free Ammonia	0.0012	0.0020
Albuminoid Ammonia	0.0111	0.0195
	1.77	3.04
Hardness equivalent to Carbonate of Lime { Before boiling.		
	{ After boiling.	
Organic and volatile (loss on ignition)	1.72	2.95
Mineral matter (non-volatile)	0.70	1.20
Total solids (by evaporation)	3.50	6.00
	4.20	7.20

Temperature at hydrant, 66° Fahr.

Analysis of Ridgewood Water, July 3, 1903.

	RESULTS EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSAND.
Appearance.	Slightly turbid.	Slightly turbid.
Color.	Slight brownish vel.	Slight brownish vel.
Odor (Heated to 100° Fahr.).	Slightly vegetable.	Slightly vegetable.
Chlorine in Chlorides.	0.3320	0.7500
Equivalent to Sodium Chloride.	0.7070	1.4360
Phosphates (P ₂ O ₅).	None.	None.
Nitrogen in Nitrates.	0.0691	0.1219
Nitrogen in Nitrates.	None.	None.
Free Ammonia.	0.0047	0.0090
Albuminoid Ammonia.	1.6600	2.8800
Hardness equivalent to Carbonate of Lime.		
Before boiling.	1.6600	2.8800
After boiling.	1.4000	2.4000
Organic and volatile (loss on ignition).	2.4500	4.7000
Mineral matter (non-volatile).	3.8500	6.6000
Total solids (by evaporation).		

Temperature at hydrant, 67.5° Fahr.

BOROUGH OF THE BRONX.

Meeting of the Local Board of Chester, Twenty-fifth District. Pursuant to call by President Haffen, the members of the Local Board of Chester, Twenty-fifth District, met on July 14, 1903, at 10 a. m., at the office of the President of the Borough of The Bronx.

Present—President Haffen, Alderman Behrmann.

Absent—Alderman Gass.

Minutes of the previous meeting were read and adopted:

No. 377.

Construction of temporary sewers and appurtenances in Amethyst avenue, Victor street, Washington street, Louise street, Lincoln street, Jefferson street and Madison street, between Morris Park avenue and the first proposed street northerly therefrom.

Petition of Thomas Scott and others was read, as was also the protest of Ephraim B. Levy, dated July 11, 1903.

On motion the matter was laid over.

Change of name of Oakley avenue to Amethyst street.

Letter of Thomas J. Larkin was read and the matter referred to the Board of Aldermen.

Abolition of all grade crossings, and the depression of the tracks of the Port Morris Branch Railroad, as shown on map, dated March 20, 1902, etc.

Communication of the Corporation Counsel, dated July 10, 1903, informing the Local Board of the passage of chapter 424 of the Laws of 1903, was read and placed on file.

Constructing temporary sewers and appurtenances in Bronx Park avenue, from its southerly to its northerly end, One Hundred and Seventy-seventh street, One Hundred and Seventy-eighth street, One Hundred and Seventy-ninth street, and Lebanon street, Neil Estate, Westchester.

Petition of August Diener and others was read. The Chief Engineer reported the total estimated cost at \$14,625, and the assessed value of the real estate included within the probable area of assessment at \$241,000.

No one appeared in opposition and on motion the following preambles and resolutions were adopted:

Whereas, A petition for a local improvement described below has been received by the President of the Borough of The Bronx; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the "City Record" that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same, and give a full hearing thereon; now, therefore, it is

Resolved, by the Local Board of Chester, Twenty-fifth District, Borough of The Bronx, pursuant to titles 2 and 3 of chapter X of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, that this Board does hereby initiate proceedings for the said local improvement, to wit:

For constructing a temporary sewer and appurtenances in Bronx Park avenue, from its southerly to its northerly end, One Hundred and Seventy-seventh street, One Hundred and Seventy-eighth street, One Hundred and Seventy-ninth street, and Lebanon street, Neil Estate, Westchester, in the Borough of The Bronx, City of New York, and it is hereby

Resolved, that a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of Chester, Twenty-fifth District, on the 14th day of July, 1903. Aldermen Behrmann and the President of the Borough of The Bronx voting in favor thereof. Negative—None.

On motion the Board then adjourned to meet again on the call of the Chair.

HENRY A. GUMBLETON, Secretary.

DEPARTMENT OF PUBLIC CHARITIES.

REPORT, WEEK ENDING JULY 11, 1903.

NEW YORK CITY HOME FOR AGED AND INFIRM, MANHATTAN DIVISION.

Appointments—

- July 2. Mary Judge, Hospital Helper, \$144 per annum (certified July 2).
- July 1. Sarah Gordon, Hospital Helper, \$150 per annum (certified July 1).
- July 7. Charles F. Davis, Hospital Helper, \$120 per annum (certified July 6).
- July 3. Bridget Flynn, Hospital Helper, \$144 per annum (certified July 3).
- July 8. John C. Johnston, Hospital Helper, \$120 per annum (certified July 7).
- July 8. Mary Hazlett, Hospital Helper, \$144 per annum (certified July 8).
- July 8. Nettie King, Hospital Helper, \$150 per annum (certified July 8).
- July 10. Fred Metzger, Hospital Helper, \$60 per annum (certified July 1).

Resignations—

- July 5. Annie Coyle, Seamstress, \$180 per annum.
- July 9. Edw. Lombard, Hospital Helper, \$60 per annum.

Dismissals—

- July 5. Joseph Donovan, Hospital Helper, \$120 per annum (insubordination).
- July 9. Bernard J. Carr, Hospital Helper, \$120 per annum (absence without leave).

July 9. Jennie Gilmartin, Hospital Helper, \$144 per annum (insubordination).
NEW YORK CITY HOME FOR AGED AND INFIRM, BROOKLYN DIVISION.

Appointments—

- July 1. Frank S. Jameson, Hospital Helper, \$300 per annum (certified July 6).

Transferred—

- July 1. John P. Johnson, Hospital Helper, \$360 per annum (to Kings County Hospital).

BRADFORD STREET HOSPITAL.

Dismissals—

- July 8. Frank Byer, Hospital Helper, \$144 per annum (intoxication).

Transferred—

- July 6. Sarah M. Ripley, Pupil Nurse, \$120 per annum (from Kings County Hospital).

- July 6. Margaret Brennan, Pupil Nurse, \$120 per annum (to Kings County Hospital).

CITY HOSPITAL.

Appointments—

- July 15. A. F. Pattee, Hospital Helper, \$120 per annum (certified May 25).

CONEY ISLAND HOSPITAL.

Appointments—

- July 1. Henry Fitzgerald, Hospital Helper, \$144 per annum.

Transferred—

- July 8. Minnie Thompson, Pupil Nurse, \$120 per annum (to Kings County Hospital).

CUMBERLAND STREET HOSPITAL.

Appointments—

- July 1. Robert Doherty, Hospital Helper, \$144 per annum (certified July 3).
- July 7. Mary McDermott, Hospital Helper, \$168 per annum (certified July 1).

Restored to Roll—

- July 1. Margaret Shea, Pupil Nurse, \$120 per annum (leave granted, 15 days without pay, June 16).

Promotion—

- July 1. Oscar Smith, Hospital Helper, \$144 to \$240 grade.
- July 1. John Keefe, Hospital Helper, \$144 to \$216 grade.

Dismissals—

- June 30. Mary Park, Hospital Helper, \$168 per annum (incompetency).

Leave Granted—

- July 1. H. Lida Leach, Trained Nurse, \$360 per annum (7 days, without pay).

KINGS COUNTY HOSPITAL.

Appointments—

- July 1. Frances P. Booth, Hospital Helper, \$600 per annum (certified July 6).
- July 1. Ellen D. Constant, Hospital Helper, \$300 per annum (certified July 6).
- July 1. Helen R. Sutton, Cook, \$480 per annum (certified July 6).
- July 7. Charles F. Burke, Hospital Helper, \$300 per annum (certified July 10).
- July 1. John Hanna, Hospital Helper, \$144 per annum.

Promotion—

- July 1. William F. Abel, Hospital Helper, \$144 to \$300 grade.
- July 1. Rose Brady, Waitress, \$180 to \$192 grade.

Transferred—

- July 1. John P. Johnson, Hospital Helper, \$360 per annum (from N. Y. C. Home, Brooklyn).

- July 6. Sarah M. Ripley, Pupil Nurse (to Bradford Street Hospital).

Dismissals—

- July 6. Margaret Brennan, Pupil Nurse, \$120 per annum (from Bradford Street Hospital).
- July 8. Minnie Thompson, Pupil Nurse, \$120 per annum (to Coney Island Hospital).

Dismissals—

- July 2. Annie Train, Waitress, \$180 per annum (absence without leave).
- July 3. Fred Knott, Hospital Helper, \$144 per annum (insubordination).
- July 4. Harold A. Sanders, Hospital Helper, \$300 per annum (absent without leave).

Resignations—

- July 6. Ruth Pirt, Hospital Helper, \$600 per annum.
- July 2. Thomas W. Martin, Hospital Helper, \$300 per annum.

METROPOLITAN HOSPITAL.

Appointments—

- July 1. Michael Cash, Hospital Helper, \$150 per annum (certified July 1).
- July 1. James Brown, Hospital Helper, \$150 per annum (certified July 1).
- July 1. Joseph Walsh, Hospital Helper, \$150 per annum (certified July 1).
- July 1. Theophilis Dabb, Hospital Helper, \$150 per annum (certified July 1).
- July 1. Charles Weiler, Hospital Helper, \$150 per annum (certified July 1).
- July 1. Annie Larkin, Hospital Helper, \$150 per annum (certified July 1).
- July 1. Margaret Wallace, Hospital Helper, \$150 per annum (certified July 1).
- July 1. Hugh McCutcheon, Hospital Helper, \$150 per annum (certified July 6).
- July 4. Patrick Keyes, Hospital Helper, \$120 per annum (certified July 6).
- July 1. Theresa McAleer, Hospital Helper, \$150 per annum (certified July 6).
- July 1. George Cullen, Hospital Helper, \$300 per annum (certified July 7).
- July 5. Julius Hampe, Hospital Helper, \$60 per annum (certified July 5).
- July 1. Lizzie Sheridan, Hospital Helper, \$150 per annum (certified July 10).
- July 1. Fred. H. Jarvis, Hospital Helper, \$120 per annum (certified July 10).
- July 1. Joseph Hanna, Hospital Helper, \$150 per annum (certified July 10).
- July 4. Henry E. Stuart, Hospital Helper, \$300 per annum (certified July 11).
- July 6. John F. Hagan, Hospital Helper, \$300 per annum (certified July 11).

Re-appointment—

- July 1. Frank H. Hobin, Hospital Helper, \$300 per annum, May 31, 1903, resigned.

Promotion—

- July 1. Lizzie Gilligan, Hospital Helper, from \$150 to \$192 grade.
- July 11. Edward O'Connor, Hospital Helper, from \$60 to \$120 grade.

Resignations—

- June 30. Mary Daly, Hospital Helper, \$150 per annum.
- July 1. John J. Sweeney, Hospital Helper, \$150 per annum.
- July 2. Thomas Walker, Hospital Helper, \$60 per annum.
- July 2. Jerome Lillis, Hospital Helper, \$300 per annum.
- July 1. Charles E. Abbott, Hospital Helper, \$300 per annum.
- July 3. J. R. Raymond, Hospital Helper, \$120 per annum.
- July 10. Joseph Dixon, Hospital Helper, \$120 per annum.
- July 9. James McGonigal, Hospital Helper, \$150 per annum.
- July 10. Constant Lyons, Hospital Helper, \$120 per annum.
- July 10. Julius Hampe, Hospital Helper, \$60 per annum.
- June 25. Patrick McKeever, Nurse, \$300.

Dismissals—

- July 1. William Banker, Hospital Helper, \$150 per annum; incompetency.
- July 8. Edward Dowling, Hospital Helper, \$60 per annum; incompetency.

Dropped—

- July 1. John Gormley, Hospital Helper, \$300 per annum. Failed to report for duty.

- July 1. Mary E. Canning, Pupil Nurse, \$180 per annum. Graduated.

- July 1. Helen Saffer, Hospital Helper, \$150 per annum. Illness.

- July 1. Joseph Hanna, Hospital Helper, \$150 per annum. Failed to report for duty.

Leave Granted—

- August 10. Alice M. Kingsland, Hospital Helper, \$540 per annum, fourteen days, without pay.

NEW YORK CITY TRAINING SCHOOL.

Appointments—

- July 6. Frances H. Meyer, Head Pupil Nurse, \$360 per annum.
- July 6. Deborah D. Davis, Head Pupil Nurse, \$360 per annum.
- July 9. Anna S. Muldoon, Head Pupil Nurse, \$360 per annum.

Promotion—Transferred—

- July 6. Lena Muldoon, Head Pupil Nurse, from \$360 to \$480 per annum (to New York City Children's Hospitals and Schools).

Promotion—

- July 1. Florence A. McCuaig, Pupil Nurse, from \$120 to \$144 grade.
- July 1. Sarah A. Cowan, Pupil Nurse, from \$120 to \$144 grade.

Dropped—

- June 30. Mary E. MacEwen, Head Pupil Nurse, \$360 per annum (graduated).
- June 30. Laura T. Atkinson, Head Pupil Nurse, \$360 per annum (graduated).
- July 16. Hannah S. Maloney, Pupil Nurse, \$180 per annum (graduated).
- July 31. Anna E. Kunze, Pupil Nurse, \$180 per annum (graduated).
- July 31. Carrie L. Lines, Pupil Nurse, \$180 per annum (graduated).
- July 31. Lees Padden, Pupil Nurse, \$180 per annum (graduated).
- July 2. John Fitzgerald, Hospital Helper, \$150 per annum (own request).

Dismissals—

- June 30. Della Woodruff, Hospital Helper, \$144 per annum (unsatisfactory).

BUREAU OF DEPENDENT ADULTS.

Appointments—

July 9. Thomas Kelly, Hospital Helper, \$150 per annum (certified July 9).

Resignations—

July 1. Edward Page, Hospital Helper, 150 per annum.

Dismissals—

June 17. Charles Trehan, Hospital Helper, \$240 per annum (absence without leave).

NEW YORK CITY CHILDREN'S HOSPITALS AND SCHOOLS.

Appointments—

July 9. James McGonigal, Stoker, \$1.50 per day (certified July 9).
 July 1. George Hickey, Hospital Helper, \$240 per annum (certified July 9).
 July 1. Julia Scovel, Hospital Helper, \$120 per annum (certified July 9).
 July 6. Annie Connor, Hospital Helper, \$120 per annum (certified July 9).
 July 8. Julia Scott, Hospital Helper, \$120 per annum (certified July 9).
 July 8. Kate Temple, Hospital Helper, \$120 per annum (certified July 9).
 July 7. Rubino Morrison, Hospital Helper, \$120 per annum (certified July 9).
 July 9. Nellie Hart, Hospital Helper, \$120 per annum (certified July 9).
 July 1. Nellie Bannon, Hospital Helper, \$120 per annum (certified July 9).
 July 9. Mary Lyons, Hospital Helper, \$120 per annum (certified July 9).
 July 6. John Madigan, Hospital Helper, \$120 per annum (certified July 9).
 July 8. John Barclay, Hospital Helper, \$120 per annum (certified July 9).
 July 1. Fred. Williams, Hospital Helper, \$120 per annum (certified July 9).
 July 1. Edward Wilson, Hospital Helper, \$120 per annum (certified July 9).
 July 8. Wm. Brown, Hospital Helper, \$120 per annum (certified July 9).
 July 1. James Miller, Hospital Helper, \$120 per annum (certified July 9).
 July 7. Mary Brennan, Hospital Helper, \$120 per annum (certified July 9).
 July 9. Nellie Goodheart, Hospital Helper, \$120 per annum (certified July 9).
 July 8. Lizzie Wilson, Hospital Helper, \$120 per annum (certified July 9).
 July 6. Mary Croarey, Hospital Helper, \$120 per annum (certified July 9).
 July 1. Margaret Jennings, Hospital Helper, \$120 per annum (certified July 9).
 July 4. Hattie Vogel, Wet Nurse, \$120 per annum (certified July 11).
 July 1. Lizzie Clancy, Hospital Helper, \$240 per annum (certified July 11).
 July 1. Ann Ring, Hospital Helper, \$240 per annum (certified July 11).
 July 8. Mary Keane, Hospital Helper, \$240 per annum (certified July 11).

Re-appointments—

July 8. James Cogans, Stoker, \$1.50 per day, June 30 (dropped on account of illness).

Dismissals—

June 30. Mary Croarey, Hospital Helper, \$120 per annum (absent without leave).

June 30. Jane Dillon, Hospital Helper, \$120 per annum (absent without leave).

June 30. Rubino Morrison, Hospital Helper, \$120 per annum (absent without leave).

June 30. Mary Brannigan, Hospital Helper, \$120 per annum (absent without leave).

Dropped—

June 30. James Cogans, Stoker, \$1.50 per day (illness).

June 30. Helen Fee, Hospital Helper, \$240 per annum (illness).

Transferred (Promotion)—

July 6. Lena Muldoon, Head Pupil Nurse, \$360 to \$480 per annum, from New York City Training School.

Resignations—

June 30. Daniel Galvin, Stoker, \$1.50 per day.
 July 3. Maggie Kelly, Hospital Helper, \$120 per annum.
 July 3. Lizzie Moore, Hospital Helper, \$120 per annum.
 July 3. Delia Logan, Hospital Helper, \$120 per annum.
 July 6. Lizzie Davis, Hospital Helper, \$120 per annum.
 June 30. Annie McMullen, Hospital Helper, \$150 per annum.
 July 6. Patrick O'Brien, Hospital Helper, \$120 per annum.
 July 5. Eugene Summers, Hospital Helper, \$120 per annum.
 June 30. John Williams, Hospital Helper, \$120 per annum.
 June 30. Patrick McGowan, Hospital Helper, \$120 per annum.
 June 30. Daniel Hanlon, Hospital Helper, \$150 per annum.
 July 7. Harry Roberts, Hospital Helper, \$120 per annum.
 June 30. George Hickey, Hospital Helper, \$120 per annum.
 June 30. Catherine Teele, Hospital Helper, \$120 per annum.
 July 9. Evelyn Post, Hospital Helper, \$240 per annum.
 July 8. Lizzie Clancy, Hospital Helper, \$240 per annum.
 June 30. Helen Hunt, Hospital Helper, \$360 per annum.
 June 30. Michael O'Farrell, Hospital Orderly, \$300 per annum.
 June 30. Maria Malley, Hospital Helper, \$120 per annum.

STEAMBOATS.

Appointments—

July 7. Frank Harper, Hospital Helper, \$360 per annum (certified July 7).

Resignation—

July 5. Samuel Sadler, Deckhand, \$360 per annum.

Yours very truly,

J. McKEE BORDEN, Secretary.

MORGUE.

Description of Unknown Man, from Roosevelt Hospital—Age, about 55 years; height, 5 feet, 5 inches; weight, about 160 pounds; color, white; eyes, gray; hair, brown and gray mixed; mustache, brown and gray tinged; 1 lower front tooth missing. Clothing: Blue diagonal double breasted sack coat, white duck vest; blue and gray striped pants; white muslin shirt; standing collar; black silk bow tie; white cotton underwear; black cotton socks; tan laced shoes; leather belt. Condition of body, good.

Description of Unknown Woman, Found in Basement of No. 633 Third Avenue—Age, about 50 years; height, 5 feet 4 inches; weight, about 140 pounds; color, white; eyes, can't tell; hair, brown and gray; part of front upper teeth missing; clothing, brown plaid woolen shawl, gray woolen waist and blue and white calico waist, black serge skirt, white cotton undershirt, white cotton drawers, white cotton petticoat, blue check gingham apron, gray cotton stockings, pair elastic garters and pair laced shoes; condition of body, bad.

Description of Unknown Man from Pier 8, North River—Age, about 40 years; height, 5 feet 11 inches; color, white; eyes, can't tell; part of the front upper and lower teeth missing; no hair or flesh on head; clothing, black cheviot pants, blue flannel shirt, white cotton drawers, elastic gaiters, red and white cotton handkerchief; condition of body, bad.

Description of Unknown Man from Pier "A," North River—Age, about 40 years; height, 5 feet 4 inches; weight, about 150 pounds; color, white; hair, sandy and gray mixed; mustache, none; beard, none; two hands clasped tattooed on right arm, A. E. and anchor tattooed on left arm; clothing, black and gray striped pants, pink and white striped shirt, gray cotton underwear, brown cotton socks; black laced shoes; condition of body, bad.

Description of Unknown Man from New York Bay Off Ellis Island—Age, about 40 years; height, 5 feet 8 inches; weight, about 200 pounds; color, white; hair, sandy; mustache, sandy; beard, none; good teeth; no clothing on body; condition of body, bad.

Description of Unknown Man, from Sixty-sixth Precinct, Canarsie—Age, about 40 years; height, 5 feet 10 inches; weight, about 160 pounds; color, white; eyes, gray; hair, dark and gray mixed; mustache, dark and gray mixed; beard, none; teeth, good; clothing, black cheviot sack coat, vest and trousers same material, white shirt, white balbriggan underwear, black cotton socks, black laced shoes (size 8), standing collar (size 15½), black satin tie; condition of body, good.

Description of Unknown Man from German Hospital—Age, about 45 years; weight, about 150 pounds; eyes, blue; mustache, sandy; height, 5 feet 6 inches; color, white; hair, dark; beard, none; three front upper teeth missing; letters J. L. and eagle tattooed on right forearm; clothing, black and white check sack coat, vest same material, black cheviot trousers, blue and white check jumper, white cotton underwear, black cotton socks, tan-laced shoes size 7, white and black striped suspenders, brown derby hat size 7; condition of body, good.

Department of Public Charities,
Foot of East Twenty-sixth Street,
July 9, 1903.

CHAS. B. NANNEN, Esq., No. 501 West Forty-fourth Street, City:

Dear Sir—Your proposition of July 8 to repair 34½ by 2¾ by 4 Laidlaw, Dunn & Gordon, one 6 by 4 by 6 Blake and one 7½ by 4½ by 6 duplex Worthington steam pumps. I have examined them and the following new parts and labor will be required to put them in first-class working order: Six new steel piston rods, 1 piston rod stuffing box and follower, 1 steam chest stuffing box gland, 12 new motion pins, 2 4-inch brass pump linings for the 6 by 4 by 6 pump. Valve motion to be repaired for the 7½ by 4½ by 6 pump. Valve motion to be repaired, all steam pistons and slide valves to be refitted, water pistons repacked. I hereby submit the following proposition: For the sum of one hundred and fifty dollars (\$150) I will agree to furnish the above mentioned material and labor, and such other material and labor to put these five pumps in first-class working order, workmanship and material to be first class and done to your entire satisfaction, is accepted, and you are hereby directed to proceed with the work.

Yours truly,

J. McKEE BORDEN, Secretary.

Department of Public Charities,
Foot of East Twenty-sixth street,
New York, July 9, 1903.

HARRY L. PHILP, No. 189 East One Hundred and Fifteenth street, City:

Dear Sir—Your proposition of July 7, 1903, to furnish labor and material for alterations and additions to pump apparatus and return lines at central power house, Randall's Island, in accordance with specifications on file in office of Supervising Engineer, for the sum of four hundred and ninety-seven dollars (\$497), all work to be done in the best workmanlike manner under the special direction of the Supervising Engineer, and when completed to be to the entire satisfaction of the Commissioner of Public Charities, is accepted and you are hereby directed to proceed with the work.

By direction of the First Deputy and Acting Commissioner.

J. McKEE BORDEN, Secretary.

Department of Public Charities,
Foot of East Twenty-sixth street,
New York, July 9, 1903.

Mr. A. WINTERNITZ, No. 216 East Seventy-third street, City:

Dear Sir—Your proposition of July 7, 1903, to furnish labor and material to repair boiler settings at Randall's Island in accordance with the specifications, under the direction of the Supervising Engineer and to the satisfaction of the Commissioner of Public Charities, all for the sum of two hundred and seventy dollars (\$270), is accepted and you are hereby directed to proceed with the work.

By direction of the First Deputy and Acting Commissioner.

J. McKEE BORDEN, Secretary.

Department of Public Charities,
Foot of East Twenty-sixth Street,
New York, July 8, 1903.

Messrs. KLENERT & JOHNSON, No. 303 East Seventy-eighth Street, City:

Dear Sirs—Your proposition of July 7, 1903, to furnish labor and material to make repairs to boiler setting, City Lodging House, No. 398 First avenue, city, as per specifications on file in office of Supervising Engineer, all for the sum of sixty dollars (\$60), the work to be done under the direction of the Supervising Engineer and to the satisfaction of the Commissioner of Public Charities, is accepted, and you are hereby directed to proceed with the work.

By direction of the First Deputy and Acting Commissioner.

J. McKEE BORDEN, Secretary.

Department of Public Charities,
Foot of East Twenty-sixth Street,
New York, July 8, 1903.

Messrs. KLENERT & JOHNSON, No. 303 East Seventy-eighth Street, City:

Dear Sirs—Your proposition of July 7, 1903, to furnish all the labor and material required to erect two toilets in the waiting room on dock at foot of East Fifty-second street, according to plans and specifications on file in the office of the Supervising Engineer, all for the sum of seventy-five dollars (\$75), the work to be done under the direction of the Supervising Engineer and to the satisfaction of the Commissioner of Public Charities, is accepted, and you are hereby directed to proceed with the work.

By direction of the First Deputy and Acting Commissioner.

J. McKEE BORDEN, Secretary.

Department of Public Charities,
Foot of East Twenty-sixth Street,
New York, July 10, 1903.

HERBERT C. BARNETT, Esq., No. 023 Sixth Avenue, City:

Dear Sir—Your proposition of July 9, to furnish and install a 6-inch vibrating bell connecting office and engine room at Metropolitan Hospital, to be installed in a neat and workmanlike manner, using the best grade of materials, for the sum of twelve dollars (\$12), is accepted, and you are hereby directed to proceed with the work at once.

By direction of the Acting Commissioner.

Your truly,

J. McKEE BORDEN, Secretary.

Department of Public Charities,
Foot of East Twenty-sixth Street,
New York, July 9, 1903.

J. E. BUTTERWORTH, Esq., No. 2070 Ryer Avenue, Bronx:

Dear Sir—Your proposition of July 6, to replace the present tile sewer now running through the present excavation for the male dormitory on Blackwell's Island with an extra heavy cast-iron calked with oakum and lead joints, to start not less than five feet outside of dormitory wall and extend through new cellar (supported on brick piers) to sea wall; new sewer from male dormitory to connect into this sewer, for the sum of one hundred and eighty-two dollars, is accepted, and you are hereby directed to proceed with the work.

Your truly,

J. McKEE BORDEN, Secretary.

POLICE DEPARTMENT.

New York, July 14, 1903.

The following proceedings were this day directed by Acting Police Commissioner Ebstein:

Approved—

Application of Captain Henry W. Burfiend, 28th Precinct, to be excused for twelve hours from forenoon of July 15, 1903.

Application of Roundsman John L. Falconer, 21st Precinct, for permission to inspect minutes of his trial.

Disapproved—

Application of Matron Gilliard Hargrave, 6th Precinct, for transfer.

Referred to the Chief Inspector—

Report of Inspector E. O. Smith, 2d District, on complaint of William A. De Long, relative to Inspectors of Gas Meters being retarded in their work. To issue notice to all precincts to permit Inspectors of Meters to have access to meters without delay.

Communication from Hon. William T. Jerome, District Attorney, sending list of various places where violations exist. For report.

Application of the New York Mineral Water Association for appointment of Albert Coppel as Special Patrolman.

Communication from Charles S. DeVoy, Chief Clerk, County Court, Kings County, relative to the July Grand Jury, commending Officer Hines, 46th Precinct, for bravery, etc., in making an arrest. For report.

Resignation Accepted—

George M. Hill, as Special Patrolman for John Hentschel, Brooklyn.

William Blinden, as Special Patrolman for Arno Miller, Brooklyn.

Special Patrolmen Appointed—

E. C. Howarth, J. F. Eagan, N. Malone and M. Monahan, for the Pinkerton's National Agency, for duty at Manhattan Beach.

Leave of Absence Granted—

Sergeant John J. Lussier, 4th Precinct, thirty days with half pay.

Patrolman Oliver D. Cumberly, 4th Precinct, thirty days with half pay.

Patrolman Vincent T. Hughes, 3d Court, sixty days with half pay.

Referred to the Corporation Counsel—

Returns to writs in the cases of James Quigley vs. John N. Partridge and Thomas F. Campbell vs. John N. Partridge, duly verified by the signatures of the Acting Police Commissioner and Chief Clerk.

Dismissed from the Force—

Patrolman Julius Schroeder, 74th Precinct, on two charges: (1) Conduct unbecoming an officer. (2) Neglect of duty. Tried before Second Deputy Commissioner A. R. Piper.

The following proposal for furnishing and delivering ten thousand shields for the use of Patrolmen of the Police Department of The City of New York was opened and read: American Railway Supply Company, \$2,150, —whereupon it was

Ordered, That the contract for furnishing and delivering ten thousand shields for the use of Patrolmen of the Police Department of The City of New York be and is hereby awarded to the American Railway Supply Company for the sum and price of \$2,150, they being the only bidders, and that such contract be executed by the Police Commissioner on the approval of sureties by the Comptroller.

Referred to the Third Deputy Commissioner—

Petition of Mary McArthur for pension.

Referred to the Bookkeeper—

Petition of Mary McArthur for payment of \$38.33 to her, being balance of pension due her husband, Silas McArthur, at the time of his death. Bookkeeper to make payment on receipt of proper release and proof of identity.

Referred to the Chief Clerk to Answer—

Louis Lowenkopf, asking copy of the Rules and Regulations of the Police Department.

Clarence E. Meleny, Associate City Superintendent of Schools, enclosing proposed copy of poster relative to children selling newspapers and asking that the name of Francis V. Greene be put on circular.

E. Fellows Jenkins, Secretary of New York Society for the Prevention of Cruelty to Children, complaining of not being notified of an arrest of a minor. Report of Captain John D. Herlihy, 29th Precinct, thereon.

Concert License Granted—

Johnson & Bock, Pabst Grand Circle Roof Garden, Eighth avenue and Fifty-ninth street, July 13 to October 13, 1903, \$150.

On File—

Report of Sergeant Richard Coffee, in charge of horses, relative to number of horses and wagons in the Department for the quarter ending June 30, 1903, etc.

Report of Captain William Hogan, 16th Precinct, relative to injury to Toro Augustino by a patrol wagon.

Report of Captain John W. O'Connor, 19th Precinct, relative to disposition of arrests for violation of the Liquor Tax Law in the 19th Precinct.

Report of Inspector Elbert O. Smith, relative to complaint made by Frederick W. Clifford against Sergeant Joseph McLoughlin, 80th Precinct, for using abusive language to him when he called to interview a client who was locked up in the 80th Precinct Station-house.

Report of Sergeant George W. Brown, Boiler Squad, relative to the arrest of John Sprague for violation of section 343, Greater New York Charter (Engineers' Law).

Report of Inspector Elbert O. Smith on communication from M. O'Brien & Son, commending Officer Harry Newman, Second Precinct, for stopping a runaway horse.

Referred to Corporation Counsel—Additional—

Copy of writ of certiorari, case of William H. Fielding against the Police Commissioner.

Trial was had of charges against members of the Force and disposition recommended, approved by the Acting Police Commissioner, as follows:

Before Second Deputy Commissioner A. R. Piper—

Patrolman Patrick J. Keough, 74th Precinct, neglect of duty, 2 days.

Patrolman Charles E. Pearce, 74th Precinct, neglect of duty, 1 day.

Patrolman Charles A. Campbell, 75th Precinct, neglect of duty, 2 days.

Patrolman Daniel Keeshan, 75th Precinct, neglect of duty, 2 days.

Patrolman Samuel Copeland, 75th Precinct, neglect of duty, 1-2 days.

Patrolman James J. Sherlock, 75th Precinct, neglect of duty, 5 days.

Patrolman Roger Larkin, 75th Precinct, neglect of duty, 1 day.

Patrolman James J. Sherlock, 75th Precinct, neglect of duty, 5 days.

Patrolman Joseph E. Flynn, 77th Precinct, neglect of duty, 2 days.

Patrolman John M. Hofman, 77th Precinct, neglect of duty, 3 days.

Patrolman Charles H. Hayes, 77th Precinct, neglect of duty, 5 days.

Patrolman Joseph E. Flynn, 77th Precinct, neglect of duty, 1 day.

Patrolman George E. Quimby, 78th Precinct, neglect of duty, 1 day.

Patrolman Henry K. Van Etten, 78th Precinct, neglect of duty, 1 day.

Patrolman William E. Powers, 78th Precinct, neglect of duty, 3 days.

Patrolman William E. Powers, 78th Precinct, neglect of duty, 2 days.

Patrolman Henry K. Van Etten, 78th Precinct, neglect of duty, 3 days.

Patrolman William E. Powers, 78th Precinct, neglect of duty, 1 day.

Patrolman John W. Huntington, 79th Precinct, neglect of duty, 1 day.

Patrolman Joseph Gilkinson, 79th Precinct, neglect of duty, 1 day.

Patrolman John O'Connor, 79th Precinct, neglect of duty, 1 day.

Patrolman John E. Bulman, 79th Precinct, neglect of duty, 2 days.

Reprimanded—

Patrolman Thomas E. Balbert, 74th Precinct, neglect of duty.

Patrolman Frederick Ebberts, 78th Precinct, neglect of duty.

Dismissed Complaints—

Patrolman James O'Connor, 74th Precinct, neglect of duty.

Patrolman Arthur A. Robinson, 74th Precinct, neglect of duty.

WM. H. KIPP, Chief Clerk.

POLICE DEPARTMENT.

New York, July 15, 1903.

The following proceedings were this day directed by Acting Police Commissioner Ebstein:

Referred to the Chief Inspector—

Communication from Rubsam & Horrman, commending Patrolman Simons, Eighth Precinct, for stopping a runaway. For report.

Application of the Automatic Vending Company for appointment of Henry Schiff as Special Patrolman.

Approved—

Application of Captain James B. Ferris, Twentieth Precinct, to be excused for 12 hours from — a. m., July 15, 1903.

Application of Captain William G. Hogan, Twenty-fifth Precinct, for the detail of Patrolman Thomas F. Dillon, of his command, to clerical duty.

Application of Captain William G. Hogan, Twenty-fifth Precinct, for detail of Patrolman James F. Hannan, of his command, in citizen's clothes in place of Patrolman William Browne.

Application of Captain John J. Farrell, First Precinct, for assignment of Sergeant James J. Savage of his command as Sergeant in Command.

Referred to the Corporation Counsel—

Copy of writs of certiorari in the cases of James P. Pierce vs. F. V. Greene and Peter C. Hilbert vs. F. V. Greene. Copies of proceedings in each case to be forwarded when completed.

Special Patrolmen Appointed—

John West, for James McKane, Arcade Bathing Pavilion, Brooklyn.

George Gallagher, for J. F. Balmer, Brooklyn.

Charles Wilson, for John H. Gerken, Brooklyn.

Full Pay Granted—

Hostler Michael Murphy, Seventieth Precinct, May 22 to June 1, 1903.

Leave of Absence Granted—

Captain Francis A. Creamer, Seventy-first Precinct, 20 days' vacation.

Roundsman Walter Rouse, Sixtieth Precinct, 30 days' sick leave.

Pension Granted—

Mary L. Dill, widow of David W. Dill, deceased pensioner, \$10 per month from and after date.

Referred to the Auditor—

Monthly statement forwarded by N. Taylor Phillips, Deputy Comptroller, showing payments and unexpended balances of the appropriations made to the Police Department for 1903.

Referred to the Civil Service Commission—

Application of Roundsman James J. Wall, Thirty-third Precinct, for permission to enter examination for promotion to Sergeant.

Approved (Additional)—

Application of Captain Thomas H. Mannion, Twenty-seventh Precinct, for temporary detail of a Hostler to Sheepfold Station.

Chief Clerk to Answer—

W. Anderson, Superintendent Nassau Ferry Company, asking that a Patrolman be detailed at ferry foot of East Houston street at night.

L. K. Comstock, asking for copy of rules relative to testing steam boilers.

Francis J. Byrne, Assistant Corporation Counsel, relative to extension of time in which to file returns to writs in the cases of Melvor, Young and Michaels vs. F. V. Greene.

Nesbitt Painting and Decorating Company, asking for date of acceptance of their contract for First and Thirty-third Precincts, and whether they may present bill for Thirty-third Precinct, the work being completed.

Municipal Civil Service Commission, asking whether Patrolman Emil A. J. Scheringer is to participate in examination for Roundsman holding Pilot's license.

On reading and filing reports of Captain Thomas F. Darcy, Seventy-fourth Precinct, and Inspector James Kane, Eleventh District, approved by Second Deputy Commissioner A. R. Piper.

Ordered, That Patrolman Arthur A. Robinson, Seventy-fourth Precinct, be and is hereby "commended" for the courage shown by him in stopping a runaway team attached to a coach at the corner of Broadway and Steinway avenue, Long Island City, on the afternoon of June 17, 1903.

On reading and filing recommendation of Third Deputy Commissioner Davis, Ordered, That Rule 10, paragraph W, be and is hereby amended to read as follows:

"When a member of the Police Force is on the sick list he is under the control and command of the Surgeon of the district, and, so far as relates to the treatment of his disease, is to obey all orders and instructions of the Surgeon relative thereto, and shall not leave his place of residence without his written consent."

On File—

Reports relative to massage parlors.

Reports of the following:

Reports of Inspector Thomas L. Druhan, Tenth District, and Captain Christian Reimels, Sixty-sixth Precinct, relative to arrest of Philip Ruppert by Patrolman Charles W. Peto, Sixty-sixth Precinct, for the murder of John Hock.

Report of Inspector Thomas L. Druhan, Tenth District, on communication from Daniel Dunn, commending Patrolman Samuel Johnson, Seventy-third Precinct, for stopping a runaway.

Surgeon D. D. Jennings, of contagious disease in the family of Patrolman Theodore Dulfer, Sixty-ninth Precinct.

Surgeon M. R. Palmer, of contagious disease in the family of Detective Sergeant Joseph Kane, Thirty-fifth Precinct.

Captain Joseph C. Gehegan, Thirty-fifth Precinct, relative to blood-stained garments being found.

Captain Joseph C. Gehegan, Thirty-fifth Precinct, relative to arrest for assault.

Captain Patrick Byrne, Thirty-sixth Precinct, relative to assault on one Charles W. Roxbury.

Captain Michael Naughton, Eightieth Precinct, relative to complaint of burglary at store of William Lucher.

Captain Bernard Gallagher, Fifty-ninth Precinct, relative to disposition of arrest for keeping and maintaining a disorderly house.

Sergeant Gerard B. Hillyer, in charge of horses, etc., for Brooklyn and Queens, relative to dead horse in Seventy-second Precinct.

Acknowledgment from John C. Clarke, Assistant Corporation Counsel, of receipt of letter relative to ordinance adopted by Board of Aldermen concerning testing of steam boilers.

Acknowledgment from F. L. V. Hoppin of receipt of letter relative to his appointment as Architect.

Communication from American Railway Supply Company, asking for sample of new shield for Patrolmen and acknowledging receipt of same.

Communication from Louis H. Voss, relative to plans for new Sixty-eighth Precinct Station-house.

Application of John A. Kaht for rating as Detective Sergeant.

Communication from Hon. George L. Rives, Corporation Counsel, relative to demands of certain police officers to be reinstated as Detective Sergeants, and stating that a proceeding is pending to determine the status of the officers in question.

Protests and demands for recognition as Detective Sergeant from the following: William Young, Louis W. Rochester, Peter F. Lynch, Benjamin F. Austin, Michael Prosel, David Isenberg, James J. Brennan, John J. Burns, Francis E. Caddell, James J. McVea, George J. Byrnes, David Brown, Edward J. O'Connor, Francis J. Finn, Valerian J. O'Farrell, Andrew Ferretti.

On File, Send Copy—

Communication from Maynard N. Clement, Deputy Commissioner, Department of Excise, relative to premises No. 9 Borden avenue, Long Island City. Copy to Inspector Kane through the Chief Inspector.

Referred to the Corporation Counsel (Additional)—

Copy summons, Fifth District Court, case of Edwin McGinley against Charles D. Blatchford as Property Clerk.

Trial was had of charges against members of the Force and disposition recommended approved by the Acting Police Commissioner as follows:

Before Third Deputy Commissioner Davis—

Patrolman William O'Keeffe, First Precinct, neglect of duty, 2 days.

Patrolman Henry W. Hollman, Seventh Precinct, conduct unbecoming an officer, 20 days.

Patrolman Henry W. Hollman, Seventh Precinct, violation of rules, 3 days.

Patrolman Jeremiah Buckley, Seventh Precinct, neglect of duty, 2 days.

Patrolman John H. Ryan, Seventh Precinct, neglect of duty, 2 days.

Patrolman Aaron H. Griswold, Eighth Precinct, neglect of duty, 1 day.

Patrolman James Boran, Ninth Precinct, neglect of duty, 1 day.

Patrolman Bernard F. McCabe, Ninth Precinct, neglect of duty, 1 day.

Patrolman John Corridon, Tenth Precinct, neglect of duty, 1 day.

Patrolman Edward J. Foley, Tenth Precinct, neglect of duty, 1 day.

Patrolman John Corridon, Tenth Precinct, neglect of duty, 2½ days.

Patrolman Thomas S. Murphy, Twelfth Precinct, neglect of duty, 1 day.

Patrolman Joseph F. Bush, Twelfth Precinct, neglect of duty, 1 day.

Patrolman John A. Elliott, Twelfth Precinct, neglect of duty, 1 day.

Patrolman Charles A. Heckler, Thirteenth Precinct, neglect of duty, 1 day.

Patrolman John Lope, Thirteenth Precinct, neglect of duty, 1 day.

Patrolman William F. Haier, Fourteenth Precinct, neglect of duty, 2 days.

Patrolman James A. Guerin, Fifteenth Precinct, neglect of duty, 1 day.

Patrolman John G. Sheridan, Sixteenth Precinct, neglect of duty, 1 day.

Patrolman Thomas T. Bambrick, Sixteenth Precinct, neglect of duty, 1 day.

Patrolman William F. Hedeman, Sixteenth Precinct, neglect of duty, 5 days.

Patrolman George O. Clinchy, Eighteenth Precinct, neglect of duty, 1 day.

Patrolman Frank Helmerich, Eighteenth Precinct, neglect of duty, 1 day.

Patrolman Patrick J. Keenan, Eighteenth Precinct, neglect of duty, 1 day.

Patrolman Martin Diviney, Nineteenth Precinct, neglect of duty, 1 day.
 Patrolman Thomas J. Burns, Nineteenth Precinct, neglect of duty, 4 days.
 Patrolman Michael J. Bennett, Nineteenth Precinct, neglect of duty, 3 days.
 Patrolman Henry Storjohann, Twenty-first Precinct, neglect of duty, 1 day.
 Patrolman Patrick J. Reid, Twenty-first Precinct, violation of rules, 3 days.
 Patrolman Thomas J. McManus, Twenty-fourth Precinct, neglect of duty, 1 day.
 Patrolman Frank J. Gunther, Twenty-eighth Precinct, neglect of duty, 1 day.
 Patrolman William Urstadt, Twenty-ninth Precinct, neglect of duty, 1 day.
 Patrolman Thomas Loughran, Twenty-ninth Precinct, neglect of duty, 1 day.
 Patrolman Frank Baker, Twenty-ninth Precinct, neglect of duty, 3 days.
 Patrolman John Gibbons, Twenty-ninth Precinct, neglect of duty, 1 day.
 Sergeant Walter Norris, Twenty-ninth Precinct, neglect of duty, 1 day.
 Patrolman Edward W. Rohrs, Thirty-first Precinct, neglect of duty, 1 day.
 Patrolman Richard A. Birmingham, Thirty-first Precinct, neglect of duty, 1 day.
 Patrolman Michael J. Netterville, Thirty-first Precinct, neglect of duty, 3 days.
 Patrolman George H. Marxhausen, Thirty-first Precinct, neglect of duty, 1 day.
 Patrolman Michael Haggerty, Thirty-second Precinct, violation of rules, 3 days.

Reprimanded—
 Detective Sergeant John Becker, Detective Bureau, violation of rules.
 Patrolman Rennie Sheridan, Sixth Precinct, neglect of duty.
 Patrolman John T. Trayner, Eleventh Precinct, neglect of duty.
 Patrolman Frank C. Meystrik, Thirteenth Precinct, neglect of duty.
 Detective Sergeant Thomas A. Butler, Fourteenth Precinct, neglect of duty.
 Patrolman Michael Owens, Fifteenth Precinct, neglect of duty.
 Patrolman William F. Henne, Sixteenth Precinct, neglect of duty.
 Patrolman John Lunney, Seventeenth Precinct, neglect of duty.
 Sergeant Ernst K. Bingham, Twenty-fourth Precinct, neglect of duty.
 Patrolman John H. Dwyer, Twenty-sixth Precinct, neglect of duty.
 Patrolman Patrick Dinan, Twenty-ninth Precinct, neglect of duty.
 Patrolman Thomas J. Nelson, Twenty-ninth Precinct, neglect of duty.
 Patrolman Leo Pietschker, Thirty-second Precinct, neglect of duty.

Complaints Dismissed—
 Roundsman Thomas Kelly, Seventh Precinct, conduct unbecoming an officer.
 Patrolman Frank McGowan, Eighth Precinct, violation of rules.
 Patrolman Michael J. Coyne, Thirteenth Precinct, violation of rules.
 Patrolman Matthew T. Adams, Fourteenth Precinct, neglect of duty.
 Patrolman Byron H. McCauley, Twenty-second Precinct, conduct unbecoming an officer.

Patrolman Otto C. Schasberger, Twenty-eighth Precinct, neglect of duty.
 Patrolman Arthur B. Ennis, Thirty-first Precinct, neglect of duty.

WM. H. KIPP, Chief Clerk.

POLICE DEPARTMENT.

New York, July 16, 1903.

The following proceedings were this day directed by Acting Police Commissioner Ebstein:

Referred to the Chief Inspector—

Communication from Pasquale Petraglia, commending Officer Frederick Bruckner, 36th Precinct, and Frederick Fink, 36th Precinct, for reviving his son who had been taken from the water apparently drowned. For report.

Concert License Granted—

Charles P. Frey, Arion Hall Casino, Queens, July 10 to October 10, 1903; fee, \$150.

Resignation Accepted—

John West, as Special Patrolman for Gayety Theatre, Brooklyn.

Appointment Revoked—

Patrick Dooley, as Special Patrolman for Holmes Electric Company.

Denied—

Application of Max Rubin for the appointment of Abe Postman as Special Patrolman.

Special Patrolman Appointed—

Harry Rosenhain, for Th. Noll, Schuetzen Park, Bronx.

Dismissed the Force—

Patrolman Peter Smith, 60th Precinct, on two charges, viz.: (1) Neglect of duty; (2) conduct unbecoming an officer. Tried before Second Deputy Commissioner A. R. Piper.

Referred to the Board of Surgeons—

Recommendation of Surgeon Henry P. DeForest, that Patrolman William Lidgate, 4th Precinct, be examined by surgeons. For examination and report.

Referred to the Third Deputy Commissioner—

Report of Captain Charles D. Kemp, 15th Precinct, relative to distance of horse-shoeing establishment from Department stables.

Referred to the Auditor—

Reports of District Inspectors relative to places holding concert licenses (1st to the 11th District inclusive).

Communication from George H. Bruce, asking for address of owners of Dewey Theatre. For report.

On reading and filing opinion of the Corporation Counsel, dated July 15, 1903, Ordered, That the claim of George W. Roth, Lineman, for the difference in pay between \$1,000 and \$1,200 up to February 1, 1900, be and is hereby denied.

The Acting Police Commissioner forwarded to the Comptroller a communication, requesting that under chapter 437, Laws of 1903, amending subdivision 11, section 353 of the Charter, the balance of the appropriation made to the Department of Health, Sanitary Police for the year 1901, be transferred and paid over into the Police Pension Fund, viz.:

Borough of Manhattan	\$694 62
Borough of The Bronx	200 73
Borough of Brooklyn	1,624 28
Borough of Queens	1,192 16
Borough of Richmond	27 31
	\$3,739 10

The Acting Police Commissioner forwarded to the Commissioner of Health, a communication, asking that he request the Comptroller to transfer the unexpended balances of the appropriations made to the Department of Health for Sanitary Police for the years 1900 and 1901, to the Police Pension Fund, as follows:

1900.	
Borough of Manhattan	\$119 96
Borough of The Bronx	24 43
Borough of Brooklyn	393 06
Borough of Queens	1,489 26
Borough of Richmond	263 44
	\$2,290 15

1901.	
Borough of Manhattan	\$694 62
Borough of Brooklyn	1,624 28
Borough of The Bronx	200 73
Borough of Queens	1,192 16
Borough of Richmond	27 31
	\$3,739 10

Chief Clerk to Answer—

Frances E. Fowler, Superintendent Woman's Hospital, asking if it is necessary to pay Special Patrolman in advance.

Frederick H. Chase, asking if there is any pension due to Thomas Keegan, deceased pensioner.

James Comisky, asking when civilians are to be employed as Patrol Wagon Drivers.

C. A. Hereshoff Bartlett, asking relative to record of birth of one Oria de Ajuria.

On File—

Communication from William J. Moran, Assistant Secretary to the Mayor, forwarding copy of report of the Commissioners of Accounts, relative to the accounts of the late George P. Gott.

Acknowledgment from Charles Volz, of receipt of notice that contract for employment as Architect was indorsed by the Comptroller.

Reports of the following:

Captain Joseph C. Gehagan, 35th Precinct, relative to disposition of the case of Frances Hill who accused Detective-Sergeant William P. Judge of criminally assaulting her.

Captain F. J. Kear, 26th Precinct, relative to arrest for disorderly conduct in West Sixty-second street.

Acting Captain Raphael Schulum, 6th Precinct, relative to two persons being shot at No. 82 Mulberry street.

Captain James E. Dillon, 22d Precinct, relative to arrest for violation of Liquor Tax Law.

Recommendation of Second Deputy Commissioner A. R. Piper, that a general order be sent to all commanding officers relative to duty of Roundsmen in making inspections. Approved and order issued through the Chief Inspector.

Approved—

Request of W. W. Smith, President of the Bank for Savings, that a Patrolman be detailed at the bank for three or four weeks, beginning Monday, July 20, 1903.

On File, Send Copy—

Report of Chief Inspector Cortright, that Patrolmen holding Pilot's license have been notified to appear for examination for promotion to Roundsmen. Copy to Civil Service Commission.

Reports of Captain A. J. Thomas, 27th Precinct, and Inspector G. W. McClusky, Detective Bureau, on communication from H. Kruck, relative to the death of his son.

Report of Sergeant C. O. Sheldon, Central Office Squad, on communication from August Meyer, relative to address of his father Heinrich Meyer.

Report of Sergeant C. O. Sheldon, Central Office Squad, on communication from Mrs. John F. Snyder, asking for address of her relatives.

Approved (Additional)—

Application of Captain J. J. Lantry, 5th Precinct, to be excused for twelve hours from a. m., July 17, 1903.

Leave of Absence Granted—

Detective Sergeant John D. Sullivan, 18th Precinct, 30 days' sick leave.

Trial was had of charges against members of the Force and disposition recommended approved by the Acting Police Commissioner as follows:

Before Second Deputy Commissioner A. R. Piper:

Captain John F. Flood, 23d Precinct, neglect of duty and conduct unbecoming an officer; complaint dismissed.

Patrolman John J. O'Hare, 31st Precinct, neglect of duty and conduct unbecoming an officer; complaint dismissed.

Patrolman George C. Strong, 32d Precinct, neglect of duty and conduct unbecoming an officer; complaint dismissed.

Patrolman Henry Mohrman, 31st Precinct, neglect of duty and conduct unbecoming an officer; complaint dismissed.

Sergeant John O'Reilly, 62d Precinct, neglect of duty; complaint dismissed.

Reprimanded—

Patrolman Walter J. Bollinger, 25th Precinct, neglect of duty.

Patrolman Louis Graf, 33d Precinct, neglect of duty.

Patrolman George W. Bohlen, 59th Precinct, conduct unbecoming an officer.

Patrolman Martin Hanniffy, 19th Precinct, neglect of duty, 1 day.

Patrolman Joseph E. Burke, 30th Precinct, neglect of duty, 2 days.

Patrolman James Cosgrove, 31st Precinct, neglect of duty, 3 days.

Patrolman John Taggart, 32d Precinct, neglect of duty, 2 days.

Patrolman George H. Leonard, 32d Precinct, neglect of duty, 1/2 day.

Patrolman John Sowarby, 33d Precinct, neglect of duty, 2 days.

Patrolman Hugh McLaughlin, 50th Precinct, neglect of duty, 1/2 day.

Patrolman George Seymour, 50th Precinct, neglect of duty, 1/2 day.

Patrolman Milton J. Murphy, 51st Precinct, neglect of duty, 7 days.

Patrolman Milton J. Murphy, 51st Precinct, neglect of duty, 3 days.

Patrolman Peter S. Lind, 51st Precinct, neglect of duty, 3 days.

Patrolman William J. Walsh, 56th Precinct, neglect of duty, 10 days.

Patrolman Thomas Lynch, 56th Precinct, neglect of duty, 1 day.

Patrolman Frank Halloran, 56th Precinct, conduct unbecoming an officer, 10 days.

Patrolman George F. Kiely, 57th Precinct, neglect of duty, 10 days.

Patrolman Albert J. Farrington, 59th Precinct, conduct unbecoming an officer, 5 days.

Patrolman William Faulkner, 61st Precinct, neglect of duty, 3 days.

Patrolman Vincent F. Sweeney, 61st Precinct, neglect of duty, 1/2 day.

Patrolman Frank B. Pasfield, 63d Precinct, neglect of duty, 2 days.

Patrolman Henry E. Hollings, 63d Precinct, neglect of duty, 3 days.

Patrolman Thomas P. Polski, 63d Precinct, neglect of duty, 3 days.

Patrolman Frank H. Miller, 63d Precinct, neglect of duty, 1 day.

Patrolman Samuel Landman, 64th Precinct, neglect of duty, 5 days.

Patrolman Joseph Bocheit, 64th Precinct, neglect of duty, 3 days.

Patrolman William T. Major, 72d Precinct, neglect of duty, 1 day.

Patrolman Henry B. Nichols, 72d Precinct, neglect of duty, 1 day.

Patrolman Henry B. Nichols, 72d Precinct, neglect of duty, 7 days.

Ordered, That the following bills be approved and ordered to be paid by the Bookkeeper:

Account Contingent Expenses, Etc., 1902.	
4332. Michael Lynch, trousers destroyed	\$6 25
4333. Frank J. Reilly, teeth	94 00
4334. John Mackirdy, expenses	8 05
4335. George W. Reynolds, expenses	7 50
4336. Joseph F. Roberts, expenses	8 50
4337. Long Island News Company, newspapers	9 87
	\$134 17

Account Contingent Expenses, Etc., 1903.	
1633. Matthews F. Adams, expenses	\$16 65
1634. Frank Conboy, expenses	1 85
1635. John Cooney, expenses	13 50
1636. John M. Corcoran, expenses	18 55
1637. Bernard A. Ditsch, expenses	14 00
1638. William T. Enright, expenses	7 10
1639. Richard J. Fraber, expenses	9 50
1640. Richard J. Fraber, expenses	25 50
1641. Bernard Gallagher, expenses	80 10
1642. Joseph C. Gilegan, expenses	45 00
1643. Thomas Gilbert, expenses	6 45
1644. Michael Gorman, expenses	113 95
1645. Charles D. Kemp, expenses	115 90
1646. Thomas H. Mannion, expenses	63 05
1647. Thomas H. Mannion, expenses	61 55
1648. Thomas S. Martin, expenses	11 45
1649. George D. Missick, expenses	63 05
1650. John J. O'Brien, expenses	2 30
1651. John J. O'Brien, expenses	5 40
1652. John J. O'Brien, expenses	10 00
1653. John J. O'Brien, expenses	7 40
1654. H. W. Schroeder, coat and trousers	40 00
1655. Francis A. Stainkamp, expenses	15 95
1656. Patrick Summers, expenses	19 00
1657. John A. Summers, expenses	24 40
1658. Max F. Schmittberger, expenses	7 85
1659. Max F. Schmittberger, expenses	10 45
1660. Max F. Schmittberger, expenses	7 25
1661. Max F. Schmittberger, expenses	6 00

1662. John T. Carberry, expenses	17 80
1663. Cornelius Carmody, expenses	19 95
1664. George Darrow, expenses	50 70
1665. Patrick F. Kane, expenses	9 90
1666. Patrick C. Scanlon, expenses	9 60
1667. Martin L. Toohey, expenses	16 60
1668. William A. Connolly, expenses	2 00
1669. William A. Connolly, expenses	5 00
1670. William A. Connolly, expenses	5 00
1671. Norman J. Fitzsimmons, expenses	16 00
1672. Norman J. Fitzsimmons, expenses	16 00
1673. Norman J. Fitzsimmons, expenses	5 00
1674. Norman J. Fitzsimmons, expenses	5 00
1675. Thomas F. Phelan, expenses	16 00
1676. James J. Ward, expenses	2 00
1677. Edward M. Cassidy, expenses	50 70
1678. Matthew T. Adams, expenses	63 65
1679. William J. Burns, expenses	5 25
1680. Louis J. Grant, costs of court	173 02
1681. Harry S. Van Demark, stenographic services	942 40
1682. Andrew J. Long, car fares, etc.	95
1683. George Nicholson, car fares, etc.	3 08
1684. Edward O'Hara, car fares, etc.	10 84
1685. Thomas Phalen, car fares, etc.	14 16
1686. Edward C. Barnett, expenses	20 45
1687. John Becker, expenses	42 75
1688. William Browne, expenses	19 20
1689. Arthur A. Carey, expenses	7 00
1690. Arthur A. Carey, expenses	326 94
1691. Michael J. Cooney, expenses	13 50
1692. Joseph A. Faurot, expenses	8 25
1693. Patrick F. Gargan, expenses	19 25
1694. Charles Grabe, expenses	138 25
1695. Andrew J. Kiernan, expenses	9 44
1696. Bernard F. McConville, expenses	10 60
1697. Joseph Petrosius, expenses	10 75
1698. Alonzo Powell, Jr., expenses	11 00
1699. Frank S. Price, expenses	23 00
1700. Alphonse S. Rheume	4 10
1701. Phillip Weller, expenses	6 00
1702. Phillip Weller, expenses	1 00
1703. Charles A. Formosa, expenses	8 50
1704. John Mackirdy, expenses	10 00
1705. Anthony F. Vachris, expenses	31 00

\$3,004 73

WM. H. KIPP, Chief Clerk.

BOARD OF ELECTIONS.

Meeting of the Board of Elections held Wednesday, July 15, 1903, at 12 o'clock noon.

Present—Commissioners Voorhis, Maguire and Fuller.

On motion, Commissioner Fuller was elected Secretary pro tempore.

The minutes of the meeting of the Board, held on the 8th inst., were read and approved.

The following communications were received, viz.:

From the office of the Comptroller, dated July 1, 1903, monthly statement showing unexpended balances remaining to the credit of the Board from its appropriation for 1903. Referred to the Chief Clerk for verification and filed.

From S. William Brisco, Secretary, Municipal Civil Service Commission of The City of New York, dated July 6, 1903, calling attention to an accompanying opinion of the Corporation Counsel respecting the increase of salaries or compensation and the application of the Civil Service rules governing the same and requesting that the ruling of the Corporation Counsel and the letter of the Civil Service Commission under date of March 24, be followed in the future when promotions are contemplated. Filed.

From George L. Rives, Corporation Counsel, dated July 14, 1903, enclosing copy of letter addressed by him to Hon. Charles T. Hartzheim, Clerk of Kings County, relative to authority to designate papers for the publication of the determination by the County Canvassers of the result of the elections other than City officers, and of the statements upon which such determinations are based. Filed.

From Chief Clerk, Branch Office, Borough of Brooklyn, dated July 11, 1903, enclosing receipt for old books and pamphlets delivered to Messrs. Darmstadt, Scott & Courtney, on the 10th inst., by order of the Board. Filed.

From Chief Clerk, Branch Office, Borough of The Bronx, dated July 8, 1903, enclosing the Democratic list of Election Officers of the Annex Assembly District for the year 1903, theretofore filed in said office; also communication dated July 8, 1903, in re vacations of Clerks in said office; and also communication dated July 14, 1903, stating, in response to inquiry of the Board, that the lists of Election Officers submitted by the Chairmen of the Democratic and Republican parties to serve in the Borough of The Bronx for the year 1903, are now open and ready for inspection. Filed.

From A. C. Allen, Chief Clerk to the Board, dated July 15, 1903, showing the dates allotted for vacations to the Clerks to the Board. Filed.

From Alexander M. Ross, Chief Clerk, Branch Office, Borough of Richmond, dated July 10, 1903, relative to assignment of vacations of Clerks in said office. On motion it was unanimously resolved that said Chief Clerk be notified to more fully comply with the direction of the Board as to the assignment of vacations. Communication filed.

From Chief Clerk, Borough of Richmond, dated July 10, 1903, submitting, in compliance with the resolution of the Board, a schedule of the proposed Primary Election Districts for the Borough of Richmond, and enclosing map of same showing boundaries of the said Primary and Election Districts. Referred to Chief Clerk of the Bureau for preparation of the advertisement announcing Primary Elections.

From Chief Clerk, Branch Office, Borough of Queens, dated July 14, 1903, submitting, in compliance with the resolution of the Board, a schedule of the proposed Primary Election Districts for the Borough of Queens, and enclosing map thereof showing boundaries of the said Primary and Election Districts. Referred to the Chief Clerk to the Board for preparation of the advertisement announcing Primary Elections.

From Chief Clerk, Branch Office, Borough of Manhattan, dated July 14, 1903, in response to request to more fully comply with the direction of the Board as to the assignment of vacations. Filed.

From Thomas F. Maude, Captain, Fifty-sixth Precinct, Police, dated July 9, 1903, advising the Board that the enrollment ballots and envelopes of 1901 and 1902 at that station were destroyed on the 8th inst. Filed.

From Kluber & Ryan (Abingdon Storage Company), dated July 7, 1903, in reference to space for the storage of election booths and material. Filed.

From E. W. Doty, Secretary, The Boma Voting Machine Company, dated July 10, 1903, requesting the Board to extend an invitation to the company to have one of its machines used in an election for the purpose of testing the same. Communication answered and filed.

From John Doherty, dated July 13, 1903, in reply to communication of the Board relative to the removal of old paper purchased by him. Filed.

The President reported that, pursuant to resolution adopted at the meeting of the Board on the 8th inst., invitations to submit sealed proposals for furnishing paper for ballots for use at the Primary Election, September 15, 1903, were sent to Henry Lindermeyer & Sons, Ticonderoga Pulp and Paper Company, Berlin Mills Company, J. W. Pratt Company, Martin B. Brown Company, and Vernon Brothers & Co., but that only one proposal had been received.

On motion, said proposal was opened and was found to be from the J. W. Pratt Company (samples of the paper proposed to be furnished being attached), as follows:

Democratic ballots, 8½ by 28 inches, per 1,000	\$4 00
Democratic ballots, 8½ by 14 inches, per 1,000	2 00
Republican ballots, 8½ by 14 inches, per 1,000	2 00

The Board then adopted the following resolution:

Resolved, That the Board of Elections, in compliance with the provisions of chapter 473, section 6, Laws of 1899, hereby approves and selects as the paper to be used for the ballots at the official Primary Election to be held September 15, 1903, that represented by samples marked "A" submitted and filed with the proposal this day received from the J. W. Pratt Company, of Nos. 52-58 Duane street, Borough of Manhattan, New York City, containing the watermark "Berlin Mills," on condition that the said J. W. Pratt Company duly execute and file within five days herefrom, in consideration of such selection, an agreement to promptly furnish, from August 15 to September 15, 1903, in conformity with the requirements set forth in the resolution of the Board of the 8th inst. (relating to paper for the primary ballots), such quantity or quantities of said paper as may be ordered by organizations, committees or persons desiring the same, and at the prices named in said proposal of the J. W. Pratt Company, viz.: two dollars (\$2.00) per thousand ballots of size 8½ by 14 inches, and four dollars (\$4.00) per thousand ballots of size 8½ by 28 inches, with the express understanding that all payments and liabilities for paper furnished in accordance herewith are to be accepted from or assumed by the persons or parties respectively who furnish, order or receive the same, and that in no event will a claim of any nature whatever be entertained or created against The City of New York, or the Board of Elections of said City, for any paper or ballots furnished or supplied by said J. W. Pratt Company, of New York City, in conformity with the terms and conditions of this resolution.

The Board then adjourned.

RUDOLPH C. FULLER, Secretary pro tempore.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

In compliance with section 1546 of the Greater New York Charter, the Department of Water Supply, Gas and Electricity makes the following report of its transactions for the week ending June 20, 1903:

Public Moneys Received and Deposited.

BOROUGH OF MANHATTAN.

Receipts for water rents	\$148,391 33
Receipts for penalties on water rents	268 70
Receipts for permits to tap water mains	70 50
Receipts for meter setting fund No. 2	135 74
Receipts for work and materials furnished citizens	11 25

\$148,877 52

BOROUGH OF THE BRONX.

Receipts for water rents	\$17,927 87
Receipts for penalties on water rents	131 70
Receipts for permits to tap water mains	113 00
Receipts for meter setting fund No. 2	19 71

\$18,192 28

BOROUGH OF BROOKLYN.

Receipts for water rents	\$61,581 70
Receipts for arrears of water rents	4,721 04
Receipts for permits to tap water mains	247 75
Receipts for water for building purposes	716 25
Receipts for miscellaneous work	52 09

\$67,318 83

BOROUGH OF QUEENS.

Receipts for water rents	\$1,833 21
Receipts for permits to tap water mains	58 50

\$1,891 71

BOROUGH OF RICHMOND.

Receipts for water rents	\$710 85
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Changes in Public Lamps.

BOROUGH OF MANHATTAN AND THE BRONX.

22 lamps relighted; 29 lamps discontinued; 14 lamp-posts removed; 23 lamp-posts reset; 9 lamp-posts straightened; 3 columns refitted; 7 columns releaded; 14 service pipes refitted; 11 stand pipes refitted.

Contracts Entered Into.

For furnishing and delivering pig lead, Boroughs of Manhattan and The Bronx, dated June 15, 1903; estimated amount, \$1,840. Contractor—Bruce & Cook, No. 190 Water street. Surety—American Surety Company of New York, No. 100 Broadway.

For furnishing and delivering lamp brackets and fire alarm lamps, Boroughs of Manhattan and The Bronx, dated June 16, 1903; estimated amount, \$922.50. Contractor—T. F. Fox, No. 24 Vesey street. Surety—The City Trust Safe Deposit and Surety Company of Philadelphia, No. 160 Broadway.

For furnishing and delivering double and single nozzle "New York" case hydrants, Boroughs of Manhattan and The Bronx, dated June 16, 1903; estimated amount, \$13,048.75. Contractor—The Kennedy Valve Manufacturing Company, No. 57 Beekman street. Surety—American Surety Company of New York, No. 100 Broadway.

For furnishing and delivering hydrant heads, caps and chains, handles, screws and bridges, rollers and catches, stops, top bolts, bridge, casing, eye and packing bolts, Boroughs of Manhattan and The Bronx, dated June 17, 1903; estimated amount, \$1,523.50. Contractor—John Fox & Co., No. 253 Broadway. Surety—United States Fidelity and Guaranty Company, No. 140 Broadway.

For furnishing and delivering cast iron water pipes, branch pipes and special castings, Boroughs of Manhattan and The Bronx, dated June 17, 1903; estimated amount, \$30,295. Contractor—John Fox & Co., No. 253 Broadway. Surety—United States Fidelity and Guaranty Company, No. 140 Broadway.

Furnishing and delivering wooden hydrant boxes and white wood plugs, Boroughs of Manhattan and The Bronx, dated June 17, 1903; estimated amount, \$2,330. Contractor—John Fox & Co., No. 253 Broadway. Surety—United States Fidelity and Guaranty Company, No. 140 Broadway.

Furnishing street lamps, boulevard lamps, reflectors, green "police" globes and miner lamps, Boroughs of Manhattan and The Bronx, dated June 18, 1903; estimated amount, \$6,656.50. Contractor—Joseph N. Early, No. 127 Reade street. Surety—Aetna Indemnity Company, No. 68 William street.

For furnishing materials, building and installing new boilers and appurtenances at Pumping Stations Nos. 1 and 3 in the First Ward, Borough of Queens, dated June 17, 1903; estimated amount, \$11,200. Contractor—Frank McSwegan & Son, No. 1 Bridge Stores. Surety—Fidelity and Casualty Company of New York, No. 103 Cedar street.

For furnishing materials, building and installing a new boiler and appurtenances at the pumping station of the Tottenville Water Works, Borough of Richmond, dated June 17, 1903; estimated amount, \$2,800. Contractor—Frank McSwegan & Son, No. 1 Bridge Stores. Surety—The Fidelity and Casualty Company of New York, No. 103 Cedar street.

Changes in the Working Force.

BOROUGH OF BROOKLYN.

Transferred—Bernard Carlin, Inspector of Masonry, to the Department of Bridges.

Promoted—1 Mason's Helper to Assistant Foreman, increased from \$2.75 to \$3 per day; 4 Laborers to Assistant Foremen, increased from \$2 to \$3 per day.

WILLIAM A. DE LONG,

Deputy Commissioner, Department of Water Supply, Gas and Electricity.

BOARD OF REVISION OF ASSESSMENTS.

An adjourned meeting of the Board of Revision of Assessments was held at the office of the Board of Assessors, No. 320 Broadway, on Friday, July 17, 1903, at 10.45 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 previous meetings not yet approved was dispensed with.

The assessment list for Improvements in Long Island City, Borough of Queens, under the provisions of chapter 644, Laws of 1893, laid over at the last meeting of the Board for further consideration after a hearing of the objectors was taken up.

Mr. Frank E. Blackwell, attorney, who was heard at the last meeting in opposition to the assessment, addressed the Board and stated that the attorneys and the Taxpayers' Association, with whom he had conferred and for whom he spoke, who represented about two-thirds of the property assessed, were now practically all agreed to accept the proposition he made at the last hearing; that is, to reduce the assessment by taking off the interest and dividing the principal in half; in other words, making the amount to be paid about forty per cent. of the face of the assessment.

The Board then went into executive session and discussed the question, and at 11.55 o'clock a. m. adjourned, without coming to any conclusion, it being understood that the Corporation Counsel would communicate with the attorneys.

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

BOROUGH OF MANHATTAN.

BUREAU OF BUILDINGS.

Operations for the Week Ending July 18, 1903.

Plans filed for new buildings, 22; estimated cost.....	\$1,522,500 00
Plans filed for alterations, 66; estimated cost.....	157,475 00
Buildings reported as unsafe.....	73
Buildings reported for additional means of escape.....	8
Other violations of law reported.....	100
Unsafe building notices issued.....	161
Fire escape notices issued.....	27
Violation notices issued.....	95
Unsafe building cases forwarded for prosecution.....	1
Fire escape cases forwarded for prosecution.....	17
Violation cases forwarded for prosecution.....	11
Iron and steel inspections made.....	3,041
Complaints lodged with the Bureau.....	12

HENRY J. THOMPSON,

Superintendent of Buildings, Borough of Manhattan.

WILLIAM H. CLASS, Chief Clerk.

CHANGES IN DEPARTMENTS.

LAW DEPARTMENT.

July 22—Miss May French, No. 181 Lexington avenue, Stenographer and Typewriter assigned to the Tenement House Bureau, died on the 19th inst.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

July 21—Appointed July 20, 1903—Employees as per list attached—Pay fixed—Orlando C. Lewis, Assistant Gardener, \$3 per day; Anton Zeilner, Assistant Gardener, \$2.25 per day; John J. Little, Assistant Gardener, \$2.25 per day; James Callahan, Stableman, \$2.50 per day; Aaron Berger, Mower, \$2.25 per day; Abraham Lederer, Mower, \$2.25 per day.

Appointments—Assistant Gardeners—Joseph Tontillo, No. 169 West End avenue; Isaac Specter, No. 248 Broome street; John Nolan, No. 330 East Thirty-eighth street; Henry Meyer, No. 119 East One Hundred and First street; Joseph Frank, No. 26 Chrystie street; James Morris, No. 600 West Thirty-sixth street; William Healy, No. 404 East One Hundred and Twenty-third street; Charles J. Duffy, No. 1691 First avenue; William Dunn, No. 431 First avenue; James Keenan, No. 544 West Thirty-fifth street; Frank Villano, No. 31 Oak street; Richard H. Highberg, No. 430 East Eighty-ninth street; Frank Kelly, No. 404 East Tenth street; Charles A. Wolf, No. 2202 Eighth avenue; Thomas Jefferson, No. 232 East One Hundredth street; George E. Pullis, No. 115 East Ninety-seventh street; Patrick J. Maher, No. 1 Abingdon square; James Callahan, No. 483 Second avenue; John T. Smith, No. 439 West Thirty-seventh street; Chas. McCullough, No. 748 Third avenue; Jas. J. Brazil, No. 305 West Sixty-ninth street; Edward J. Devine, No. 402 East Twenty-ninth street; Alex. Lehmann, No. 307 East Thirty-first street; John Ryan, No. 412 East Twenty-ninth street; Joseph White, No. 417 East Twenty-fourth street; Michael Callan, No. 627 Second avenue; John Brady, No. 1612 Broadway; William J. McGuire, No. 319 East Fifty-sixth street; Vincenzo Vendia, No. 323 West Sixty-seventh street; Robert Madill, No. 331 East Thirty-sixth street; John Fallon, No. 315 East Thirty-seventh street; Samuel J. Harrigan, No. 2240 Third avenue, at \$2.50 a day; Francis J. Dinan, No. 314 East Fortieth street; Charles F. Buck, No. 14 Jones street; Andrew H. Minneker, No. 2472 Eighth avenue, transferred from Department of Parks, Borough of The Bronx.

Mowers—James Maloney, No. 256 Madison street; Archibald Fraser, No. 75 Bank street; John Hargett, No. 312 East Thirty-fifth street; Daniel F. Ryan, No. 205 East Fiftieth street; Philip King, No. 590 Third avenue; Matthew Kennedy, No. 230 East Twenty-fourth street; Robert N. Gannon, No. 138 East Thirty-second street; Francis Cunningham, No. 216 East Forty-seventh street, at \$2.25 per day; Henry A. Beatty, No. 516 Third avenue, at \$2.25 per day; George Jahrs, No. 215 East Thirty-fifth street; John Rodgers, No. 417 West Thirty-first street; Peter Roch, No. 313 West One Hundred and Thirty-fourth street; William F. Fitzpatrick, No. 603 First avenue; Michael J. McInerney, No. 568 Second avenue; Edward J. Murphy, No. 313 East Thirty-fifth street; Francis P. Lynch, No. 605 First avenue; Joseph Dugard, No. 639 Second avenue; Thomas F. Berry, No. 648 Second avenue; Timothy Moran, No. 241 East Thirty-third street; Albert Zierle, No. 329 East Forty-eighth street; Thomas Callahan, No. 402 East Thirty-fourth street; William E. Doyle, No. 523 First avenue; Henry J. Moran, No. 101 King street; Michael J. Campbell, No. 23 Roosevelt street; Bernard McGinn, No. 365 Third avenue; William O'Toole, No. 490 Second avenue; Matthew Cunneen, No. 218 East Twenty-seventh street; Michael McDonough, No. 201 East Thirty-second street; John Brown, No. 328 East Twenty-ninth street; Patrick T. Brennan, No. 301 East Thirty-eighth street; Frank J. Barry, No. 28 East Eighty-fifth street; Martin J. Hogan, No. 343 East Thirty-fifth street.

With Horse and Cart—Lewis Pierce, No. 306 West Eighty-first street.

Borough of The Bronx.

July 22—Martin Hogan, Veteran, No. 704 East One Hundred and Thirty-seventh street, Laborer, discharged.

DEPARTMENT OF DOCKS AND FERRIES.

July 20—Samuel V. Morrison, No. 378 Seventh street, Borough of Brooklyn, was appointed Recreation Pier Attendant, on probation, with compensation at the rate of \$75 per month while employed.

The resignation of John A. McGarry, No. 45 Catharine street, Recreation Pier Attendant, has been accepted.

PRESIDENT OF THE BOROUGH OF THE BRONX.

July 20—Appointments—Assistant Engineer—Hugh E. McLaughlin, No. 949 Pelham avenue; salary, \$1,800 per annum.

Leveler—John B. Sheridan, Webster avenue and Woodlawn road; salary, \$1,200 per annum; to take effect August 1, 1903.

DEPARTMENT OF BRIDGES.

July 22—Kiernan E. Devery, No. 409 East Sixty-third street, New York City, has been appointed a Mechanic's Helper, at a compensation of 31¼ cents per hour, to date from July 27, 1903.

BOARD OF ESTIMATE AND APPORTIONMENT.

July 10—James J. O'Connor, of No. 712 East One Hundred and Forty-sixth street, Borough of The Bronx, has been appointed to the position of Office Boy in the office of the Chief Engineer of the Board of Estimate and Apportionment, at a salary of \$300 per annum, in pursuance of a resolution of the said Board creating such position, concurred in by the Board of Aldermen, the appointment to take effect July 1, 1903.



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 1920 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.

Principal Office, Room 1, City Hall, JAMES D. MERRIMAN, 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.

Bureau of Printing, Stationery and Blank Books.
Supervisor's Office, Park Row Building, No. 21 Park row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 1505 and 1506 Cortlandt. Supply Room, No. 2, City Hall.
PHILIP COWEN, Supervisor; HENRY MCMILLEN, Deputy Supervisor.

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. FORTNES, 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 8.

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.

Law and Adjustment Division.

Auditor of Accounts, Room 183.

Investigating Division.

CHARLES S. HERVEY, Auditor of Accounts, 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 F. McLEAN, Chief Engineer, Room 55.

Real Estate Bureau.

MORTIMER J. BROWN, Appraiser of Real Estate, Room 159.

Bureau for the Collection of Taxes.

Borough of Manhattan—Stewart Building, Room O.
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—Bay and Sand streets, Stapleton.
JOHN DEMORGAN, Deputy Receiver of Taxes.

Bureau for the Collection of Assessments and Arrears.

Borough of Manhattan—Stewart Building, Room 81.
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—Bay and Sand streets, Stapleton.
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 130.

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. APFLEGATE, Secretary.

THEODORE CONNOLLY, CHARLES D. OLENDORF, GEORGE L. STERLING, EDWARD J. MCGUIRE, JAMES M. WARD, GEORGE S. COLEMAN, CHARLES N. HARRIS, CHASE MELLER, JOHN C. CLARK, CHARLES S. WHITMAN, EDWIN J. FREEDMAN, TERENCE FARLEY, JOHN C. WAIT, JOHN W. HUTCHINSON, JR., OLIVER C. SEMPLER, JAMES T. MALONE, JOHN L. O'BRIEN, CHARLES A. O'NEIL, GEORGE LANDON, ARTHUR SWENY, WILLIAM BEERS, CROWELL, DAVID RUMSEY, ANDREW T. CAMPBELL, JR., JOHN F. O'BRIEN, FRANKLIN C. HOYT, E. CROSBY, KINDLEBERGER, MONTGOMERY HARE, LE ROY D. BALL, FREDERICK KERNOCHAN, 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, 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 SAXE, 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. FORTNES, President of the Board of Aldermen, and JOHN T. MCCALL, 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 of 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, WILLIAM E. CURTIS 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. FORTNES; Brigadier-General JAMES MCLEER and Brigadier-General GEORGE MOORE SMITH, Commissioners.

FRANK J. BELL, Acting 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.

FRANCIS V. GREENE, Commissioner.

FREDERICK H. E. ESTEIN, First Deputy Commissioner.

ALEXANDER R. PIPER, Second Deputy Commissioner.

BOARD OF ELECTIONS.

Headquarters, General Office, No. 107 West Forty-first street.
Commissioners—JOHN R. VOORHIS (President), CHARLES B. PAGE (Secretary), JOHN MAGUIRE, RUDOLPH C. FULLER.
A. C. ALLEN, Chief Clerk of the Board.

BOROUGH OFFICES.

Manhattan.
No. 112 West Forty-second street.
WILLIAM C. BAXTER, Chief Clerk.
The Bronx.
One Hundred and Thirty-eighth street and Mott avenue (Solingen Building).
CORNELIUS A. RUNNER, Chief Clerk.
Brooklyn.
No. 42 Court street.
GEORGE RUSSELL, Chief Clerk.
Queens.
No. 51 Jackson avenue, Long Island City.
CARL VOGEL, Chief Clerk.
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. Telephones: 6080 Cortlandt, Manhattan; 2206 Main, Brooklyn; 1054 Melrose, The Bronx; 527 Greenpoint, Queens.
GUSTAV LINDENTHAL, Commissioner.
NELSON L. ROBINSON, Deputy.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park row, 9 A. M. to 4 P. M. 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.
NICHOLAS S. HILL, Jr., Chief Engineer.
GEORGE W. BIRDSALL, Consulting Hydraulic Engineer.
GEORGE F. SEVER, Consulting Electrical Engineer.
CHARLES F. LACOMBE, Engineer of Surface Construction.
ROBERT A. KELLY, Water Registrar, Manhattan.
EDWARD S. BROWN, Jr., Secretary to the Department.
ROBERT VAN DERSTINE, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.
JOHN EDWARD EASTMOND, Water Registrar, Brooklyn.
WILLIAM F. HULL, Deputy Commissioner, Borough of The Bronx, Crotona Park Building, One Hundred and Seventy-seventh street and Third avenue.
JOHN G. BORGSTEDT, Water Registrar, The Bronx.
GUSTAVE A. ROULLIER, Deputy Commissioner, Borough of Queens, Hackett Building, Long Island City.
GEORGE S. SCOFIELD, Deputy Commissioner, Borough of Richmond, Richmond Building, New Brighton, S. I.

FIRE DEPARTMENT.

Office hours for all, except where otherwise noted, from 9 A. M. to 5 P. M.; Saturdays, 12 M. to 5 P. M.
Headquarters.
Nos. 157 and 159 East Sixty-seventh street. Telephone 868 Seventy-ninth street, Manhattan; 636 Main, Brooklyn.
THOMAS STURGIS, Fire Commissioner.
RICHARD H. LAIMBEER, Jr., Deputy Commissioner, Boroughs of Brooklyn and Queens.
WILLIAM LEARY, Secretary.
CHARLES D. PUEY, Acting Chief of Department and in charge of Fire-alarm Telegraph.
JAMES F. MURRAY, Deputy Chief, 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.

Committee to examine persons who handle explosives meets Thursday of each week at 2 o'clock P. M.
Nos. 157 and 159 East Sixty-seventh street, Headquarters Fire Department.
Fire Commissioner THOMAS STURGIS, Chairman; WILLIAM J. CHARLTON, Esq.; Gen. GEORGE C. 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 5 P. M.
Telephone 3350 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. to 5 P. M.
Bureau of Dependent Adults. Office hours, 9:30 A. M. to 5 P. M.
Bureau of Dependent Children, No. 66 Third avenue, 9:30 A. M. to 5 P. M.

BELLEVUE AND ALLIED HOSPITALS.

Telephone 2730 Madison Square.
Board of Trustees—Dr. JOHN W. BRANNAN, ARDEN M. ROBBINS, MILES TIERNY, SAMUEL SACHS, JAMES K. PAULDING, MARCUS STINE, THEODORE E. TACK, HOMER FOLKS.
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 VEILLER, 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 BLEECKER, 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. Burial Permit and Contagious Disease Offices always open.
ERNEST J. LEDEBLE, Commissioner of Health and President.
Telephone 1204 Columbus.
EUGENE W. SCHEFFER, Secretary.
CHARLES F. ROBERTS, M. D., Sanitary Superintendent.
WILLIAM H. GUILFOY, M. D., Registrar of Records.
WALTER BENSEL, 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 SPRAGUE, M. D., Assistant Sanitary Superintendent, Borough of Richmond, Nos. 54 and 56 Water street, Stapleton, Staten Island.

DEPARTMENT OF PARKS.

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

Stewart Building, No. 280 Broadway. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
JAMES L. WELLS, President; WILLIAM S. COGSWELL, GEORGE J. GILLESPIE, SAMUEL STRASBOURGER, RUFUS L. SCOTT, Commissioners.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 61 Elm street, 9 A. M. to 4 P. M.
WILLIS L. OGDEN, ALEXANDER T. MASON, WILLIAM A. PERRINE, WILLIAM N. DYKMAN, THEODORE M. BANTA, NELSON S. SPENCER, Commissioners.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 A. M. to 4 P. M.; Saturdays, 12 M.
BENJAMIN E. HALL, President; HENRY B. KETCHAM and Enoch Vreeland, Board of Assessors. WILLIAM H. JASPER, Secretary.

DEPARTMENT OF EDUCATION.

Board of Education.
Park avenue and Fifty-ninth street, Borough of Manhattan, 9 A. M. to 5 P. M. (in the month of August, 9 A. M. to 4 P. M.); Saturdays, 9 A. M. to 12 M.
HENRY A. ROGERS, President; FRANK L. BABCOTT, Vice-President; A. EMERSON PALMER, Secretary.
WILLIAM H. MAXWELL, City Superintendent of Schools.
C. B. J. SNYDER, Superintendent of School Buildings.
PARKER P. SIMMONS, Superintendent of School Supplies.
HENRY R. M. COOK, Auditor.
HENRY M. LEIPZIGER, Supervisor of Lectures.
CLAUDE G. LELAND, Superintendent of Libraries.
HENRY M. DEVOR, Supervisor of Janitors.

ART COMMISSION.

City Hall, Room 21.
Telephone call, 1197 Cortlandt.
JOHN DEWITT WARNER, President; FREDERICK DIELMAN, Painter, Vice-President; A. AUGUSTUS HEALY, President of Brooklyn Institute of Arts and Sciences, Secretary; SETH LOW, Mayor of The City of New York; FREDERICK W. RHINELANDER, President of Metropolitan Museum of Art; JOHN BIGELOW, President of New York Public Library; A. PHIMISTER PROCTOR, Sculptor; HENRY RUTGERS MARSHALL, Architect; WILLIAM J. COOMBS, LOYALL FARRAGUT.
MILOR M. MALTRIE, Assistant Secretary.
ALICE S. CLARK, Clerk.

THE BOARD OF EXAMINERS OF THE CITY OF NEW YORK.

Rooms 6027 and 6028 Metropolitan Building, No. 1 Madison avenue, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 5840 Eighteenth street.
WALTER COOK, Chairman; WILLIAM J. FRYER, WARREN A. CONOVER, CHARLES BUEK, WILLIAM C. SMITH, CHARLES D. PUEY and CHARLES G. SMITH.
JAMES GAFFNEY, Clerk.
Board meeting every Tuesday at 3 P. M.

EXAMINING BOARD OF PLUMBERS.

President, WILLIAM MONTGOMERY; Secretary, DAVID JONES; Treasurer, EDWARD MACDONALD; ex officio, HORACE LOOMIS and P. J. ANDREWS.
Rooms 14, 15 and 16 Aldrich Building, Nos. 149 and 151 Church street.
Office open during business hours every day in the year, except legal holidays. Examinations are held on Monday, Wednesday and Friday, after 3 P. M.

BOROUGH OFFICES.

Borough of Manhattan.
Office of the President, Nos. 10, 11 and 12 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
JACOB A. CANTOR, President.
GEORGE W. BLAKE, Secretary.
HENRY S. THOMPSON, Superintendent of Buildings.
GEORGE LIVINGSTON, Commissioner of Public Works.
FRITZ GUERTLER, Assistant Commissioner of Public Works.
WILLIAM H. WALKER, Superintendent of Public Buildings and Offices.
WILLIAM H. MICHAELS, Superintendent of Sewers.
JOHN L. JORDAN, Assistant Superintendent of Buildings.
JAMES G. COLLINS, Superintendent of Highways.
WILLIAM MARTIN AIKEN, Consulting Architect for the Borough of Manhattan.
Borough of The Bronx.
Office of the President, corner Third avenue and One Hundred and Seventy-seventh street, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

LOUIS F. HAPFEN, President.
HENRY A. GUMBLETON, Secretary.
PATRICK J. REVILLE, Superintendent of Buildings.
HENRY BRUCKNER, Commissioner of Public Works.

Borough of Brooklyn.

President's Office, No. 11, Borough Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
J. EDWARD SWANSTROM, President.
JUSTIN MCCARTHY, Jr., Secretary.
WILLIAM C. REDFIELD, Commissioner of Public Works.
OTTO KEMPNER, Assistant Commissioner of Public Works and Acting Superintendent of Incumbences.
WILLIAM M. CALDER, Superintendent of Buildings.
GEORGE W. TILLSON, Engineer in Charge, Bureau of Highways.
JOHN THATCHER, Superintendent of the Bureau of Sewers.
FRANK J. HELMLE, Superintendent of the Bureau of Public Buildings and Offices.
JAMES A. ROONEY, Supervisor of Complaints.

Borough of Queens.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City.
JOSEPH S. JENNIS, Secretary to the President.
JOSEPH BERTEL, Commissioner of Public Works.
SAMUEL GRENON, Superintendent of Highways.
JOSEPH HACKETT, Superintendent of Buildings.
JOSEPH P. POWERS, Superintendent of Buildings.
PHILIP T. CRONIN, Superintendent of Public Buildings and Offices.
MATTHEW J. GOLDNER, Superintendent of Sewers.
Office, Long Island City, 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. until 12 M.

Borough of Richmond.

President's Office, New Brighton, Staten Island.
GEORGE CROMWELL, President.
CLAYBURY FLEMING, Secretary to the President.
LOUIS LINCOLN TRIBUS, Commissioner of Public Works.
JOHN SEATON, Superintendent of Buildings.
JOHN TIMLIN, Jr., Superintendent of Public Buildings and Offices.
H. E. BUEL, Superintendent of Highways.
RICHARD T. FOX, Superintendent of Street Cleaning.
Office of the President, First National Bank Building, New Brighton, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

CORONERS.

Borough of Manhattan—Office, New Criminal Court Building. Open at all times of day and night.
SOLOMON GOLDENKRANZ, NICHOLAS T. BROWN, GUSTAV SCHOLER, MOSES J. JACKSON.
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 I. BERRY.
Borough of Brooklyn—Office, Room 17, Borough Hall. Telephone 4004 Main and 4005 Main.
PHILIP T. WILLIAMS, MICHAEL J. FLAHERTY, JAMES L. GERNON, Chief Clerk.
Open at all times of day and night, except between the hours of 12 M. and 5 P. M. on Sundays and holidays.
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. 46 Richmond road, 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.

No. 116 Nassau street. 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. ROSSNER, Register; HENRY H. SHERMAN, Deputy Register.

COUNTY CLERK.

Nos. 8, 9, 10 and 11 New County Courthouse. Office hours from 9 A. M. to 2 P. M.
THOMAS L. HAMILTON, County Clerk.
HENRY BIRRELL, Deputy.
PATRICK H. DUNN, Secretary.

COMMISSIONER OF JURORS.

Room 127 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
THOMAS A. ALLISON, 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.
JOSEPH ASPINALL and FREDERICK E. CRANE, County Judges.
CHARLES S. DEVOR, 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.
W. E. MELOY, Sheriff.

COUNTY JAIL.

Raymond street, between Willoughby street and DeKalb avenue, Brooklyn, New York.
W. E. MELOY.

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.
JOHN H. JOHNSON, Secretary.
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 Thursdays 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.
GEORGE A. GREGG, District Attorney.

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.
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 1 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.
C. L. BOSTWICK, County Clerk.

SHERIFF.

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

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. 16.
Trial Term, Part V., 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. 22.
Trial Term, Part XII., Room No. 14.
Trial Term, Part XIII., and Special Term, 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 Court, Centre street.
Justices—CHARLES H. TRUAX, FRANCIS M. SCOTT, CHARLES F. McLEAN, HENRY BISCHOFF, JR., LEONARD A. GIEGERICH, JOHN J. FREEDMAN, P. HENRY DUGRO, HENRY A. GILDERSELEE, JAMES FITZGERALD, DAVID LEVENTRITT, JAMES A. O'GORMAN, GEORGE C. BARRETT, JAMES A. BLANCHARD, JOHN PROCTOR, CLARKE, SAMUEL GREENBAUM, EDWARD E. McCALL, EDWARD B. AMEND, VERNON M. DAVIS.

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, Brownstone Building, City Hall Park, from 10 A. M. to 4 P. M.
General 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 open 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. OLNEY, 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—No. 171 Atlantic avenue, 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, ROBERT J. WILKIN, JOSEPH L. KERRIGAN, Clerk; JOHN J. DORMAN, Deputy Clerk.
Clerk's office, 171 Atlantic avenue, Borough of Brooklyn, open from 9 A. M. to 4 P. M.

CITY MAGISTRATES' COURTS.

Courts open from 9 A. M. to 4 P. M.
City Magistrates—ROBERT C. CORNELL, LEROY B. CRANE, JOSEPH M. DEUEL, CHARLES A. FLAMMER, LORENZ ZELLER, CLARENCE W. MEADE, JOHN M. MOTT, JOSEPH POOL, JOHN B. MAYO, EDWARD HOGAN, PETER P. BARLOW, MATTHEW P. BREEN, SEWARD BAKER, ALFRED E. OMMEN.
PHILIP BLOCK, 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. TIGHE, EDWARD J. DOOLEY, JOHN NAUMER, E. G. HIGGENBOTHAM, FRANK E. O'RIELLY, HENRY J. FURLONG.
President of Board, JAMES G. TIGHE, No. 184½ Bergen street.
Secretary to the Board, THOMAS D. OSBORN, West Eighth street, Coney Island.

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.

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. Court-room 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 10 A. M. daily, and remains open to close of business.
GEORGE F. ROESCH, Justice. JULIUS HARBURGER, Clerk.
Fifth District—The Fifth District embraces the Eleventh Ward and all that portion of the Thirteenth Ward which lies east of the centre line of Norfolk street and north of the centre line of Grand street and west of the centre line of Pitt street and north of the centre line of Delancey street. 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 until close of business.
DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.
Seventh District—Nineteenth Ward. Court room, 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.
JAMES W. McLAUGHLIN, 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 from 9 A. M. to 4 P. M.
Tenth District—The Tenth District embraces that portion of the Twenty-second Ward south of Seventieth street. 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—The Eleventh District embraces that portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street, between Lenox avenue and Seventh avenue; north of the centre line of One Hundred and Twentieth street, between Seventh avenue and Broadway; north of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river; 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.
Twelfth District—The Twelfth District embraces that portion of the Twenty-second Ward north of Seventieth street, and that portion of the Twelfth Ward which lies north of the centre line of Eighty-sixth street and west of the centre line of Seventh avenue and south of the centre line of One Hundred and Twentieth street, between Seventh avenue and Broadway, and south of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river. Courtroom, 2630 Broadway.
WILLIAM STILES BENNETT, Justice. FREDERICK E. WOOD, Clerk.
Thirteenth District—South side of Delancey street from East river to Pitt street, east side of Pitt street, Grand street, south side of Grand street to Norfolk street, east side of Norfolk street to Division street, south side of Division street to Catharine street, east side of Catharine street to East river. Clerk's office open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. JULIUS G. KREMER, Justice. Courtroom, 200 East Broadway.

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 Tuesday and Friday of each week.

WILLIAM W. PENFIELD, Justice. THOMAS F. DELEHANTY, 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 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. TIERNY, 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, Ninth, Eleventh, Twentieth, Twenty-first and Twenty-third Wards. Courtroom located at No. 1217 Bedford avenue, Brooklyn. Calendar called at 10 o'clock A. M.

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. CARFENTER, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

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 FURGUESON, 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 includes the territory of the late Towns of Newtown and Flushing. Courtroom, in Courthouse of the 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). Courtroom, former Village Hall, Lafayette avenue and Second street, New Brighton.

JOHN J. KENNY, 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). Courtroom, 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.

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 MANHATTAN.

List 7440, No. 1. Regulating, grading, curbing and flagging Ninth avenue, from Two Hundred and First street to Kingsbridge road.

BOROUGH OF THE BRONX.

List 7393, No. 2. Regulating, grading, curbing, flagging and laying crosswalks in Boston road, from Tremont avenue to Kingsbridge road, together with a list of awards for damages caused by a change of grade.

List 7444, No. 3. Regulating, grading, curbing, flagging and laying crosswalks in East One Hundred and Forty-first street, from Cypress avenue to Locust avenue, together with a list of awards for damages caused by a change of grade.

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

No. 1. Both sides of Ninth avenue, from Two Hundred and First street to Kingsbridge road, and to the extent of one-half the block at the intersecting and terminating streets and avenues.

No. 2. Both sides of Boston road, from Tremont avenue to Kingsbridge road, and to the extent of one-half the block at the intersecting and terminating streets and avenues.

No. 3. North side of East One Hundred and Forty-first street, extending about one hundred and ten feet west of Cypress avenue; both sides of East One Hundred and Forty-first street, from Cypress avenue to Locust avenue, and to the extent of one-half the block at the intersecting and terminating streets and avenues.

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 August 27, 1903, 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, July 24, 1903. j24,44

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 7504, No. 1. Sewer and appurtenances in West Farms road, between Edgewater road and East One Hundred and Sixty-seventh street, and in Bryant street, from Home street to West Farms road.

List 7507, No. 2. Sewer and appurtenances in East One Hundred and Sixty-sixth street, between Webster avenue and Morris 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 West Farms road, from Edgewater road to East One Hundred and Sixty-seventh street; both sides of Bryant street, from Home street to East One Hundred and Sixty-seventh street; both sides of Boone street, from West Farms road to Freeman street.

No. 2. Both sides of East One Hundred and Sixty-sixth street, from Webster avenue to Morris avenue; both sides of East One Hundred and Sixty-fifth street, from Webster avenue to Morris avenue; both sides of East One Hundred and Sixty-fourth street, from Webster avenue to Morris avenue; both sides of East One Hundred and Sixty-third street, from Webster avenue to Morris avenue; west side of Webster avenue, from East One Hundred and Sixty-fifth street to East One Hundred and Sixty-seventh street; both sides of Clay avenue, from East One Hundred and Sixty-fourth street to East One Hundred and Sixty-eighth street; both sides of Teller avenue, from East One Hundred and Sixty-fourth street to a point about 215 feet north of East One Hundred and Sixty-eighth street; both sides of Findlay avenue and College avenue, from East One Hundred and Sixty-fourth street to East One Hundred and Sixty-eighth 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 August 27, 1903, 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, July 16, 1903. j16,27

BOARD OF TRUSTEES OF BELLEVUE AND ALLIED HOSPITALS.

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, TWENTY-SIXTH STREET AND FIRST AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Board of Trustees at the above office until 3.30 o'clock p. m., on

WEDNESDAY, JULY 29, 1903.

FOR CUTTING AND GRADING THE ROAD AT THE ENTRANCE TO "FORDHAM HOSPITAL," LOCATED AT ONE HUNDRED AND NINETEENTH STREET AND AQUEDUCT AVENUE.

The time for the completion of the work and the full performance of the contract is within twenty-one (21) days.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.

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 Board of Trustees, Twenty-sixth street and First avenue, Borough of Manhattan.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.

Dated July 13, 1903. j14,29

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

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 of 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, No. 16 Smith street, 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, liquor, etc., also small amount of money taken from prisoners and found by Patrolmen of this Department.

EDWARD E. DOONAN, Deputy Property Clerk.

OFFICIAL PAPERS.

"New York Tribune," "Evening Sun," "Freeman's Journal," "The World," "Commercial Advertiser," "Real Estate Record and Guide," "Staats-Zeitung."

DEPARTMENT OF STREET CLEANING.

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 McGAUGH WOODBURY, Commissioner of Street Cleaning.

COURT OF GENERAL SESSIONS.

CLERK'S OFFICE.

PURSUANT TO CHAPTER 461 OF THE LAWS OF 1895, this office will close during the months of July and August at 2 o'clock p. m., and on Saturdays at 12 m.

EDWARD R. CARROLL, Clerk.

DEPARTMENT OF FINANCE.

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

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 avenue and street in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 12.
PERRY AVENUE—OPENING, from Southern Boulevard to Moshulu parkway. Confirmed December 21, 1896; entered July 10, 1903. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the middle line of the blocks between Bainbridge avenue and Briggs avenue, from the westerly side of Moshulu parkway to a point distant 200 feet westerly from the westerly side of the Southern Boulevard; on the south by the middle line of the blocks between Marion avenue and Decatur avenue, from the westerly side of Moshulu parkway to a point distant 200 feet westerly from the westerly side of the Southern Boulevard; on the east by the westerly side of Moshulu parkway; on the west by a line drawn parallel to the Southern Boulevard and distant 200 feet westerly from the westerly side thereof.

TWENTY-FOURTH WARD, SECTIONS 12 AND 13.

EAST TWO HUNDRED AND THIRTIETH STREET—OPENING, from Broadway to Bailey avenue. Confirmed May 19, 1903; entered July 10, 1903. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in the City of New York, which taken together, are bounded and described as follows, viz.:

Beginning at a point formed by the intersection of the southeasterly prolongation of the southwesterly line of East Two Hundred and Thirty-third street as the same is between Broadway and Bailey avenue, with the northwesterly line of Sedgwick avenue; running thence southwesterly along said line of Sedgwick avenue to its intersection with the easterly line of Kingsbridge road; thence northerly and northwesterly along said line of Kingsbridge road to its intersection with the easterly line of Spuyten Duyvil creek; thence northerly and westerly along said line of Spuyten Duyvil creek to its intersection with the southwesterly prolongation of the southeasterly line of Spuyten Duyvil road, as the same is between West Two Hundred and Thirty-first street and West Two Hundred and Thirty-second street; thence northeasterly along said southwesterly prolongation and line of Spuyten Duyvil road to its intersection with a line parallel to and distant 100 feet northeasterly from the northeasterly line of West Two Hundred and Thirty-second street; thence southeasterly along said parallel line to its intersection with the northwesterly line of Broadway; thence still southeasterly to the point formed by the intersection of the southeasterly line of Broadway with the southwesterly line of East Two Hundred and Thirty-third street; thence still southeasterly along said line of East Two Hundred and Thirty-third street and its southeasterly prolongation to the point or place of beginning.

The above-entitled assessments were entered on the date 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, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, 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 September 8, 1903, 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 became liens to the date of payment.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, JULY 10, 1903. ju-11-24

BRYAN L. KENNELLY, Auctioneer.

SALE OF LEASE OF CITY PROPERTY.

THE COMPTROLLER OF THE CITY OF NEW YORK will sell at public auction to the highest bidder yearly rental, at the New York Real Estate Salesroom, No. 161 Broadway, Borough of Manhattan,

MONDAY, JULY 27, 1903,

at 12 o'clock m., a lease, for the term of ten years from May 1, 1903, of the following described premises belonging to the corporation of The City of New York, viz.: All that certain plot of ground, with the buildings thereon erected, known as No. 18 Tenth avenue, located on the southeasterly corner of Tenth avenue and Little West Twelfth street, in the Borough of Manhattan, being about 50 feet front on Little West Twelfth street and about 70 feet front on Tenth avenue.

The yearly rental for the said premises being approved and fixed by the Commissioners of the Sinking Fund at the sum of twenty-four hundred dollars (\$2,400), upon the following

TERMS AND CONDITIONS OF SALE.

The highest bidder will be required to pay the auctioneer's fee and twenty-five per cent. of the

amount of the yearly rental bid at the time and place of sale.

The amount so paid for one-quarter's rent shall be forfeited if the successful bidder does not execute the lease when notified that it is ready for execution. He will also be required to give a bond in double the amount of the annual rent bid, with two sufficient sureties, to be approved by the Comptroller, conditioned for the payment of the rent quarterly, in advance, and for the performance and fulfillment of the covenants and terms of the lease.

No person will be received as lessee or surety who is a delinquent on any former lease from the Corporation, and no bid will be accepted from any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter as surety or otherwise upon any obligation to the Corporation, as provided by law.

No alteration shall be made in the premises except with the consent of the Comptroller, and all alterations are to be made at the expense of the lessee.

The lessee shall be required to make all repairs necessary to keep the premises in good tenable condition, including repairs to the roof at his own expense.

The lease will be in the usual form of leases of like property, a copy of which may be seen at the Bureau for the Collection of City Revenue and of Markets, Room 139, Stewart Building, No. 280 Broadway, Borough of Manhattan.

The lease will contain, in addition to other terms, a covenant or condition reserving to the Corporation the right to cancel the same upon thirty days' notice.

The Comptroller shall have the right to reject any bid if deemed to be for the best interest of the City.

By order of the Commissioners of the Sinking Fund, under and pursuant to a resolution adopted at a meeting of the Board held July 2, 1903.

EDWARD M. GROUT, Comptroller.
 CITY OF NEW YORK—DEPARTMENT OF FINANCE,
 COMPTROLLER'S OFFICE, JULY 6, 1903. ju7-27

DEPARTMENT OF FINANCE, CITY OF NEW YORK, March 26, 1903.

UNTIL FURTHER NOTICE AND UNLESS otherwise directed in any special case, one surety company will be accepted as sufficient upon all contracts for supplies for furniture, and for gas and electric lighting to any amount, and upon the following contracts to the amounts named:

For supplies and furniture, with patented articles	\$5,000
Regulating, grading, paving (other than asphalt)	
Not over 2 years	15,000
Over 2 years	5,000
School building repairs	10,000
Heating and lighting apparatus	5,000
New buildings—New docks	25,000
Sewers—Dredging and water mains	
Not over 2 years	10,000
Over 2 years	5,000

EDWARD M. GROUT, Comptroller

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, SOUTHWEST CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 3 o'clock p. m., on

FRIDAY, JULY 31, 1903.

FOR FURNISHING AND DELIVERING LANTERNS, ETC., FOR THE BUREAU OF LECTURES OF THE CITY OF NEW YORK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1903.

The amount of security required is fifty per cent. (50 per cent.) of the amount of the bid or estimate.

The bidder will state the price of the item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. Awards will be made to the lowest bidder.

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 Superintendent of School Supplies, Board of Education, the Borough of Manhattan, southwest corner Park avenue and Fifty-ninth street.

Dated July 21, 1903.
 PARKER P. SIMMONS, Superintendent of School Supplies. j21-31

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

DEPARTMENT OF EDUCATION, SOUTHWEST CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Executive Committee of the Normal College of The City of New York at the above office until 11 o'clock a. m., on

MONDAY, JULY 27, 1903.

NORMAL COLLEGE.

No. 1. REPAIRS AND ALTERATIONS TO HEATING AND VENTILATING APPARATUS IN THE NORMAL COLLEGE BUILDINGS, PARK AND LEXINGTON AVENUES, SIXTY-EIGHTH AND SIXTY-NINTH STREETS, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be thirty (30) working days.

The amount of security required is \$900.

On contract No. 1 the bidder will state the price of each or any 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 item and awards made to the lowest bidder on each item.

Delivery will be required to be made at the time and 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 Superintendent of School Buildings, at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

ALRICK H. MAN, Chairman Executive Committee, Normal College.
 Dated July 16, 1903. j16-27

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

BOROUGH OF MANHATTAN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

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, JULY 28, 1903.

No. 1. FOR REGULATING AND GRADING, CURBING AND FLAGGING ONE HUNDRED AND TWENTY-EIGHTH STREET, FROM CONVENT AVENUE TO ST. NICHOLAS TERRACE.

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

778 cubic yards of earth excavation.
 13,790 cubic yards of rock excavation.
 778 cubic yards of filling, to be furnished.
 744 linear feet of new curbstone, furnished and set.

70 linear feet of old curbstone, redressed, re-joined and reset (not to be bid for).

2,888 square feet new flagging, furnished and laid.

248 square feet old flagging, retrimmed and relaid (not to be bid for).

Time for the completion of the work and the full performance of the contract is 150 days.

The amount of security required is \$7,000.

No. 2. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF ONE HUNDRED AND FORTY-SECOND STREET, FROM LENOX AVENUE TO SEVENTH AVENUE.

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

2,700 square yards of asphalt pavement, including binder course.

338 cubic yards concrete.

400 linear feet of new bluestone curbstone, furnished and set.

1,250 linear feet of old bluestone curbstone, redressed, re-joined and reset.

7 noiseless covers, complete, for sewer man-holes, furnished and set (not to be bid for).

2 noiseless covers, complete, for water man-holes, furnished and set (not to be bid for).

Time for the completion of the work and the full performance of the contract is 50 days.

The amount of security required is \$2,000.

No. 3. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF ONE HUNDRED AND FIFTY-SEVENTH STREET, FROM ST. NICHOLAS AVENUE TO STERDAM AVENUE.

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

925 square yards of asphalt pavement, including binder course.

142 cubic yards of concrete.

300 linear feet of new curbstone, furnished and set.

300 linear feet of old curbstone, redressed, re-joined and reset.

2 noiseless covers, complete, for sewer man-holes, furnished and set (not to be bid for).

1 noiseless cover, complete, for water man-hole, furnished and set (not to be bid for).

Time for the completion of the work and the full performance of the contract is 30 days.

The amount of security required is \$1,000.

No. 4. FOR REGULATING, GRADING AND PAVING WITH TELFORD MACADAM PAVEMENT THE ROADWAY OF FORT WASHINGTON AVENUE, AND CURB AND FLAG THE SAME, FROM WEST ONE HUNDRED AND EIGHTY-FIRST STREET TO ITS FIRST INTERSECTION WITH AN UN-NAMED STREET ABOUT ONE MILE NORTH OF SAID WEST ONE HUNDRED AND EIGHTY-FIRST STREET.

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

22,000 square yards telford macadam pavement.

10,300 linear feet new curbstone, furnished and set.

42,000 square feet new flagstone, furnished and laid.

70 linear feet stone culvert, to be repaired and rebuilt (not to be bid for).

2 iron road boxes (not to be bid for).

Time for the completion of the work and the full performance of the contract is 150 days.

The amount of security required is \$15,000.

The bidder will state the price for 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.

Blank forms and specifications 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, July 16, 1903. j17-28

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, July 18, 1903.

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 29th day of July, 1903, 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. 133, 135 and 135½ ALLEN 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, within 30 days, and that he give or furnish a cash bond of \$300 to perform all the terms and conditions in 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. j17-29

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

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, JULY 28, 1903.

FOR ALTERATIONS AND REPAIRS TO THE COUNTY COURT HOUSE, NEW YORK

COUNTY, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

Time for the completion of the work and the performance of the contract is by or before October 5, 1903.

The amount of security required is \$40,000.

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

Blank forms and specifications can be obtained at the office of W. M. Aiken, Consulting Architect of the Borough, No. 220 Fourth avenue, Borough of Manhattan.

JACOB A. CANTOR, Borough President.
 THE CITY OF NEW YORK, July 16, 1903. j17-28

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

BOARD OF ELECTIONS.

BOARD OF ELECTIONS OF THE CITY OF NEW YORK, No. 107 WEST FORTY-FIRST STREET, BOROUGH OF MANHATTAN.

PUBLIC NOTICE IS HEREBY GIVEN that the Board of Elections will receive, until August 1 next, recommendations and suggestions for suitable places in each election district of The City of New York, to be used for elections on the annual primary day, September 15; for the purposes of registration, October 9, 10, 16 and 17, and for the general election on November 3, 1903; said places to be on the first floor of a front building, to contain not less than 300 square feet floor space, and to be located where intoxicating liquors have not been sold in any part of the building for thirty days prior to September 1, 1903. The prices for said polling places have been fixed by the Board as follows, viz.:

For the purposes of the primary election in the boroughs of Manhattan, The Bronx and Brooklyn, fifteen dollars for each place, and in the boroughs of Queens and Richmond ten dollars for each place; for the purposes of registration and enrollment in October next, five dollars for each place in all boroughs; for the purposes of the general election on November 3, 1903, in the Borough of Manhattan thirty dollars for each place, in the boroughs of The Bronx and Brooklyn twenty-five dollars for each place, and in the boroughs of Queens and Richmond fifteen dollars for each place.

JOHN R. VOORHIS,
 CHARLES B. PAGE,
 JOHN MAGUIRE,
 RUDOLPH C. FULLER,
 Commissioners of Elections.

A. C. ALLEN, Chief Clerk.
 NEW YORK, July 18, 1903. j17-21

BOARD OF ELECTIONS OF THE CITY OF NEW YORK, No. 107 WEST FORTY-FIRST STREET, BOROUGH OF MANHATTAN.

PUBLIC NOTICE IS HEREBY GIVEN that lists of persons recommended for appointment as election officers for 1903 to serve in the respective boroughs in The City of New York, as submitted by the Democratic and Republican parties, are now open for inspection by the public in the branch office of each borough.

JOHN R. VOORHIS,
 CHARLES B. PAGE,
 JOHN MAGUIRE,
 RUDOLPH C. FULLER,
 Commissioners of Elections.

A. C. ALLEN, Chief Clerk.
 NEW YORK, July 18, 1903. j17-25

BOROUGH OF BROOKLYN.

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, JULY 29, 1903.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWERS IN KENILWORTH PLACE, FROM GERMANIA PLACE TO AVENUE F; ALSO IN GERMANIA PLACE, FROM FLATBUSH AVENUE TO KENILWORTH PLACE, IN THE BOROUGH OF BROOKLYN.

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

45 linear feet 18-inch vitrified stoneware pipe sewer, laid in concrete.

800 linear feet 15-inch vitrified stoneware pipe sewer, laid in concrete.

1,025 linear feet 12-inch vitrified stoneware pipe sewer, laid in concrete.

19 manholes.

11,500 feet, B. M., foundation planking.

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

The amount of security required is \$3,000.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN FURMAN AVENUE, FROM BUSHWICK AVENUE TO EVERGREEN CEMETERY, IN THE BOROUGH OF BROOKLYN.

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

445 linear feet 12-inch vitrified stoneware pipe sewer, laid in concrete.

5 manholes.

2,600 feet, B. M., foundation planking.

The time allowed for the completion of the work and full performance of the contract is 15 working days.

The amount of security required is \$700.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN LOMBARDY STREET, FROM MORGAN AVENUE TO KINGSLAND AVENUE, IN THE BOROUGH OF BROOKLYN.

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

40 linear feet 15-inch vitrified stoneware pipe sewer, laid in concrete.

592 linear feet 12-inch vitrified stoneware pipe sewer, laid in concrete.

7 manholes.

4,000 feet, B. M., foundation planking.

The time allowed for the completion of the work and full performance of the contract is 20 working days.

The amount of security required is \$900.

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWERS IN BLAKE AVENUE, FROM LOGAN STREET TO FOUNTAIN AVENUE, ETC., IN THE BOROUGH OF BROOKLYN.

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

270 linear feet 12-inch vitrified stoneware pipe sewer, laid in concrete.

2 manholes.

The Engineer's estimate of the quantities is as follows:
 1 sewer basin.
 The time allowed for the completion of the work and full performance of the contract is 10 working days.
 The amount of security required is \$70.
 No. 6. FOR CONSTRUCTING SEWER BASIN AT THE SOUTHEAST CORNER OF SHEFFIELD AVENUE AND PITKIN AVENUE, IN THE BOROUGH OF BROOKLYN.
 The Engineer's estimate of the quantities is as follows:
 1 sewer basin.
 The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is \$70.
 No. 7. FOR CONSTRUCTING SEWER BASIN AT THE SOUTHWEST CORNER OF WARWICK STREET AND FULTON STREET, IN THE BOROUGH OF BROOKLYN.
 The Engineer's estimate of the quantities is as follows:
 1 sewer basin.
 The time allowed for the completion of the work and full performance of the contract is 10 working days.
 The amount of security required is \$80.
 No. 8. FOR CONSTRUCTING SEWER BASIN AT THE NORTHWEST CORNER OF ALBAMARLE ROAD AND EAST SEVENTEENTH STREET, IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantities is as follows:
 1 sewer basin.
 The time allowed for the completion of the work and full performance of the contract is 10 working days.
 The amount of security required is \$100.
 No. 9. FOR DREDGING GOWANUS CANAL, WALLABOUT CANAL, EAST RIVER, FOOT OF DIVISION AVENUE, AND NEWTOWN CREEK, FOOT OF METROPOLITAN AVENUE, IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantity of the material necessary to be dredged is as follows:
 Cubic Yards,
 Scow Measurement.
 Gowanus canal..... 30,000
 Wallabout canal..... 11,000
 East river, foot of Division avenue... 2,000
 Newtown creek, foot of Metropolitan avenue..... 2,000
 45,000
 The time allowed for the completion of the work and full performance of the contract is 90 calendar days.
 The amount of security required is \$8,000.
 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, feet B. M., cubic yard, or other unit of measure, by which the bids will be tested. 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 July 14, 1903. j17,29

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

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, 61 ELM STREET, CITY OF NEW YORK.

PUBLIC NOTICE WILL BE GIVEN OF ALL competitive examinations two weeks in advance of the date upon which the receipt of applications for any scheduled examination will close. Applications will be received for only such examinations as are scheduled.

When an examination is advertised, a person desiring to compete in the same may obtain an application blank upon request made in writing, or by personal application at the office of the Commission.

All notices of examinations will be posted in the office of the Commission, City Hall, Municipal Building, Brooklyn, and advertised in the "City Record" for two weeks in advance of the date upon which the receipt of applications will close for any stated position.

Public notice will also be given by advertisement in the following papers:
 Herald, Staats-Zeitung,
 Press, Mail and Express,
 Evening Post, Brooklyn Standard-Union,
 Brooklyn Daily Eagle, Brooklyn Daily Times,
 Brooklyn Citizen, Long Island Daily Star,
 Flushing Daily Times, Flushing Evening Journal,
 Newtown Register, Jamaica Standard,
 Rockaway News, Staten Islander,
 Staten Island World,
 Staten Island News and Independent.

Wherever an examination is of a technical character, due notice is given by advertisement in the technical journals pertaining to the particular profession for which the examination is called.

Such notices will be sent to the daily papers as matters of news, and to the General Postoffice and stations thereof. The scope of the examination will be stated, but for more general information application should be made at the office of the Commission.

Unless otherwise specifically stated the minimum age requirement for all positions is 21.
 S. WILLIAM BRISCOE, Secretary.

MUNICIPAL CIVIL SERVICE COMMISSION, LABOR BUREAU, NEW CRIMINAL COURT BUILDING, CORNER WHITE AND CENTRE STREETS.

APPLICATIONS WILL BE RECEIVED FOR the position of Rustic Carpenter, for appointment in the Department of Parks, Borough of Manhattan, at \$4.50 per day while employed. Only experienced workmen need apply.

F. A. SPENCER, Labor Clerk.

MUNICIPAL CIVIL SERVICE COMMISSION, CITY OF NEW YORK, May 21, 1903.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications for the following positions will be received until further notice:
 Trained Nurse.
 Nurse.
 Patrolman.

S. WILLIAM BRISCOE, Secretary.

DEPARTMENT OF CORRECTION.

OFFICE OF THE DEPARTMENT OF CORRECTION, No. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

THURSDAY, AUGUST 6, 1903.

Borough of Manhattan.

FOR FURNISHING AND DELIVERING HARDWARE, PAINTS, IRON, STEAM FIT-

TINGS, LUMBER AND MISCELLANEOUS ARTICLES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before ten days.

The amount of security required is fifty per cent. (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 item and awards made to the lowest bidder on each item. The bids on lumber will be compared and the contract for lumber 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 and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

THOMAS W. HYNES, Commissioner.
 Dated July 21, 1903. j22,26

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

BOROUGH OF RICHMOND.

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

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond, at the above office, until 3 o'clock p. m., on

MONDAY, JULY 27, 1903.

Borough of Richmond.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY FOR THE MASON, CARPENTER AND ROOFING WORK REQUIRED FOR THE ERECTION AND COMPLETION OF A JAILER'S COTTAGE AND A JAIL AT RICHMOND, BOROUGH OF RICHMOND, THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is by or before December 31, 1903.

The amount of security required is not less than 50 per cent. of the amount of the bid or estimate.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY FOR THE STRUCTURAL IRON AND CELL WORK REQUIRED IN THE ERECTION AND COMPLETION OF A JAILER'S COTTAGE AND A JAIL AT RICHMOND, BOROUGH OF RICHMOND, THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is by or before November 15, 1903.

The amount of security required is not less than 50 per cent. of the amount of the bid or estimate.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY FOR THE PLUMBING, HEATING AND ELECTRIC WORK REQUIRED IN THE ERECTION AND COMPLETION OF A JAILER'S COTTAGE AND A JAIL AT RICHMOND, BOROUGH OF RICHMOND, THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is by or before December 20, 1903.

The amount of security required is not less than 50 per cent. of the amount of the bid or estimate.

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

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 form prepared by the President, a copy of which can be obtained upon application therefor at the office of the said President. The plans and drawings may be seen and other information obtained at the office of the President of the Borough of Richmond, First National Bank Building, St. George, Borough of Richmond.

GEORGE CROMWELL, President.

THE CITY OF NEW YORK, July 14, 1903. j15,26

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

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

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond, at the above office until 3 o'clock p. m., on

FRIDAY, JULY 24, 1903.

Borough of Richmond.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING 5,000 TONS (2,000 POUNDS) OF BROKEN STONE AND SCREENINGS OF TRAP ROCK OR STATEN ISLAND GRANITE, AND 1,500 TONS OF 3/4-INCH TOMPKINS COVE (OR SIMILAR) LIMESTONE SCREENINGS.

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:

The time for the completion of the work and the full performance of the contract is 325 days.
 The amount of security required is five thousand dollars (\$5,000).

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

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 form prepared by the President, a copy of which can be obtained upon application therefor at the office of the President.

GEORGE CROMWELL, President.

THE CITY OF NEW YORK, July 10, 1903. j13,24

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

BOARD MEETINGS.

The Board of Estimate and Apportionment meet in the old Council Chamber (Room 16), City Hall, every Wednesday, during July and August, at 10.30 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., or at call of the Mayor.

N. TAYLOR PHILLIPS,
 Deputy Comptroller, Secretary.

FIRE DEPARTMENT.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10 o'clock a. m., on

WEDNESDAY, AUGUST 5, 1903.

Boroughs of Brooklyn and Queens.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS AND ALTERATIONS TO THE FIREBOAT "SETH LOW," ENGINE COMPANY NO. 123.

The time for the completion of the work and the full performance of the contract is 20 days.
 The amount of security required is one thousand dollars (\$1,000).

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

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

THOMAS STURGIS, Fire Commissioner.
 Dated July 23, 1903. j24,25

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

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10 o'clock a. m., on

WEDNESDAY, AUGUST 5, 1903.

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING AND DELIVERING REPAIR SHOP SUPPLIES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is 120 days.

The amount of security required is 50 per cent. (50 per cent.) of the amount of the bid or estimate.

Boroughs of Brooklyn and Queens.

No. 1. FOR FURNISHING AND DELIVERING—

667,000 pounds No. 1 hay.

216,000 pounds No. 1 rye straw.

783,000 pounds No. 2 white clipped oats.

108,000 pounds bran.

The time for the delivery of the articles, materials and supplies and the performance of the contract is 180 days.

The amount of security required is ten thousand dollars (\$10,000).

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 for Repair Shop supplies and at a lump or aggregate sum for hay, straw, oats and bran.

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

THOMAS STURGIS, Fire Commissioner.
 Dated July 23, 1903. j24,25

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

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, 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

MONDAY, AUGUST 3, 1903.

Boroughs of Brooklyn and Queens.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR GENERAL REPAIRS AND ALTERATIONS TO QUARTERS OF ENGINE COMPANY 120, AT NO. 532 ELEVENTH STREET.

The time for the completion of the work and the full performance of the contract is 45 days.

The amount of security required is \$1,000.

Bids will be compared and the contract 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 and further information 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, and at the office of the Fire Department, Nos. 365 and 367 Jay street, Brooklyn.

THOMAS STURGIS, Fire Commissioner.
 Dated July 18, 1903. j15,23

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

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, 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

MONDAY, JULY 27, 1903.

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW BUILDING FOR ENGINE COMPANY 77, ON THE EASTERLY SIDE OF BRIGGS AVENUE, 120 FEET 6 INCHES SOUTH OF TWO HUNDRETH STREET.

The time for the completion of the work and the full performance of the contract is 150 days.

The amount of security required is \$15,000.

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

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATIONS OF THE HEADQUARTERS BUILDING, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET.

The time for the delivery of the articles, materials and supplies and the performance of the contract is 30 days.

The amount of security required is \$2,000.

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

THOMAS STURGIS, Fire Commissioner.
 Dated July 14, 1903. j15,27

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

HEADQUARTERS FIRE DEPARTMENT, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, July 10, 1903.

CHARLES BUERMANN & CO., AUCTIONEERS, on behalf of the Fire Department of the City of New York, will offer for sale at public auction to the highest bidder for cash, on the grounds of the New York Catholic Protectory, Van Nest, Borough of The Bronx, on

FRIDAY, JULY 24, 1903,

at 10 o'clock a. m., the following property of the Department:

Lot No. 1. 1 second class Amoskeag U tank engine, Registered No. 165 (with Clapp & Jones boiler).

Lot No. 2. 1 two-wheel hook and ladder truck (complete).

Lot No. 3. 1 Gleason & Bailey hose carriage.

Lot No. 4. 1 hose jumper.

Lot No. 5. 15 lengths rubber hose.

Lot No. 6. 15 lengths canvas hose.

Each lot will be sold separately.

The right to reject all bids is reserved.

The highest bidder for each lot, in case the bid is accepted, will be required to pay for the same in cash at the time of sale, and must remove the articles within twenty-four hours thereafter.

All the above property may be seen at any time before day of sale at the place above specified.

THOMAS STURGIS, Fire Commissioner.
 j10,24

HEADQUARTERS FIRE DEPARTMENT, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, July 10, 1903.

CHARLES BUERMANN & CO., AUCTIONEERS, on behalf of the Fire Department of the City of New York, will offer for sale at public auction to the highest bidder for cash, on the grounds of the Mission of the Immaculate Virgin, at Mount Loretto, Pleasant Plains, Borough of Richmond, the following property of the Department, on

SATURDAY, JULY 25, 1903,

at 10 o'clock a. m.

Lot No. 1. 1 Amoskeag engine, Registered No. 363.

Lot No. 2. 1 hook and ladder truck, Registered No. 20 (small).

Lot No. 3. 1 four-wheel tender, Registered No. 174.

Lot No. 4. 38 lengths 2 1/2-inch rubber and cotton hose.

Lot No. 5. 1 15-foot ladder.

Lot No. 6. 1 20-foot ladder.

Lot No. 7. 2 25-foot ladders.

Lot No. 8. 1 30-foot ladder.

Lot No. 9. 1 35-foot ladder.

Lot No. 10. 1 50-foot extension ladder.

Lot No. 11. 1 15-foot junior ladder.

Lot No. 12. 1 8-foot hook.

Lot No. 13. 4 open nozzles.

Lot No. 14. 6 engine wrenches.

Each lot will be sold separately.

The right to reject all bids is reserved.

The highest bidder for each lot, in case the bid is accepted, will be required to pay for the same in cash at the time of sale, and must remove the articles within twenty-four hours thereafter.

All of the above property may be seen at any time before day of sale at the place above specified.

THOMAS STURGIS, Fire Commissioner.
 j10,24

BOARD OF ARMORY COMMISSIONERS.

ARMORY BOARD, STEWART BUILDING, No. 280 BROADWAY.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Mayor, Chairman of the Armory Board, in The City of New York, until 2 o'clock p. m.,

FRIDAY, JULY 31, 1903.

FOR ERECTION AND COMPLETION OF THE SEVENTY-FIRST REGIMENT ARMORY BUILDING OF THE N. G. N. Y., IN THE BOROUGH OF MANHATTAN, IN THE CITY OF NEW YORK, AT THE SOUTHEAST CORNER OF FOURTH AVENUE AND THIRTY-FOURTH STREET, AS HEREINAFTER SPECIFIED.

The time allowed for doing and completing the work will be three hundred (300) working days.

The security required will be one hundred thousand dollars (\$100,000).

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

Bidders are requested to make their bids or estimates upon the blank form prepared by the Armory Board, 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 therefor at the office of the said Board, where the plans which are made a part of the specifications can be seen.

THE ARMORY BOARD,

SETH LOW,

Mayor;

JAMES MCLEER,

Brigadier-General, Commanding First Brigade;

The time for the completion of the work and the full performance of all the contracts is 90 working days.

The amount of security required is as follows:
No. 1. Eighth Regiment, \$2,500.
No. 2. Seventy-first Regiment, \$1,500.
No. 3. First Battery, \$1,000.

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

Bidders are requested to make their bids or estimates upon the blank form prepared by the Armory Board, 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 therefor at the office of the said Board, where the plans which are made a part of the specifications can be seen.

THE ARMORY BOARD, SETH LOW,

Mayor:
JAMES McLEER,
Brigadier-General, Commanding First Brigade;
GEORGE MOORE SMITH,
Brigadier-General, Commanding Second Brigade;
JAMES L. WELLS,
President of the Department of Taxes and Assessments;

CHARLES V. FORNES,
President of the Board of Aldermen.

Dated July 14, 1903. j15.31

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

ARMORY BOARD, STEWART BUILDING, No. 280 BROADWAY.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Mayor, Chairman of the Armory Board, in the City of New York, until 2 o'clock p. m.,

FRIDAY, JULY 31, 1903.

FOR FURNISHING AND DELIVERING 3,400 GROSS TONS OF WHITE ASH ANTHRACITE COAL AND 30 CORDS OF PINE WOOD, AS HEREINAFTER SPECIFIED.

The time for the delivery of the coal and wood and the performance of the contract is by or before May 1, 1904.

The amount of security shall be fifteen hundred dollars (\$1,500) for coal and wood delivered in Manhattan and The Bronx.

The amount of security shall be fifteen hundred dollars (\$1,500) for coal and wood delivered in Brooklyn and Queens.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per ton or cord 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.

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 Armory Board, No. 280 Broadway, Stewart Building, Manhattan.

THE ARMORY BOARD, SETH LOW,

Mayor:
JAMES McLEER,
Brigadier-General, Commanding First Brigade;
GEORGE MOORE SMITH,
Brigadier-General, Commanding Second Brigade;
JAMES L. WELLS,
President of the Department of Taxes and Assessments;

CHARLES V. FORNES,
President of the Board of Aldermen.

THE CITY OF NEW YORK, July 14, 1903. j15.31

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

OFFICIAL BOROUGH PAPERS.

BOROUGH OF THE BRONX.
"North Side News," "Bronx Borough Record," "Westchester Globe."

BOROUGH OF RICHMOND.
"Staten Islander," "Staten Island World," "Staten Island News and Independent."

BOROUGH OF QUEENS.
"Long Island Daily Star," "Flushing Daily Times," "Flushing Evening Journal," "Newtown Register," "Jamaica Standard," "Rockaway News."

BOROUGH OF BROOKLYN.
"Brooklyn Weekly News," "Flatbush Weekly News," "Brooklyn Eagle," "Brooklyn Times," "Brooklyn Citizen," "Brooklyn Standard Union," "Brooklyn Free Press."

BOROUGH OF MANHATTAN.
"Harlem Local Reporter" (Harlem District), "Harlem Local and Life" (Morningside Heights and Harlem Districts).

BOARD OF ALDERMEN.

AN ORDINANCE GRANTING TO THE Ocean Electric Railway Company the right or franchise to construct and operate a street surface railway in, upon and along certain streets and highways and bridges in The City of New York.

Be it ordained by the Board of Aldermen of The City of New York, as follows:

Section 1. The Board of Aldermen of The City of New York hereby grants to the Ocean Electric Railway Company, subject to the conditions and provisions hereinafter set forth, the franchise, right and privilege to construct and operate a double-track surface railway, with all connections, turnouts, switches, crossovers and suitable stands necessary for the accommodation and operation of said railway, by the overhead system of electricity, or any other motive power which may be lawfully employed upon the same, in, upon and along the following named streets and highways and bridges, all situated in the Borough of Queens, City and State of New York, set forth in the following description of route:

Beginning at the termination of the existing railroad tracks on Washington avenue, so-called, in Rockaway Park upon Rockaway Beach, in the Fifth Ward of the Borough of Queens; running from thence in an easterly and southerly direction along Eastern avenue to the Boulevard; thence easterly along the Boulevard to Park avenue; and thence northerly along Park avenue to the existing right of way and railroad track of the New York and Rockaway Beach Railroad Company in what is now known as Hammels in said Fifth Ward of the Borough of Queens and City of New York.

Being a distance of about 9,430 feet or 1.8 miles.

And with the right or franchise to cross such other streets and highways and bridges (named and unnamed) as may be encountered in said route.

Section 2. The grant of this franchise is subject to the following conditions:

First—The consent in writing of the owners of half in value of the property bounded on said streets and highways and bridges to the con-

struction and operation of said railway shall be obtained by the grantee, or in the event that such consent cannot be obtained, the grantee shall obtain the favorable determination, confirmed by the Court, of three Commissioners, appointed by the Appellate Division of the Supreme Court, in the manner provided by the Railroad Law, before said railway is built or operated.

Second—The said right, privilege and franchise to construct and operate said railway shall be held and enjoyed by said railway company, its lessee or successors, for the term of twenty-five years from the date when this ordinance is signed by the Mayor, with the privilege of renewal of said grant for a further period of twenty-five years upon a fair revaluation of said right, privilege and franchise, but such renewal shall not provide for any further renewal. Such revaluation shall be of the right, privilege and franchise to maintain and operate said railway by itself, and shall not include any valuation derived from the ownership, operation or control of any other railroad by the grantee, its successors or assigns. It shall be made in the following manner:

One disinterested freeholder shall be chosen by the Board of Estimate and Apportionment or its successors in authority; one disinterested freeholder shall be chosen by the railway company; these two shall choose a third disinterested freeholder; and the three so chosen shall act as appraisers and shall make the revaluations aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of the grant, and their report shall be filed with the Comptroller or his successor in authority within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience, and upon such information as they may obtain by inquiries and investigations without the presence of either party. They shall have the right to examine the books of the railway company. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but shall not in any event be less than the minimum amount fixed as the sum to be paid annually for the last five years of the original franchise.

Third—Upon the termination of the said franchise, right or privilege, whether original or renewal, if the Board of Estimate and Apportionment of The City of New York, or its successors in authority shall so desire, there shall be a fair valuation of the plant and property of the grantee necessary for traction purposes upon the said streets and highways and bridges, including equipment, tracks and appurtenances, which plant and property shall be and become the property of The City of New York at the option of the said Board of Estimate and Apportionment, or its successors in authority, on the termination of such grant and the payment to the grantee of such valuation. The valuation shall be based upon a fair appraisal of the property, excluding any value derived from the franchise, and such value shall be determined by the Board of Estimate and Apportionment, or its successors in authority.

Fourth—The Ocean Electric Railway Company, its successors or assigns, shall pay for this franchise to The City of New York the following sums of money: During the first term of five years an annual sum which shall in no case be less than \$500, and which shall be equal to three per cent. of its gross annual receipts from the route constructed under this ordinance, if such percentage shall exceed the sum of \$500. During the next term of five years an annual sum which shall not be less than \$1,000, and which shall be equal to five per cent. of its gross annual receipts as above, if such percentage shall exceed the sum of \$1,000; during the remaining fifteen years of the term a sum of money not less than \$1,000 per annum and which shall be fixed and determined by the Board of Estimate and Apportionment, or its successors in authority at least three months prior to the expiration of the first ten years of this franchise. The gross receipts to be computed in the manner provided in section 95 of the Railroad Law.

Such sums shall be paid into the treasury of The City of New York on November 1 in each year; provided, however, that the first payment shall only be for that proportion of the above sums as the time from the signing of this ordinance by the Mayor to September 30 next preceding said date of payment shall bear to the whole of one year. The fiscal year shall end on September 30 next preceding said date of payment and the provisions of the Railroad Law as it existed at the time of the adoption of this ordinance relating to the manner of payments and statements of percentages of gross receipts of street railway companies shall, as to said railway, be strictly followed. The intention of this paragraph is to fix an annual charge to be paid by the grantee, its successors or assigns, to The City of New York for the rights and franchise hereby granted, and it shall not be construed as providing for the payment by the grantee, its successors or assigns, for said franchise, of a percentage of gross receipts within the meaning of any general or special statute.

Fifth—The said annual charge or payment shall continue throughout the whole term of the franchise hereby granted, whether original or renewal, notwithstanding any clause in any statute or in the charter of any other railway company providing for payments for street railway rights or franchises at a different rate, and no assignment, lease or sublease of the rights or franchises hereby granted, whether original or renewal, or of any part thereof, or of any part of the route mentioned herein or of any part thereof shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this grant, and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said condition as to payments, anything in any statute or the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives, so far as this franchise is concerned, any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof, or otherwise, exemption from liability to perform each and all of the conditions of this grant.

Sixth—The railway and other structures constructed by the grantee, its successors or assigns under this ordinance, shall in all respects comply with the provisions of chapter 686 of the Laws of 1894, as amended.

Seventh—The grantee, its successors or assigns, shall cause to be laid, under the supervision of the municipal authorities having jurisdiction in such matters, upon and along the public highway known as the Boulevard, as hereinbefore described, a good and sufficient macadamized pavement of a depth of not less than eight inches, to extend from either side of the present macadamized pavement to the curb line on the north and south sides of the said Boulevard.

The grantee shall pay the entire cost thereof, together with the cost of the necessary inspection, and no cars shall be operated under this franchise over any part of the route hereby granted, until the said pavement is fully and completely laid.

Eighth—The rights and franchises granted hereby shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Ocean Electric Railway Company, its successors or assigns, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of The City of New York, acting by the Board of Estimate and Apportionment, or its suc-

cessors in authority, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Ninth—The said railway may be operated by overhead electrical power, substantially similar to the system of overhead electrical traction now in use by the New York and North Shore Railway Company, or by the underground electric system now in use by the Interurban Street Railway Company in the Borough of Manhattan, and by any other motive power, except locomotive steam power or horse-power, which may be approved by the Board of Railroad Commissioners, and consented to by the owners of property, in accordance with the provisions of the Railroad Law.

Tenth—The said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of The City of New York, who have jurisdiction in such matters under the Charter of the City.

Eleventh—Said railway shall be constructed and operated in the latest improved manner of street railway construction and operation, and the railway and property of said company shall be maintained in good condition throughout the term of this grant.

Twelfth—The rate of fare for any passenger upon said railway shall not exceed five cents between Far Rockaway, and any point westerly thereof.

Thirteenth—The cars on the said lines as proposed shall run at intervals of not more than one hour, both day and night, and as much oftener as the reasonable convenience of the public may require or as may be directed by the City ordinances; provided, however, that said railway company during the first five years of this franchise shall not be required to operate its cars on any of its lines within The City of New York between the hours of 12.30 and 4.30 o'clock a. m., each day between the first day of May and the first day of November in each year, and between 12 o'clock midnight and 6 o'clock a. m. during the balance of the year, unless the Board of Estimate and Apportionment of said City shall determine after a hearing had thereon that public convenience requires the operation of its cars during said hours.

Fourteenth—The said railway company shall apply to each car run over said railway a proper fender and wheelguard in conformity to such laws and ordinances as are now in force or may hereafter be enacted or adopted by the State or City authorities.

Fifteenth—All cars on said railway shall be heated through the cold weather in conformity to such laws and ordinances as are now in force, or may hereafter be enacted or adopted by the State or City authorities, and each car shall be well lighted either by the Pintsch gas system or by electricity, or by some system of lighting equally efficient.

Sixteenth—The said company shall at all times keep the street between its tracks, and for a distance of two feet beyond the rails upon either side of said streets, free and clear from ice and snow.

Seventeenth—The said railway company, as long as it shall continue to use any of the tracks upon said streets and highways and bridges, shall have and keep in permanent repair that portion of the surface of said streets and highways and bridges, between its tracks, the rails of its tracks and two feet in width outside of its tracks, under the supervision of the proper local authorities, and whenever required by them to do so, and in such manner as they may prescribe. And The City of New York shall have the right to change the material or character of the pavement of any street and highway and bridge, and in that event the grantee, its successors or assigns, shall be bound to replace such pavement in the manner directed by the proper city officer at its own expense, and the provision as to repairs herein contained shall apply to such renewed or altered pavement.

Eighteenth—The said railway company, its successors or assigns, so long as it shall continue to use any of the tracks upon the streets and highways and bridges hereby granted, shall cause the entire roadway of each of the same to be watered at least three times in every twenty-four hours when the thermometer is above 35 degrees Fahrenheit, except that when the width of any roadway between curb lines shall exceed 60 feet, then a roadway of but 60 feet shall be watered as above.

Nineteenth—In case of any violation or breach or failure to comply with any of the provisions herein contained this grant may be forfeited and avoided by The City of New York, by a suit brought by the Corporation Counsel on notice of ten days to the said railway company.

Twentieth—If any of the streets and highways and bridges above referred to, or described, shall not now be open or in use as public highways, no right or franchise therein shall vest in the grantee by virtue of this ordinance until after such streets and highways and bridges shall be legally opened as a public highway, and such right or franchise shall expire at the end of the term created by this ordinance as above set forth. Nothing in this ordinance contained shall be construed as an obligation on The City of New York, in respect to the opening of such streets and highways and bridges, nor as in any manner granting property or rights of any kind in or upon its lands now owned or occupied by it under any title, except only the public streets and highways and bridges in the usual acceptance of such terms, which are specifically referred to above.

Section 3. This grant is also upon the further and express condition that the provisions of article 4 of the Railroad Law, as it existed at the time of the adoption of this ordinance applicable thereto, and all laws or ordinances now in force or which may be adopted hereafter affecting the surface railways operating in The City of New York shall be strictly complied with.

Section 4. This grant is also upon the further and express condition that at any time after five years from the commencement of the operation of any portion of the railway hereby granted, the Board of Estimate and Apportionment, or its successors in authority, if it deems it necessary in the public interest so to do may require the grantee, its successors or assigns, in case the railway upon any portion of the routes above described shall consist of a single track, to construct and operate a second track upon any or all of the routes hereby granted, whether on streets, highways and bridges or upon any private property or right-of-way included in any of such routes so as to make a double-track railway.

Section 5. Said grantee shall commence construction within three months from the date when it has obtained complete legal authority to begin construction, including necessary permits from the city officials and departments, and shall complete the construction of a single track railway upon all of the route hereby granted on or before July 1, 1904, otherwise this grant shall be thereupon forthwith and immediately forfeited, without judicial or other proceedings. If upon the route above described, or upon any portion thereof, there shall not be constructed and in actual operation by July 1, 1904, a railway properly equipped and operated as provided by this ordinance, the said route or portion thereof shall be conclusively taken to have been abandoned by the company, and so much of the rights and franchises hereby granted as pertain to such route or portion thereof, not then constructed from and after July 1, 1904, shall be thereupon forthwith and immediately forfeited, without judicial or other proceedings. Provided that such time may be

extended upon the same conditions as to forfeiture under and for causes specified in section 99 of the Railroad Law, as it now exists, and by a properly executed instrument in writing; and the Board of Estimate and Apportionment may similarly extend such time for a period or periods not exceeding one year, if, in their discretion, it seems best so to do, and that the city officials or departments who or which shall at the time of such construction have authority over the said streets and highways and bridges, may similarly extend, by properly executed instrument in writing, such time for a period or periods not exceeding one year further, if reasonable, in their judgment, by reason of requirements as to the manner of construction imposed by the city officials.

Section 6. If for any reason the right or franchise of the grantee in any of the streets, highways and bridges above described shall cease, or if for a period of six successive months the railway tracks upon any of such streets, highways and bridges shall not be operated as provided for in this ordinance, the Comptroller of The City of New York may require the grantee, its successors or assigns, to remove its tracks and other structures upon such streets, highways and bridges within thirty days after notice, and in default of their removal pursuant to such notice, the proper local authorities having jurisdiction may cause them to be removed and The City of New York may recover the cost and expense of such removal, either by deducting them from the fund deposited as required in section 7 hereof, or by action; and the rights and franchises of the grantee, its successors or assigns, in such portions of the streets, highways and bridges, in case any such exist, shall forthwith and immediately cease upon the removal of such tracks or structures and without judicial or other proceedings.

Section 7. This grant is upon the express condition that the Ocean Electric Railway Company, within thirty days after the said company has been duly authorized to operate its railway and before anything is done in exercise of the rights conferred thereby, shall deposit with the Comptroller of The City of New York the sum of two thousand dollars, either in money or in securities to be approved by him, which fund shall be security for the performance by such company of the terms and conditions of this grant, especially those which relate to the payment of the annual charge for the franchise, the repairs of the street pavement and the removal of snow and ice, and the quality of construction of the railway, and, in case of default in the performance by said company of such terms and conditions, The City of New York shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings, or after default in the payment of the annual charges shall collect the same with interest from such fund after ten days' notice in writing to the said company. Or in case of failure to keep the said terms and conditions of this grant relating to the headways of cars, fenders and wheel guards and the heating of the cars and the watering of the streets, the said company shall pay a penalty of \$50 a day for each day of violation, and the further sum of \$10 a day for each car which shall not properly be heated or supplied with fenders and wheel guards in case of the violation of the provisions relating to those matters. In case of any drafts so made upon this security fund, the said company shall, upon thirty days' notice, in writing, pay to the Comptroller of The City of New York a sum of money sufficient to restore the said fund to the original amount of two thousand dollars, and in default thereof the grant hereby made may be canceled and annulled at the option of the Comptroller of The City of New York, acting on behalf of said City. No action or proceeding or rights under the provisions of this section shall affect any other legal rights, remedies or causes of action belonging to The City of New York.

Section 8. This grant shall not become operative until said railway company shall duly execute, under its corporate seal, an instrument in writing wherein said company shall promise, covenant and agree on its part and behalf to conform to and abide by and perform all the terms and conditions and requirements in this ordinance fixed and contained, and file the same in the office of the Comptroller of The City of New York within ten days after the adoption of this ordinance.

Section 9. This ordinance shall take effect immediately.

THE CITY OF NEW YORK—OFFICE OF THE CITY CLERK, NEW YORK, July 8, 1903.

The foregoing proposed ordinance and grant of franchise was approved by resolution of the Board of Estimate and Apportionment, adopted July 1, 1903. It was received by the Board of Aldermen July 7, 1903, and on that day a resolution was adopted by the Board of Aldermen appointing the 21st day of July, 1903, for the consideration of the subject matter of said ordinance.

j19.31 P. J. SCULLY, City Clerk.

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, JULY 30, 1903.

Borough of Manhattan.

No. 1. FOR WORK AND MATERIALS FOR THE ERECTION AND COMPLETION OF THE PAVILION TO BE ERECTED IN THOMAS JEFFERSON PARK, ONE HUNDRED AND ELEVENTH STREET AND EAST RIVER.

The amount of security required is twenty thousand dollars.

The time allowed to complete the whole work will be eight calendar months.

No. 2. FOR FURNISHING AND DELIVERING FRESH BEEF FOR THE CENTRAL PARK MENAGERIE.

The amount of security required is one thousand dollars.

The time allowed to complete the whole work will be until December 31, 1903.

The contracts must be bid for separately.

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

Blank forms may be obtained and plans may be seen at the office of the Department of the Parks, the Arsenal, Central Park.

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

Dated July 17, 1903. j18.30

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

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, JULY 30, 1903.

Boroughs of Brooklyn and Queens.
FOR FURNISHING AND DELIVERING STANDARD QUALITY VITRIFIED SEWER PIPE, TO BE DELIVERED ON PARKS AND PARKWAYS.

The time for the delivery of the materials and the full completion of the contract is as required within thirty days.

The amount of security required is seven hundred and fifty dollars.

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

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

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

Dated July 16, 1903. j18,30

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

AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONER'S OFFICE, ROOM 207, STEWART BUILDING, No. 280 BROADWAY, NEW YORK, July, 1903.

BIDS OR PROPOSALS.

SEALED BIDS OR PROPOSALS WILL BE received by the Aqueduct Commissioners at the above office until 12 o'clock noon, on

TUESDAY, AUGUST 11, 1903.

FOR BUILDING TWENTY-SIX (26) THREE FEET BY SIX FEET SLUICE GATES, WITH THE NECESSARY LIFTING MACHINERY, REQUIRED AT THE NEW GATE HOUSE AT THE OLD CROTON DAM.

The security required will be ten thousand dollars.

The work shall be entirely completed to the satisfaction of the Aqueduct Commissioners on or before December 1, 1903.

The work is authorized by chapter 490, Laws of 1883, State of New York, and the amendments thereto.

The person or party making a bid or estimate shall furnish the same in a sealed envelope, indorsed with the title given above, of the work for which the estimate is made, with his or their name or names and the date of the presentation to the Aqueduct Commissioners, at the said office, on or before the date and hour above named, at which time and place the estimates received will be publicly opened by the Aqueduct Commissioners and read, and the award of the contract made according to law, as soon thereafter as practicable. The person or persons to whom the contract may be awarded will be required to attend at said office with the sureties offered by him or them, and to execute the contract within five days from the date of the service of a notice to the effect that the contract has been so awarded and the surety accepted; and in the case of failure or neglect so to do, he or they will be considered as having abandoned it, and in default to the City, under the provisions of section 29 of chapter 490, Laws of 1883; and thereupon the work will be readvertised and relet. The work must be commenced within ten days after the signing of the contract and sealing of the contract.

Twenty-six 3 feet by 6 feet sluice gates, with the necessary frames, guides, stem guides, stems, pedestal and lifting machinery.

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing statement, and they shall not, at any time after the submission of their bid, dispute or complain of such statement or estimate of the Engineer, or assert that there was any misunderstanding in regard to the nature or amount of work to be done or the materials to be furnished.

The prices submitted are to cover the cost of furnishing all the necessary materials and labor and the performance of all the work set forth in the specifications and form of contract annexed to the contract.

Any bid which fails to name a price, both in writing and in figures, per sluice gate and appurtenances, may be held to be informal and may be rejected, and in case of any discrepancy between the price written in the bid and that given in figures, the price in writing will be considered as the bid.

Bidders will be required to complete the entire work to the satisfaction of the Aqueduct Commissioners, and in strict accordance with the specifications annexed to the contract. No extra compensation beyond the amount payable for the work and materials before enumerated, which shall be actually performed and furnished at the price therefor hereinafter stated, shall be due or payable for the entire work and materials.

For particulars as to the quantity and quality of the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications annexed to the contract.

Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the Aqueduct Commissioners to reject all bids if they shall deem it for public interest so to do. No bid will 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 of New York.

Bidders are required to state in their estimates, under oath, their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested they shall distinctly state the fact; also that it is made without any connection with any other person making any bid or estimate for the same purpose, and that it is in all respects fair and without collusion or fraud, and 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 therein 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, with their respective places of residence or business, or of a guaranty or surety company, duly authorized by law to act as surety, to the effect that if the contract be awarded to the person making the bid, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the City any difference between the sum to which he would be entitled upon its completion and that which the City may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the

bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the surety required for the completion of the contract as stated in the proposals, over and above all his debts of every nature, and over and above all his liabilities as bail, surety or otherwise; and that he has offered himself as surety in good faith, and with an intention to execute the bond required by law; and a like affidavit as to sufficiency shall be required of an officer of any company so consenting. The adequacy and sufficiency of the security offered will be subject to the approval of the Comptroller of the City of New York after the award is made and prior to signing the contract.

No bid will be received or considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum (5 per centum) of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the department who has charge of the estimate box, and no bid can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same after the contract is awarded. If the successful bidder shall refuse or neglect to execute the same within ten days after notice that the contract has been awarded to him, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Aqueduct Commissioners, 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 therefor at the office of the Aqueduct Commissioners, and any further information can be obtained at the office of the Aqueduct Commissioners, No. 280 Broadway, Borough of Manhattan, The City of New York.

WILLIAM H. TEN EYCK, President.
HARRY W. WALKER, Secretary. j24,a11

DEPARTMENT OF PUBLIC CHARITIES.

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 m., on

THURSDAY, AUGUST 6, 1903.

CONTRACT No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO ALTER PRESENT BOILER HOUSE, BUILD ADDITION TO SAME, RUN STEAM RETURN AND HOT WATER MAINS IN A CONDUIT AND COLD WATER MAIN TO SUPPLY THE DIFFERENT BUILDINGS ON THE METROPOLITAN HOSPITAL GROUNDS, BLACKWELL'S ISLAND.

CONTRACT No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR PROVIDING AND SETTING UP LAUNDRY MACHINERY IN THE CENTRAL POWER HOUSE AND LAUNDRY BUILDING, BLACKWELL'S ISLAND.

The time allowed for the completion of the work and full performance of each contract is one hundred (100) consecutive working days for Contract No. 1, and sixty (60) consecutive working days for Contract No. 2.

The security required will be—on Contract No. 1, thirty thousand dollars (\$30,000), and on Contract No. 2, five thousand dollars (\$5,000).

The bidder will state one aggregate price for each contract described and specified, as each contract is for a complete job.

Blank forms and further information may be obtained at the office of the Supervising Engineer of the Department, foot of East Twenty-sixth street, The City of New York, where plans and specifications may be seen.

HOMER FOLKS, Commissioner. j24,a6

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

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 m., on

THURSDAY, JULY 30, 1903.

FOR FURNISHING LABOR AND MATERIALS REQUIRED TO ERECT ONE KIRK-BENDER FIRE ESCAPE AT CITY HOSPITAL, BLACKWELL'S ISLAND.

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

The security required will be six hundred dollars (\$600).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Supervising Engineer of the Department, foot of East Twenty-sixth street, The City of New York, where plans and specifications may be seen.

HOMER FOLKS, Commissioner. j18,30

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

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 m. on

MONDAY, JULY 27, 1903.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW DRUG STORE BUILDING AND NEW MORGUE BUILDING AT THE NEW YORK CITY CHILDREN'S HOSPITALS AND SCHOOLS, RANDALL'S ISLAND.

No. 2. FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ALTERATIONS AND REPAIRS TO THE OFFICE BUILDING AT THE NEW YORK CITY CHILDREN'S HOSPITALS AND SCHOOLS, RANDALL'S ISLAND.

The time allowed for the completion of the work and full performance of each contract is seventy-five (75) consecutive working days.

The security required will be—on Contract No. 1, three thousand dollars (\$3,000); and on Contract No. 2, fifteen hundred dollars (\$1,500).

The bidder will state one aggregate price for each contract described and specified, as each contract is for a complete job.

Blank forms and further information may be obtained at the office of Renwick, Aspinwall & Owen, Architects, No. 367 Fifth Avenue, The City of New York, where plans and specifications may be seen.

HOMER FOLKS, Commissioner. j16,26

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

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 m., on

MONDAY, JULY 27, 1903.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO MAKE ALTERATIONS TO OFFICE BUILDING ON THE EAST END OF PIER AT FOOT OF EAST TWENTY-SIXTH STREET.

The time allowed for the completion of the work and full performance of the contract is forty (40) consecutive working days.

The security required will be one thousand dollars (\$1,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Supervising Engineer of the Department, foot of East Twenty-sixth street, The City of New York, where plans and specifications may be seen.

HOMER FOLKS, Commissioner. j14,27

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

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, JULY 30, 1903.

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING AND DELIVERING DISC TYPE WATER METERS.

The time allowed for completing the delivery of the above supplies and the performance of the contract will be thirty days.

The amount of security required will be \$1,000.

No. 2. FOR FURNISHING AND DELIVERING ROTARY TYPE WATER METERS.

The time allowed for completing the delivery of the above supplies and the performance of the contract will be ninety days.

The amount of security required will be \$7,000.

Borough of Queens.

No. 3. FOR FURNISHING MATERIALS AND DRIVING WELLS AT PUMPING STATION No. 3, IN THE FIRST WARD, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be fifty days.

The amount of security will be two thousand dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per meter, linear foot or other unit of measure, by which the bids will be tested.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

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

Blank forms may be obtained at the office of the Department of Water Supply, Gas and Electricity, the Borough of Manhattan, Nos. 13 to 21 Park row.

ROBERT GRIER MONROE, Commissioner. j20,30

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

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, JULY 30, 1903.

Borough of Brooklyn.

FOR FURNISHING ALL THE NECESSARY MATERIALS AND CONSTRUCTING TWO FILTER BEDS WITH ALL THEIR APPURTENANCES COMPLETE, AT THE UPPER POND NEAR THE FOREST STREAM PUMP-ING STATION, ROSEDALE, L. I., INCLUDING THE REMOVAL OF MUCK FROM THE BED OF THE PONDS.

The time allowed for doing and completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be twenty thousand dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per cubic yard, linear foot, or other unit of measure, by which the bids will be tested.

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

Blank forms may be obtained at the office of the Department of Water Supply, Gas and Electricity, the Borough of Manhattan, Nos. 13 to 21 Park row, and at the office of the Deputy Commissioner for the Borough of Brooklyn, Room 28, Municipal Building, Brooklyn.

ROBERT GRIER MONROE, Commissioner. j18,30

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

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

TUESDAY, JULY 28, 1903.

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING, DELIVERING AND LAYING MAINS IN HONEYWELL,

NINETEENTH AND STEBBINS AVENUES, IN BELMONT, DAWSON, FOX, SEVENTY-SECOND, ONE HUNDRED AND SEVENTY-EIGHTH AND TWO HUNDRED AND THIRTY-THIRD STREETS, AND IN SOUTHERN BOULEVARD.

The time allowed to complete the whole work will be two hundred days.

The amount of security will be twenty thousand dollars.

No. 2. FOR FURNISHING AND DELIVERING LUBRICATING OILS.

The time allowed to complete the whole work will be until December 31, 1903.

The amount of security required will be one thousand dollars.

Borough of Queens.

No. 3. FOR FURNISHING MATERIALS, BUILDING A FOUNDATION AND DISMANTLING, REMOVING AND REBUILDING A STAND-PIPE.

The time allowed to complete the whole work will be ninety days.

The amount of security required shall be three thousand dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per ton, linear foot, gallon, or other unit of measure, by which the bids will be tested.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

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

Blank forms may be obtained at the office of the Department of Water Supply, Gas and Electricity, Borough of Manhattan, Nos. 13 to 21 Park row.

ROBERT GRIER MONROE, Commissioner. j16,28

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

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, BUREAU OF WATER REGISTER, THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET, NEW YORK, July 1, 1903.

NOTICE TO HOUSE OWNERS AND LESSEES.

THE ANNUAL WATER RENTS FOR THE year beginning May 1, 1903, are now due and payable at the office of the Water Register, Third Avenue and One Hundred and Seventy-seventh street.

A penalty of five (5) per cent. will be added on all water rents remaining unpaid at the close of business on July 31, 1903.

JOHN G. BORGSTEDT, Water Register, j1,31
Borough of The Bronx.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, 13-21 PARK ROW, NEW YORK, June, 1903.

NOTICE TO HOUSE OWNERS AND LESSEES.

THE ANNUAL WATER RENTS FOR THE year beginning May 1, 1903, are now due, and payable at the office of the Water Register on the 15th floor of this building.

A penalty of five per cent. will be added on all water rents remaining unpaid at the close of business on July 31, 1903.

ROBERT A. KELLY, Water Register. j15

SUPREME COURT.

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 SIXTY-FIRST STREET, from Third Avenue to Sixth Avenue and from Seventh Avenue to Fort Hamilton Avenue, in the Thirtieth Ward, in the Borough of Brooklyn, in The City of New York, as the same has been heretofore laid out.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, at a Special Term thereof to be held for the hearing of motions, at the Kings County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 5th day of August, 1903, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Brooklyn, New York, July 24, 1903.

M. J. CRONIN,
ALEXANDER H. GEISMAR,
GEORGE T. MOON,
Commissioners.

CHAS. S. TABER, Clerk. j24,34

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to Pier, old 26, East River, in the Borough of Manhattan, City of New York, and all right, title and interest in and to said pier, or any portion thereof, not now owned by The City of New York, on the East River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I, to be held at the County Courthouse, in The City of New York, Borough of Manhattan, on the 3d day of August, 1903, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated New York, July 21, 1903. j22,31

JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the uplands and lands, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the

uplands and lands necessary to be taken for the improvement of the water front of The City of New York on the North river, between Thirtieth street and Fourteenth street, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund, and the Hudson river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Courthouse, in The City of New York, Borough of Manhattan, on the 3d day of August, 1903, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated New York, July 21, 1903.

j22,a1 JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, for the use of the public, to the block of land and premises bounded by First and Second avenues, East Thirty-fifth and East Thirty-sixth streets, in the Twenty-first Ward of the Borough of Manhattan, in The City of New York, required for the opening of a public park.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Courthouse, in The City of New York, Borough of Manhattan, on the 3d day of August, 1903, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated New York, July 21, 1903.

j22,a1 JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the uplands and lands, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the uplands and lands necessary to be taken for the improvement of the water front of The City of New York on the North river, between Fourteenth street and Fifteenth street, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund, and the Hudson river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Courthouse, in The City of New York, Borough of Manhattan, on the 3d day of August, 1903, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated New York, July 21, 1903.

j22,a1 JOSEPH M. SCHENCK, Clerk.

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 NINETY-SEVENTH STREET, from Fourth avenue to Fort Hamilton avenue, in the Thirtieth 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 objections thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 11th day of August, 1903, 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 12th day of August, 1903, at 10 o'clock a. m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 21st day of August, 1903.

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 westerly side of Fort Hamilton avenue distant 178 feet and 1 inch northerly from the northerly side of Ninety-seventh street, running thence westerly and parallel with Ninety-seventh street to the easterly side of Fourth avenue; thence across Fourth avenue to the southwesterly corner of Fourth avenue and Ninety-sixth street; thence westerly along the southerly side of Ninety-sixth street 100 feet; thence southerly and parallel with Fourth avenue to the middle line of the block between Ninety-sixth and Ninety-seventh streets; thence westerly along the middle line of the block between Ninety-sixth and Ninety-seventh streets to the middle line of the block between Third and Fourth avenues; thence southerly and along the middle line of the block between Third and Fourth

avenues to the middle line of the block between Ninety-seventh street and Marine avenue; thence easterly and along the middle line of the block between Ninety-seventh street and Marine avenue to the westerly side of Fourth avenue; thence across Fourth avenue to a point on the easterly side of Fourth avenue distant 150 feet southerly from the southerly side of Ninety-seventh street; thence easterly and parallel with Ninety-seventh street to the westerly side of Fort Hamilton avenue, and thence northerly along the westerly side of Fort Hamilton 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 Courthouse, in the Borough of Brooklyn, in The City of New York, on the 17th day of September, 1903, at the opening of the court on that day.

Dated Borough of Brooklyn, The City of New York, July 21, 1903.

JOSEPH MANNE,
Chairman;
THOMAS WALL,
JAMES T. FAGAN,
Commissioners.

CHARLES S. TABER, Clerk.

j21,a6

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 WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 20th day of August, 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 3d day of September, 1902, and indexed in the Index of Conveyances in Section No. 13, Blocks Nos. 4106, 4107, 4119, 4120, 4131, 4132, 4147, 4148, 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 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, No. 166 Montague street, 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 13th day of August, 1903, 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, July 21, 1903.

E. V. PARDESSUS,
GEO. H. McVEY,
WM. O. CAMPBELL,
Commissioners.

CHARLES S. TABER, Clerk.

j21-a12

In the matter of the application of The Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SEVENTIETH STREET (although not yet named by proper authority), from Jerome avenue to the western approach to the Concourse, and from the eastern approach to the Concourse to Morris avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-third and Twenty-fourth Wards of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 31st day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 21, 1903.

JOHN LARKIN,
CHARLES B. PAGE,
FREDERICK H. CALLBECK,
Commissioners.

JOHN P. DUNN, Clerk.

j21,31

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, tenements and hereditaments required for the widening of EAST TWO HUNDRED AND THIRTY-THIRD STREET (although not yet named by proper authority), between Webster avenue and the Bronx river, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, bearing date the 14th day of May, 1902, and duly entered in the office of the Clerk of the County of New York, at his office in the Borough of Manhattan, in The City

of New York, on the 2d day of June, 1903, a copy of which order was duly filed in the office of the Register of the County of New York, and indexed in the Index of Conveyances, Block Nos. 3360 and 3390, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order Clerk of the County of New York on the 2d day of June, 1903; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, fourteenth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of September, 1903, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, New York City, July 20, 1903.

FLOYD M. LORD,
PIERRE G. CARROLL,
WM. H. PEIRCE,
Commissioners.

JOHN P. DUNN, Clerk.

j20-a12

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, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND NINETY-FIRST STREET (although not yet named by proper authority), from Audubon avenue to Wadsworth avenue, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, bearing date the 14th day of May, 1903, and duly entered in the office of the Clerk of the County of New York, at his office, in the Borough of Manhattan, in The City of New York, on the 2d day of June, 1903, a copy of which order was duly filed in the office of the Register of the County of New York, and indexed in the Index of Conveyances, Block Nos. 2161 and 2169, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York on the 2d day of June, 1903, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4, of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, fourteenth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 11th day of September, 1903, at 4 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, New York City, July 18, 1903.

SAMUEL S. SLATER,
MORRIS J. HIRSCH,
EDWARD L. LITHAUER,
Commissioners.

JOHN P. DUNN, Clerk.

j18-a11

SECOND 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, tenements and hereditaments required for the opening and extending of NEREID AVENUE (although not yet named by proper authority), from White Plains road to Bronx river, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by orders of the Supreme Court, bearing date the 15th day

of May, 1903, and the 16th day of June, 1903, and duly entered in the office of the Clerk of the County of Kings, at his office, in the Borough of Brooklyn, in The City of New York, on the 16th day of May, 1903, and the 17th day of June, 1903, in the office of the Clerk of the County of New York, at his office, in the Borough of Manhattan, in The City of New York, on the 19th day of May, 1903, and the 18th day of June, 1903, and in the office of the Clerk of the County of Westchester, at his office, at White Plains, Westchester County, in The City of New York, on the 21st day of May, 1903, and the 20th day of June, 1903, a copy of which order was duly filed in the office of the Register of the County of New York and indexed in the Index of Conveyances, Annexed Territory, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application of the said order thereto attached, filed herein in the office of the Clerk of the County of Kings on the 16th day of May, 1903, in the office of the Clerk of the County of New York on the 19th day of May, 1903, and in the office of the Clerk of the County of Westchester on the 21st day of May, 1903, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4, of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, fourteenth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 10th day of September, 1903, at 1 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place, as we may appoint we will hear such owners in relation thereto and examine the proof of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, on behalf of The City of New York.

Dated Borough of Manhattan, New York, July 18, 1903.

JOHN J. BRADY,
HENRY A. COSTER,
Commissioners.

JOHN P. DUNN, Clerk.

j18,a11

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 BRIDGEWATER STREET, from Norman avenue to Meeker avenue, in the Seventeenth and Eighteenth Wards 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 amended 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 6th day of August, 1903, 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 7th day of August, 1903, at 10 o'clock a. m.

Second—That the amended 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 17th day of August, 1903.

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 formed by the intersection of the easterly side of Hausmann street with the westerly side of Front street; running thence easterly and at right angles to Front street 115 feet, more or less, to a point where the same intersects the prolongation of a line drawn parallel with Bridgewater street and distant 200 feet easterly therefrom; running thence southeasterly along said parallel line to the northwesterly side of Meeker avenue; running thence southwesterly along the northwesterly side of Meeker avenue to a point distant 217 feet, more or less, southwesterly of the southerly line of Bridgewater street; running thence northwesterly and parallel with Bridgewater street to the easterly side of Hausmann street; running thence northerly along the easterly side of Hausmann street 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 Courthouse in the Borough of Brooklyn in The City of New York, on the 10th day of September, 1903, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, July 17, 1903.

WILLIAM J. BOGENSHUTZ, Chairman;
FRANK W. CUMMISKEY,
ALBERT C. CUDWIN,
Commissioners.

CHAS. S. TABER, Clerk.

j17-a8

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to PAERDEGAT BASIN, from Flatlands avenue to Jamaica Bay, 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 17th day of June, 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 19th day of June, 1902, and indexed in the Index of Conveyances in Section No. 24, Block Nos. 7995, 8011, 8027, 8042, 8056, 8069, 8087, 8098; Section No. 23, Block No. 7763; Section No. 25, Block Nos. 8338, 8343, 8351, 8362, 8376, 8398, 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, No. 166 Montague street, 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 12th day of August, 1903, 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, July 17, 1903.

CHARLES E. FRANCIS,
SOLON BARBANELL,
J. GRATTON McMAHON,
Commissioners.

CHAS. S. TABER, Clerk.

j17, a8

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 WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 26th day of August, 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 3d day of September, 1902, and indexed in the Index of Conveyances in Section No. 18, Block Nos. 6053, 6054, 6069, 6070, 6090, 6091, 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, No. 166 Montague street, 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 11th day of August, 1903, 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, July 17, 1903.

THEO. B. GATES,
REUBEN L. HASKELL,
BERNARD L. MINTZ,
Commissioners.

CHARLES S. TABER, Clerk.

j17, a8

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, tenements and hereditaments required for the opening and extending of HARRISON AVENUE (although not yet named by proper authority), from the first drainage street lying northerly of Tremont avenue to East One Hundred and Eighty-first street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, bearing date the 14th day of May, 1903, and duly entered in the office

of the Clerk of the County of New York, at his office in the Borough of Manhattan in The City of New York, on the 2d day of June, 1903, a copy of which order was duly filed in the office of the Register of the County of New York, and indexed in the Index of Conveyances, Block Nos. 2868, 2869, 3206 and 3210, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of New York on the 2d day of June, 1903; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, fourteenth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 10th day of September, 1903, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, New York City, July 17, 1903.

JOHN J. BRADY,
HENRY A. COSTER,
JACQUES SPIEGEL,
Commissioners.

JOHN P. DUNN, Clerk.

j17, a9

SECOND 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 PALMER AVENUE (although not yet named by proper authority), from Richmond avenue to Heberton avenue, in the Third Ward, Borough of Richmond, City of New York.

PURSUANT TO THE STATUTES IN such cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions in the County Court-house, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Wednesday, the 29th day of July, 1903, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Palmer avenue (although not yet named by proper authority), from Richmond avenue to Heberton avenue, in the Third Ward, Borough of Richmond, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point on the easterly line of Richmond avenue distant 202.237 feet from the intersection of the southerly line of Post avenue and the easterly line of Richmond avenue; thence in a southeasterly direction and parallel to the south line of Post avenue and 200 feet distant therefrom, 639.627 feet to the westerly line of Heberton avenue at a point distant 201.084 feet from the intersection of the southerly line of Post avenue and the westerly line of Heberton avenue; thence southerly along the westerly line of Heberton avenue 50.271 feet; thence northwesterly and parallel to the first-mentioned line, and 50 feet distant therefrom, 641.171 feet to the easterly line of Richmond avenue; thence northerly along the easterly line of Richmond avenue 19.381 feet; thence still along the easterly line of Richmond avenue, deflecting to the west 11 degrees 16 minutes 28 seconds, 30.984 feet to the point or place of beginning.

Palmer avenue, from Richmond avenue to Heberton avenue, is shown on a map entitled "Plan and Profile showing the locating and laying out and the grades of Palmer avenue, from Richmond avenue to Heberton avenue, in the Third Ward, Borough of Richmond, City of New York, prepared by the President of the Borough of Richmond under authority of chapter 466 of the Laws of 1901," and filed in the offices of the President of the Borough of Richmond, the Corporation Counsel of The City of New York and the Clerk of the County of Richmond on or about the 20th day of April, 1903.

Dated New York, July 17, 1903.

GEORGE L. RIVES, Corporation Counsel,
No. 2 Tryon Row, Borough of Manhattan, New York City.

j17-20

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the uplands and lands, wharf property, wharfage rights, terms, easements and emoluments and privileges of and to the uplands and lands necessary to be taken for the improvement of the water front of The City of New York on the North river, between Fourteenth street and Fifteenth street, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund, and the Hudson river, pursuant to the plan heretofore adopted by the Board of

Docks and approved by the Commissioners of the Sinking Fund.

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 or wharf property, and all persons interested therein, or in any rights, privileges or interests pertaining thereto, 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 uplands, lands, lands under water, premises, buildings, tenements, hereditaments and wharf property affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us, at our office, Room No. 401, No. 258 Broadway, in the Borough of Manhattan, in The City of New York, on or before the 6th day of August, 1903, 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 10th day of August, 1903, at 11 o'clock in the forenoon of that day.

Second.—That the abstract of our said estimate and assessment, together with our damage maps, and also 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, at the office of said Bureau, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 15th day of August, 1903.

Third.—That our report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 24th day of August, 1903, 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 Manhattan, New York City, July 16, 1903.

SAMUEL J. FOLEY,
Chairman;
HENRY THOMPSON,
RICHARD H. MITCHELL,
Commissioners.

JOSEPH M. SCHENCK, Clerk.

j17,a3

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, tenements and hereditaments required for the opening and extending EAST TWO HUNDRED AND FIFTH STREET (although not yet named by proper authority), from Jerome avenue to Moshulu Parkway South, in the Twenty-fourth Ward, Borough of The Bronx, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a special term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 30th day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 17, 1903.

ROBT. E. DEYO,
SAML. SANDERS,
WILLIAM S. RODIE,
Commissioners.

JOHN P. DUNN, Clerk.

j17,28

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 EAST ONE HUNDRED AND SIXTY EIGHTH STREET (although not yet named by proper authority), from Webster avenue to Morris avenue, in the Twenty-third Ward, Borough of The Bronx, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a special term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 30th day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 17, 1903.

MICHL. J. SCANLON,
PATRICK J. CASEY,
HARTWELL A. WILKINS,
Commissioners.

JOHN P. DUNN, Clerk.

j17,28

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, tenements and hereditaments required for the opening and extending HARRISON AVENUE (although not yet named by proper authority), from Tremont avenue northerly to the first intersecting drainage street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a special term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 30th day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 17, 1903.

WILBER MCBRIDE,
EMANUEL BLUMENSTEIL,
PATRICK MACKEY,
Commissioners.

JOHN P. DUNN, Clerk.

j17,28

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 MAPES AVENUE (although not yet named by proper authority), from East One Hundred and Seventy-seventh street to East One Hundred and Eighty-second street, in the Twenty-fourth Ward, Borough of The Bronx, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a special term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 30th day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 17, 1903.

GEORGE F. LANGBEIN,
GROSVENOR S. HUBBARD,
JAMES J. CURTIN,
Commissioners.

JOHN P. DUNN, Clerk.

j17,28

FIRST DEPARTMENT.

In the matter of the application of the Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening WEST FARMS ROAD (although not yet named by proper authority), from Southern Boulevard and Westchester avenue to Boston road, as the same has been heretofore laid out and designed as a first-class street or road in the Twenty-third and Twenty-fourth Wards of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 30th day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 17, 1903.

WELLESLEY W. GAGE,
HENRY L. BRIDGES,
RIGNALD D. WOODWARD,
Commissioners.

JOHN P. DUNN, Clerk.

j17,28

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 WEST TWO HUNDRED AND FOURTEENTH STREET (although not yet named by proper authority), from Kingsbridge road to Harlem river, in the Twelfth Ward, Borough of Manhattan, of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a special term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 30th day of July, 1903, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, July 17, 1903.

LOUIS N. WHEALTON,
WALTER MULLER,
ARTHUR F. BOWERS,
Commissioners.

JOHN P. DUNN, Clerk.

j17,28

FIRST JUDICIAL DISTRICT.

In the matter of acquiring title by The City of New York to certain lands and premises situated on the north line of ONE HUNDRED AND THIRTY-SIXTH STREET and the south line of ONE HUNDRED AND THIRTY-SEVENTH STREET, between Lenox and Fifth avenues, in the Borough of Manhattan, in The City of New York, duly selected as a site for hospital purposes according to law.

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, at a Special Term thereof, Part I, to be held at the County Court-house, in the Borough of Manhattan, in The City of New York, on the 29th day of July, 1903, at the calling of the calendar on that day, for the appointment of three Commissioners of Estimate and Appraisal to ascertain and appraise the compensation to be made to the owners or persons interested in certain lands and premises selected as a site for hospital purposes in the Borough of Manhattan, in The City of New York, bounded and described as follows:

Beginning at a point on the north line of One Hundred and Thirty-sixth street, distant 210 feet east of the northeast corner of Lenox avenue and One Hundred and Thirty-sixth street; running thence easterly along the north side of One Hundred and Thirty-sixth street 200 feet; thence northerly at right angles to One Hundred and Thirty-sixth street 199 feet 10 inches to the south side of One Hundred and Thirty-seventh street; thence westerly along the southerly side of One Hundred and Thirty-seventh street 200 feet; thence southerly and parallel to Lenox avenue 199 feet 10 inches to the point or place of beginning.

Dated New York, July 15, 1903.
GEORGE L. RIVES, Corporation Counsel,
No. 2 Tryon Row, Borough of Manhattan, City of New York.

j17,28

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, tenements and hereditaments required for the opening and extending of COLLEGE AVENUE (although not yet named by proper authority), from East One Hundred and Sixty-fourth street to East One Hundred and Seventy-second street and Teller avenue, in the Twenty-

