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## THE CITY RECORD.

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GEORGE B. MCCLELLAN, Mayor.

JOHN J. DELANY, CORPORATION COUNSEL.

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## FIRE DEPARTMENT.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1905.

Fire Department, City of New York,  
Nos. 157 and 159 East Sixty-seventh Street,  
Borough of Manhattan, May 9, 1906.

Hon. GEO. B. MCCLELLAN, Mayor, City of New York:

Sir—I have the honor of transmitting to you herewith, pursuant to section 1544 of the Charter, the annual report of the Fire Department for the year 1905, which also includes the report for the last quarter of that year. In doing so, permit me to say that the policy of developing and extending the Department and strengthening the various branches adopted by my predecessor in office, and so strongly supported by you, was carried out during the year persistently and effectively. The co-operation of yourself, the Board of Estimate and Apportionment and the Board of Aldermen enabled the Department to make the greatest strides in its history. The paid establishment was extended to the Borough of Richmond and to the more thickly populated sections of Queens, which were not already covered by it. In Richmond fourteen companies in the paid service were put into commission. In Queens six companies were established. There are still extensions to be made in both boroughs, but the work was pushed with great energy, and the companies were located on the lines of the largest populations in localities. This policy will be carefully adhered to under the present administration.

The uniformed force of the Department was increased by the appointment of 402 additional firemen during the year, and its total force, officers and men, on the 1st of January, 1906, numbered 3,554.

In Manhattan and The Bronx four new companies were organized and placed in service; five old companies were provided with new houses; two single companies were reorganized as double companies. There are now in Manhattan and The Bronx eighty-three engine companies and twenty-nine truck companies; in Brooklyn and Queens sixty-eight engine companies and twenty-one truck companies; in Richmond eight engine companies, one hose company and five truck companies. There are altogether seven fire boats, and preparations were begun during the year for the construction of three powerful new boats for the marine arm of the service, the money having been secured for them by bond issue. Differences of opinion as to details of plans for these boats have somewhat delayed the letting of contracts, but the work is being pushed as rapidly as is consistent with the best interests of the Department and the proper expenditure of the City's funds.

During the year investigations were made to determine the necessities of the fire alarm telegraph service of the Department, and it was found that the conditions existing were such as to fully warrant an entirely new system in the Boroughs of Manhattan and The Bronx. Recommendations to this end have already been made. To temporarily reinforce the old system a new contract was made with the telephone company by which every apparatus house can be reached from any part of the city, and by which each apparatus house can communicate with the others. This new system of telephone service has proven satisfactory up to this time, and has apparently added materially to the efficiency of the present fire alarm system.

The work of the Bureau of Violations and Auxiliary Fire Appliances is now, after two years, producing results which demonstrate the value of a proper supervision over auxiliary fire appliances. Auxiliary fire protection, such as standpipes (fire lines) for buildings of unusual height, or area, and perforated pipes or automatic sprinklers for underground premises (cellars and sub-cellars) present problems new and varied, which are being handled with satisfactory results, not only to the men of the Department, who operate the appliances at fires, but also to the property owner who pays for the installation. The general scheme of auxiliary fire protection is shown in the statistical details furnished in the report of this Bureau.

The facilities for reaching fires more rapidly have been provided for by the gradual introduction of automobiles for the Department, for the use of Chief Officers, and these machines have proven a valuable adjunct to the Fire Department apparatus.

The duties imposed upon the Bureau of Combustibles have been vastly increased by the enormous building operations which have been going on throughout Greater New York for the last few years. To meet this contingency a number of firemen, under command of a Captain of the Department, were detailed to the Inspector of Combustibles for the purpose of aiding in the inspection of the use of explosives at the points where the various construction operations are in progress. This plan has helped materially in safeguarding the lives and property of citizens. It is, however, suggested that this Bureau of the Department should be supplied with additional clerical and expert assistance, for which there is now no appropriation.

The report of this Department is necessarily delayed annually owing to the difficulty of collecting statistics, as to the losses, by the Fire Marshal, it sometimes taking several months to make adjustments. The statistics collected by the Chief of Department are also necessarily delayed owing to the comparison of fires with the Marshal's report, and it is for this reason that the reports are not forwarded at an earlier period of the year. This, however, gives me the opportunity at this time of furnishing general information concerning the Department in the line of the policy of development and extension, which is incorporated in the appended letters already transmitted to you, and which are furnished herewith for the information of the public.

Respectfully,

JOHN H. O'BRIEN, Commissioner.

Fire Department, City of New York,  
157 and 159 East Sixty-seventh street,  
Borough of Manhattan, March 9, 1906.

Hon. GEO. B. MCCLELLAN, Mayor and Chairman of the Board of Estimate and Apportionment:

Sir—I have the honor to present herewith an estimate of the financial requirements of this Department for the present year, and for the next succeeding three years.

Investigation of the needs of this branch of the City Government made under my direction by the officials in charge of the various bureaus demonstrates clearly that the growth of the Greater New York has so far outstripped the development and extension of the facilities for the protection of human life and property in the matter of the extinguishment and prevention of fires that it becomes the duty of the Fire Commissioner to urge upon your honorable body the need for immediate favorable action toward the proper equipment of the Department so that it will, within the shortest possible space of time, be brought abreast of the ever-increasing demands being made upon it by the City's growth.

In view of the fact that the extension of the Department means the increased assessable valuation of the adjacent property, and that an enormously large proportion of the expenditures asked for is made up wholly of money sought for sites, apparatus houses and apparatus, the question becomes one not only of the necessary protection of the citizens and their property, but of a sound business investment of the City's money as well.

I therefore have to request that provision be made through the issue of bonds, distributed through the four years mentioned, as the Board deems best, for the following necessities of the Fire Department:

### BOROUGH OF MANHATTAN, THE BRONX AND RICHMOND.

New sites and buildings thereon .....	\$1,600,000 00
For reconstruction of fire alarm telegraph .....	2,000,000 00
For buildings on sites already under control of this department .....	400,000 00
For alterations of buildings .....	200,000 00
For extension of paid department in Richmond .....	85,000 00
Apparatus .....	300,000 00
Hose .....	300,000 00
Additions to uniformed force .....	600,000 00
Clerical force and additions thereto .....	44,400 00
College of Instruction, building and site .....	250,000 00
Maintenance and repairs to fireboats, and one additional small fireboat .....	50,000 00
Additions to present headquarters building, new annex .....	150,000 00
For branch of repair shops and hospital stables in The Bronx .....	100,000 00
For branch of hospital stables at No. 199 Chrystie street, Manhattan .....	50,000 00
	\$6,129,400 00

### BOROUGH OF BROOKLYN AND QUEENS.

Sites and buildings for organization of new companies, storage buildings, etc. ....	\$1,000,000 00
New buildings for organized companies now occupying leased quarters .....	200,000 00
Additions and alterations to buildings already erected, property of City of New York .....	143,000 00
Equipment of proposed new companies .....	200,000 00
	1,543,000 00

### RECAPITULATION.

Boroughs of Manhattan, The Bronx and Richmond .....	\$6,129,400 00
Boroughs of Brooklyn and Queens .....	1,543,000 00
	\$7,672,400 00
For increase in the facilities and clerical force of the various Bureaus of the Department .....	1,589,700 00
Total .....	\$9,262,100 00

During the last two years or more the National Board of Fire Underwriters, as well as the Local Board of Underwriters, have been making investigations as to the necessities of the Fire Alarm Telegraph Bureau in this Department, and have very strongly recommended the establishment of an entirely new and modern system for the transmission of fire alarms. My predecessor forwarded a letter to you bearing upon this subject last year, and I believe it is a question that should receive immediate attention. The Chief of Department estimates that \$2,000,000 could be profitably spent in this work during the next four years, and I therefore recommend that an appropriation for this purpose, under such conditions as your Honorable Board may direct, be made as soon as it is possible.

It has become necessary that the work of the School of Instruction be done on a much larger scale than at present. Not only is it important that greater room be secured for the training of the men, but it is most essential also that proper facilities should be had for the training of the horses, of the men who are to drive them and of the engineers who are to run the engines. The School of Instruction for probationary firemen was organized in 1882, and located on the fifth floor of Headquarters Building, and occupying also the rear of structure on Sixty-eighth street, with the yard as a drill ground.

During the first years of the School the average attendance was about one hundred, and this continued for a number of years, but on Greater New York being formed the jump became so great that conditions changed, and the average attendance on the formation of the Borough Departments exceeded, in some years, six hundred. This was too great a number for the School to properly handle and to do justice to the men. The Greater New York extension of the paid system to the various Boroughs has continued from year to year, and the Department business has increased to such an extent that the School was forced out of the fifth floor into the yard, which is now and has been for years entirely inadequate in size and appointments for the proper instruction of the probationary firemen.



The conditions have changed so rapidly within the past few years that the Greater New York has outgrown the School, and it has, to a great extent, become inefficient, owing to the want of proper accommodations, which are impossible to be obtained in the present locality. The men are appointed after passing their twenty-first year. They are of very little service to the Department unless properly instructed in their respective duties as fireman, engineers and drivers. If we require efficient service from our men we must provide and instruct them with proper means and accommodations to enable them, within a reasonable time, to become of some value to the Department by a ready familiarity with the various duties of officers and men, as it must be remembered from this class the future chief officers will be selected for the management and conduct of the Department.

I would therefore recommend the reorganization of the probationary school as a College for Firemen, and the selection of a site and the erection of buildings thereon for the accommodation of this college, and that the sum of \$250,000 be allowed for this object, and that when the college is re-established it shall be known as the Firemen's College of The City of New York. I believe that a proper site for this college can be obtained either in The Bronx or in Richmond. Probably the latter would be the better, as sites could be procured much more reasonably and ample accommodations provided at a much less cost.

The Headquarters Building on East Sixty-seventh street, Manhattan, has long since become inadequate to meet the increased routine of business for the various bureaus located therein. The present building is now occupied as follows:

First and second floors, by Engine Company 39 and Hook and Ladder Company 16.

Third floor, executive offices.

Fourth floor, Bureau Chief of Department, Bureau of Violations and Auxiliary Fire Appliances, Bureau of Fire Marshal.

Fifth floor, Bureau of Combustibles, Bureau of Superintendent of Buildings, Medical Officers.

Sixth floor, Bureau Fire Alarm Telegraph.

The Department has a plot 75 by 100 feet directly in the rear of Headquarters building, on East Sixty-eighth street, Manhattan, and contemplates the erection on part of this plot of a fireproof annex about 35 by 100 feet, for the accommodation of the following Bureaus:

Executive offices, Bureau of Combustibles, Bureau of Fire Marshal, Bureau Superintendent of Buildings, Bureau of Violations and Auxiliary Fire Appliances, Bureau of Fire Alarm Telegraph.

The building at No. 199 Chrystie street, Manhattan, is now used as a branch hospital for horses, a fuel depot and for the stabling of the horses and the storage of the wagons of the Repair Shop. It is in a most dilapidated condition. Instead of making the extensive repairs that are necessary, I would recommend the erection of a new building on this site, to be used as a branch hospital and training stable, fuel depot and for storage purposes.

Owing to the great number of horses used in the lower section of the City by the general use of a three-horse hitch on our main apparatus, it becomes a necessity to continue this branch for the accommodation of the stock in lieu of transferring and removal to main building on Ninety-ninth street, west. This site is well located and will give ample accommodations for the requirements as a branch hospital and a fuel depot and general storage, and would suggest that a new building on this site be included in the list of structures to be hereafter erected at the earliest possible date.

Owing to the large number of companies recently organized in The Bronx District, and the continued spread of the City in a northerly direction, it becomes a necessity to erect in the vicinity of One Hundred and Fiftieth street a branch hospital for the accommodation of the horses, and also a branch Repair Shop for the repairing of apparatus in this vicinity in lieu of transferring to the main Repair Shops and Stables.

The great distance of the Repair Shops and Hospital Stables from the upper section of the City entails a waste of time in transferring apparatus and horses, as each is required usually with the least possible delay, which delay can only be overcome by erection of those branches in the districts that are increasing in their population, and as a natural consequence these companies require immediate attention in the event of accidents to horses or apparatus.

I would therefore recommend that a site be procured and an appropriation provided for the erection of a building thereon for this purpose, and would suggest that this be taken up at an early date, as the rapid growth demands immediate attention and the organization of additional companies for better fire protection.

#### Needs of Bureaus.

All of the Bureaus of the Department are in need not only of additional facilities for properly conducting the business assigned to them, but they are also in need of additional clerical and expert help. Provision to meet this necessity of the Department should be made by bond issue or otherwise, as soon as practicable. A careful investigation has been made of the various Bureaus, with the result that the following figures are presented as very conservatively representing the requirements for this year and the succeeding three years.

	Present Pay-roll.	Proposed Pay-roll.	Yearly Increase.
Bureau of Violations and Auxiliary Fire Appliances—			
Manhattan, The Bronx and Richmond.....	\$1,500 00	\$8,400 00	\$6,900 00
Brooklyn and Queens.....	900 00	3,600 00	2,700 00
Bureau of Combustibles—			
All boroughs .....	35,700 00	50,000 00	14,300 00
Bureau of Buildings—			
All boroughs .....	28,878 00	30,000 00	1,122 00
Medical officers, Manhattan, The Bronx and Richmond.....	.....	.....	1,000 00
Bureau, Fire Alarm Telegraph—			
Manhattan and The Bronx.....	79,350 00	93,051 00	13,701 00
Brooklyn and Queens.....	41,700 00	55,000 00	13,300 00
Borough of Richmond (including supplies).....	19,100 00	25,600 00	6,500 00
Hospital and Training Stables—			
Manhattan, The Bronx and Richmond.....	15,310 00	20,310 00	5,000 00
Brooklyn and Queens.....	3,650 00	8,650 00	5,000 00
Repair Shops—			
Manhattan, The Bronx and Richmond.....	95,083 00	123,085 00	28,002 00
Brooklyn and Queens.....	39,000 00	60,000 00	21,000 00
Supplies, Manhattan, The Bronx and Richmond.....	41,000 00	46,000 00	5,000 00
Supplies, Brooklyn and Queens.....	15,000 00	16,000 00	1,000 00
Bureau, Fire Marshal—			
Manhattan, The Bronx and Richmond.....	17,600 00	27,500 00	9,900 00
Brooklyn and Queens.....	11,250 00	16,250 00	5,000 00
			\$139,425 00
\$139,425 per year, for four years.....			\$557,700 00

In addition to the foregoing, the following amounts yearly will also be required:

	Manhattan and The Bronx.	Brooklyn and Queens.
Fire Alarm Telegraph—Repairs, extensions, maintenance, etc.....	\$75,000 00	\$18,000 00
Placing wires underground.....	.....	100,000 00
Fire alarm boxes.....	.....	5,000 00
Hospital and Training Stables (100 horses each year).....	30,000 00	30,000 00
	<u>\$105,000 00</u>	<u>\$153,000 00</u>
	<u><u>\$258,000 00</u></u>	<u><u>\$1,032,000 00</u></u>

The increases on account of salaries are accounted for as follows:

Bureau of Violations and Auxiliary Fire Appliances—Six civilians to be employed as Inspectors and one Clerk in Manhattan, the Bronx and Richmond, in place of detailed Firemen, and two Inspectors and one Stenographer in place of detailed Firemen in Brooklyn and Queens.

Bureau of Combustibles—Eleven civilian employees to take places of detailed Firemen.

Bureau of Buildings—Additional Clerk.

Medical Officers—One static X-ray machine.

Fire Alarm Telegraph—One Superintendent of Telegraph and one Assistant Superintendent, the latter for outdoor construction; nine additional Telephone Operators required for operating new telephone system now in course of construction, one Inspector of Fire Alarm Boxes, one Draughtsman and one Stenographer and Typewriter.

Hospital and Training Stables, Manhattan, The Bronx and Richmond—One Veterinary Surgeon and one Assistant Veterinary. In Brooklyn and Queens the increase is for the purpose of providing civilian employees to replace detailed uniformed Firemen.

Repair Shops, Manhattan, The Bronx and Richmond—The increase is in anticipation of the growth of the Department, and in Brooklyn and Queens to replace uniformed firemen detailed with civilian employees.

Bureau of Fire Marshal—The increase is on account of civilian employees to take the places of detailed uniformed firemen.

I have the honor to remain,

Respectfully,

(Signed.) JOHN H. O'BRIEN, Fire Commissioner.

April 12, 1906.

Hon. GEORGE B. McCLELLAN, Mayor, and Chairman of the Board of Estimate and Apportionment:

Sir—The fire alarm telegraph system in the Borough of Manhattan has been in operation for a long period of time, and for several years past its efficiency and adaptability to the present requirements of this great section of the municipality have at recurring intervals been the subject of discussion in the public prints. Indeed, it is but reasonable to assume, in view of the great progress that has been made in electrical science since the introduction of the system, that it might be materially improved with resulting advantage to the public.

My predecessor in office, as the result of a preliminary inquiry made by him into the subject, became satisfied that there was considerable room for improvement, but that to arrive at the actual state of affairs would necessitate an exhaustive and costly investigation by qualified experts in this line of work; and therefore when it was proposed by the New York Board of Fire Underwriters, which naturally was deeply interested in the matter, that such an inquiry should be conducted by that body at its own expense he accepted the proposition with the approval of his Honor the Mayor.

Mr. Kempster B. Miller was selected by the underwriting authorities to conduct the investigation, in the capacity of Electrical Engineer, with Mr. John J. Carty as Consulting Engineer, and every facility was afforded them by this Department for the successful prosecution of their task.

As a result of their investigation, extending over a period of several months, these experts submitted a report on the subject, in which they reached the conclusion that the total cost of an adequate system of fire alarm telegraph protection for the Borough of Manhattan would be about \$1,625,000, exclusive of the ground for the central office, for which no estimate was submitted, for the reason that the price would be subject to variation, depending upon the precise location that might be selected therefor.

After giving to the matter careful consideration, I have come to the conclusion that the issue is of such vital importance to the public welfare that immediate action should be taken, looking to the replacing of the present fire alarm telegraph system in the Borough of Manhattan with a modern and up-to-date system commensurate with the requirements of the situation.

I have therefore the honor to request that, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment authorize an issue of Corporate Stock to an amount not exceeding one million six hundred and twenty-five thousand dollars (\$1,625,000), for the purpose of establishing, building and equipping a fire alarm telegraph system for this Department in the Borough of Manhattan, in accordance with the estimate made in the abridged report of the Committee on Fire Alarm Service to the New York Board of Fire Underwriters, bearing date September, 1905.

Respectfully,

(Signed.) JOHN H. O'BRIEN, Commissioner.

#### FINANCIAL STATEMENT.

##### BOROUGH OF MANHATTAN, THE BRONX AND RICHMOND.

Title of Appropriation.	Appropriation for Year 1905 After Transfers.	Total Amount of Vouchers Certified to Comptroller to December 31, 1905.	Balance, December 31, 1905.
Headquarters Pay-roll .....	\$56,930 00	\$56,234 25	\$695 75
Bureau Chief of Department and Assistants Pay-roll..	129,400 00	128,689 67	710 33
Engine and Hook and Ladder Companies Pay-roll.....	2,669,630 36	2,666,049 01	3,581 35
Bureau of Combustibles Pay-roll.....	21,000 00	19,515 84	1,484 16
Bureau of Fire Marshal Pay-roll.....	17,750 00	17,600 00	150 00
Fire Alarm Telegraph Bureau Pay-roll.....	76,984 32	76,930 97	53 35
Repair Shops Pay-roll.....	89,253 75	88,927 78	325 97
Hospital and Training Stable Pay-roll.....	15,416 00	15,196 62	219 38
Building Superintendent Pay-roll.....	28,276 50	27,778 33	498 17
Apparatus, Supplies, etc.....	509,106 81	334,515 51	174,591 30
Maintenance of Volunteer Companies, Borough of Richmond .....	\$3,613,747 74	\$3,431,437 98	\$182,309 76
Maintenance of Fire Alarm System in the Borough of Richmond .....	55,800 00	55,800 00	.....
	13,472 00	13,471 30	70
	\$3,683,019 74	\$3,500,709 28	\$182,310 46



Title of Appropriation.	Appropriation for Year 1905 After Transfers.	Total Amount of Vouchers Certified to Comptroller to December 31, 1905.	Balance, December 31, 1905.
<b>Bond Issues.</b>			
Defender Hose Company of Former Eastchester.....	\$5,104 74	\$5,104 74	.....
Rocky Hose Company 1, Borough of Richmond.....	800 00	800 00	.....
Richmond Engine Company 1, Borough of Richmond..	1,200 00	1,200 00	.....
Fire Boats .....	250,000 00	.....	250,000 00
Fire Boats .....	125,000 00	.....	125,000 00
New Apparatus .....	100,000 34	5,000 00	95,000 34
Sites and Buildings.....	425,004 17	127,754 41	297,249 76
Fire Alarm Telegraph, Borough of Richmond.....	13,500 68	7,927 95	5,572 73
Sites, etc., Borough of Richmond.....	100,073 78	81,810 22	18,263 56
Completion of New Repair Shops.....	40,000 00	19,036 60	20,963 40
Maintenance of Fire Alarm System, Borough of Richmond .....	25,000 00	697 73	24,302 27
Installing the Paid Department in the Borough of Richmond .....	113,406 15	82,660 90	30,745 25

FINANCIAL STATEMENT.  
BOROUGH OF BROOKLYN AND QUEENS.

Title of Appropriation.	Appropriation for the Year 1905, Including Transfers.	Total Vouchers Certified to Comptroller to December 31, 1905.	Balance, December 31, 1905.
<b>Salaries—</b>			
Headquarters .....	\$26,541 50	\$26,089 19	\$452 31
Chief and Assistants.....	110,675 00	110,639 79	35 21
Engine and Hook and Ladder Companies.....	1,921,285 00	1,919,219 38	2,065 62
Bureau of Combustibles.....	14,700 00	14,332 25	367 75
Bureau of Fire Marshal.....	9,100 00	9,076 39	23 61
Fire Alarm Telegraph.....	40,201 52	40,006 20	195 32
Repair Shops .....	38,749 48	37,944 08	805 40
Hospital and Training Stables.....	3,692 50	3,650 00	42 50
Apparatus, Supplies, etc.....	305,500 00	198,909 22	106,590 78
Maintenance, Volunteer Companies, Borough of Queens .....	72,400 00	72,400 00	.....
Maintenance and Extension of the Fire Alarm System in Borough of Queens, Including Apparatus, etc., for Volunteer Companies.....	40,000 00	28,901 15	11,098 85
Placing Electrical Conductors Underground, Bond Issue, 1905 .....	100,000 00	.....	100,000 00
Extension of Fire Alarm System, Borough of Queens, Including Apparatus, etc., for Volunteer Companies, Bond Issue, 1905 .....	86,000 00	28,771 00	57,229 00
Building and Equipping Extension of Fire Alarm System to All Parts of the Borough of Queens, Bond Issue, 1905 .....	62,800 00	.....	62,800 00
New Hose, Volunteer Companies, Queens, Bond Issue, 1905 .....	11,000 00	.....	11,000 00
Sites and Buildings, Queens, Bond Issue, 1905 (allotment) .....	100,000 00	2,209 40	97,790 60
Sites and Buildings, Brooklyn, Bond Issue, 1905 (allotment) .....	75,000 00	.....	75,000 00
Installing Paid Department in Rockaway and Richmond, Bond Issue, 1905 (allotment).....	45,436 00	30,206 23	15,229 77
Total .....	\$3,063,081 00	\$2,522,354 28	\$540,726 72

Reports for the boroughs of Manhattan, The Bronx and Richmond:  
Personnel, December 31, 1905.

<b>Headquarters—</b>			
Commissioner .....	1		
Deputy Commissioner .....	1		
Secretary of Department .....	1		
Assistant Secretary of Department .....	1		
Secretary to Commissioner .....	1		
Secretary, Relief Fund .....	1		
Cashier .....	1		
Bookkeeper .....	1		
Clerks .....	4		
Stenographers and Typewriters.....	4		
Storekeeper .....	1		
Inspector of Fuel .....	1		
Messenger .....	1		
Engineman .....	1		
Stokers .....	3		
Watchmen .....	2		
Elevator Attendants .....	2		
Cleaners .....	4		
Driver .....	1		
Laborer .....	1		
<b>Bureau Chief of Department—</b>			
<b>Uniformed Force:</b>			
Chief of Department.....	1		
Deputy Chiefs of Department.....	5		
Chiefs of Battalion.....	27		
Medical officers .....	6		
Chief Instructor (vacancy) .....	1		
Chief of Construction and Repairs to Apparatus.....	1		
Foremen (Captains) .....	112		
Assistant Foremen (Lieutenants) .....	169		
Engineers of Steamer .....	223		
Firemen, first grade.....	811		
Firemen, second grade.....	239		
Firemen, third grade.....	266		
Firemen, fourth grade.....	290		
Firemen, probationary .....	7		
	2,157		
<b>Ununiformed Force:</b>			
Pilots .....	5		
Marine Engineers .....	6		
Stokers .....	25		
	36		
<b>Clerical Force:</b>			
Clerks .....	3		
Stenographers and Typewriters.....	2		
	5		

<b>Bureau of Combustibles—</b>			
Inspector of Combustibles .....	1		
Stenographer and Typewriter.....	1		
Oil Surveyors .....	14		16
<b>Bureau of Fire Marshal—</b>			
Fire Marshal .....	1		
Assistant Fire Marshals.....	7		
Clerk .....	1		
Stenographer and Typewriter.....	1		10
<b>Fire Alarm Telegraph Bureau—</b>			
<b>Boroughs of Manhattan and The Bronx:</b>			
Chief Operator .....	1		
Electrical Engineer .....	1		
Telegraph Operators .....	18		
Telephone Operator .....	1		
Batterymen .....	5		
Instrument Makers .....	2		
Machinist .....	1		
Inspectors of Fire Alarm Boxes.....	2		
Foremen of Cable Splicers.....	2		
Cable Splicers .....	5		
Foreman .....	1		
Foremen of Linemen .....	3		
Linemen .....	15		
Painters .....	2		
Letterer .....	1		
Mason .....	1		
Drivers .....	3		
Groundmen .....	2		
Stablemen .....	2		
<b>Borough of Richmond:</b>			
Telegraph Operators .....	6		
Linemen .....	4		
Foreman of Linemen.....	1		
Batterymen .....	2		81

<b>Repair Shops—</b>			
Foremen Repair Shops.....	2		
Clerks .....	3		
Bookkeeper .....	1		
Drivers .....	4		
Foreman Hostler .....	1		
Engineman .....	1		
Watchmen .....	3		
Elevatorman .....	1		
Foreman Machinist .....	1		
Machinists .....	12		
Machinist Helpers .....	3		
Machinist Apprentice .....	1		
Mechanic .....	1		
Boilermaker .....	1		
Lamp Maker .....	1		
Foreman Steamfitter .....	1		
Steamfitters .....	2		
Foremen Blacksmiths .....	2		
Blacksmiths .....	5		
Blacksmith's Helpers .....	7		
Foremen Wheelwrights .....	2		
Wheelwrights .....	4		
Carpenters .....	3		
Carpenter (temporary) .....	1		
Foreman Saw Filer .....	1		
Foreman Harnessmaker .....	1		
Harnessmaker .....	1		
Upholsterer .....	1		
Hose Repairers .....	2		
Hose Repairer's Helper.....	1		
Foreman Painter .....	1		
Wagon Painter .....	1		
Carriage Painters .....	3		
Painter and Letterer .....	1		
Painter and Striper .....	1		
Painter .....	1		
Painters (temporary) .....	3		
Toolman .....	1		
Stokers .....	3		
Laborers .....	3		
Laborer (temporary) .....	1		
Pipefitter's Helper .....	1		90

<b>Superintendent of Buildings Branch—</b>			
Superintendent of Buildings.....	1		
Assistant Superintendent of Buildings.....	1		
Clerk .....	1		
Inspectors of Buildings .....	3		
Architectural Draughtsmen .....	3		
Plumbers .....	2		
Carpenters .....	6		
Tinsmiths .....	3		
Painters .....	3		
Caulker .....	1		
Driver .....	1		
Laborer .....	1		26

<b>Hospital and Training Stables—</b>			
Foreman Hostler .....	1		
Hostlers .....	2		
Drivers .....	10		
Stablemen .....	4		
Night Watchman .....	1		18

Aggregate ..... 2,472

CHANGES IN PERSONNEL, NON-UNIFORMED FORCE, 1905.

Appointed.

1 Honorary Chaplain.
4 Architectural Draughtsmen (temporary).
1 Mechanical Draughtsman (temporary).
1 Pilot.
3 Clerks (temporary).
1 Inspector of Fuel.
1 Stenographer and Typewriter.
2 Stenographers and Typewriters (temporary).
1 Automobile Engineman.
1 Automobile Engineman (temporary).
1 Telegraph Operator.
1 Cable Splicer.
1 Cleaner.
2 Batterymen.



- 1 Foreman of Wheelwrights.
- 11 Linemen.
- 1 Foreman Ship Carpenter.
- 1 Marine Stoker.
- 7 Stokers.
- 1 Foreman Saw Filer.
- 1 Letterer.
- 6 Painters (temporary).
- 1 Carpenter (temporary).
- 1 Laborer (temporary).

Promoted.

- 1 Clerk, from first to third grade.
- 1 Typewriting Copyist, from first to third grade.

Resigned.

- 1 Honorary Chaplain.
- 1 Architectural Draughtsman.
- 1 Automobile Engineman.
- 1 Lineman.
- 1 Driver.
- 1 Blacksmith.
- 1 Watchman.
- 1 Cleaner.

Reinstated.

- 1 Architectural Draughtsman.
- 1 Stoker.

Discharged, Dismissed, or Dropped from Rolls.

- 1 Weighmaster.
- 1 Automobile Engineman.
- 2 Clerks (temporary).
- 1 Mechanical Draughtsman.
- 4 Architectural Draughtsmen.
- 3 Linemen.
- 4 Painters (temporary).
- 2 Stenographers and Typewriters (temporary).

Transferred.

- 1 Painter, from Department of Parks.
- 1 Laborer, from Department of Docks and Ferries.
- 1 Cleaner, from Commissioner of Public Works, The Bronx.
- 1 Ship Caulker, from Department of Docks and Ferries.
- 1 Driver, from Department of Street Cleaning.
- 2 Hostlers, from Department of Street Cleaning.
- 1 Sounder, from Department of Highways, as Laborer.
- 1 Stoker, from Department of Water Supply, Gas and Electricity.
- 1 Sweeper, from Department of Street Cleaning, as Laborer.
- 1 Laborer, from Department of Parks, as Blacksmith's Helper.
- 1 Laborer, from Department of Docks and Ferries.
- 1 Laborer, from office of President, Borough of The Bronx.
- 1 Messenger, from Headquarters, Brooklyn and Queens, to Headquarters, Manhattan and The Bronx.
- 1 Foreman Lineman to Fire Alarm Telegraph Bureau, Brooklyn and Queens.

Office Title and Compensation Changed.

- 1 Mechanic, to Machinist.
- 1 Laborer, to Batteryman.
- 1 Boiler Fireman, to Stoker.
- 2 Coal Passers, to Stokers.
- 1 Foreman of Painters, to Painter.
- 1 Painter, to Foreman of Painters.
- 1 Hostler, to Driver.
- 1 Lineman, to Foreman of Cable Splicers.
- 1 Assistant Batteryman, to Batteryman.
- 1 Driver, to Hostler.
- 1 Driver, to Stoker.
- 1 third grade Typewriting Copyist, to third grade Stenographer and typewriter.

Fire Department, City of New York, }  
Chief of Department, }  
Borough of Manhattan, April 10, 1906. }

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Dear Sir—I have the honor to transmit herewith for your information annual report for the year 1905 of the Bureau Chief of Department, comprising a statement of operations, statistics of fires, appointments, resignations, dismissals, reinstatements, retirements from the service, deaths among those in service and among members relieved or retired from the service, together with a register of the officers of the uniformed force in active service, etc.

On December 31, 1905, the total membership in the uniformed force, boroughs of Manhattan, The Bronx and Richmond, was 2,155 officers and members, and the number of alarms responded to by above force during the year was 8,729.

The fire extinguishing force consisted of eighty-two engine companies, including five fireboats; twenty-eight hook and ladder companies, twelve companies being known as "double engine companies" and six companies known as "double truck companies," consisting of an average of three officers and twenty-two members, equipped with double sets of apparatus and formed into two sections, one of which remains in quarters for the purpose of covering unprotected territory during the time the other section responds to alarms. One engine company and one hook and ladder company are equipped with searchlight engines, which are used at night fires, and one engine and three hook and ladder companies are equipped with water tower.

To each company is assigned a district within whose limits commanding officers are responsible for violations of the laws, etc., condition of alarm boxes, hydrants, buildings, etc.

Apparatus companies are organized into battalions, numbering from the First to the Nineteenth Battalion, inclusive, in the boroughs of Manhattan and The Bronx, and the First and Second Battalions in Richmond. The battalions in turn are grouped into six (6) divisions, each under the command of a Deputy Chief of Department, as follows:

First Division, comprising the First, Second, Third, Fourth and Nineteenth Battalions; Second Division, the Fifth, Sixth, Seventh and Eighth Battalions; Third Division, the Tenth, Twelfth and Sixteenth Battalions; Fourth Division, the Ninth, Eleventh and Thirteenth Battalions; Fifth Division, the Fourteenth, Fifteenth, Seventeenth and Eighteenth Battalions, and the Tenth Division, borough of Richmond, the First and Second Battalions.

The notable fires transmitted herewith are such as have necessitated the calling into service of a number of apparatus companies, by reason of the area and magnitude of the fires, or which have been emphasized by loss of life or by pecuniary loss, or otherwise marked by exceptional circumstances.

During the year Engine Companies 80, 81, 82 and Hook and Ladder Company 28 were organized and placed in service in Manhattan and The Bronx, thus affording a much needed relief in parts of the City where property interests required same.

In October and November a paid department was organized in the borough of Richmond, consisting of fourteen apparatus companies and twelve volunteer companies, in lieu of fifty-seven volunteer companies formerly covering this territory. The installation of the paid system, in my opinion, has been of great value to the citizens of Staten Island, and I would recommend that as soon as possible the paid department be extended throughout all boroughs.

It is also absolutely necessary that a large number of sites be secured in the boroughs of Manhattan and The Bronx, for the purpose of erecting thereon apparatus houses to meet the rapid growth of the City.

The Department is still handicapped owing to the large number of hydrants of antiquated pattern which freeze at the slightest approach of cold weather, and to the need of additional water mains of larger dimensions, and with the installation

of an underground salt water system with pumping stations, etc., the Department will be in a better condition to promptly extinguish fires.

The creation of the Marine Battalion, comprising fireboats of this Department, under the command of a Chief of Battalion, has proven of great benefit to the Department, and with the addition of the new fireboats soon to be built it will place this branch of the service in an excellent condition.

The reorganization of the Fire Alarm Telegraph Branch under the supervision of a superintendent with a practical knowledge of the needs of the Department is of immediate necessity.

Large amounts of new hose of the very best quality that can be purchased, additional apparatus and an increased number of apparatus companies are needed to enable the Department to keep pace with the increasing growth of the City.

Would recommend the changing of the law as to the five (5) year clause by the Sergeant in charge of Boiler Squad, as it prevents firemen in this Department thoroughly experienced in handling steam fire engines from obtaining licenses to operate engines in this Department. Also recommend that application be made to the Civil Service Board to exempt the position of Engineer of Steamer in this Department, as it is impossible to judge the qualifications of an engineer by a written examination; the proper way to determine his fitness is by practical experience in operating a steam fire engine, under the supervision of a competent Board of Examiners composed of practical engineers; also that an amendment be made to the Charter in relation to the salaries of firemen; that fourth grade firemen receive a salary of \$1,100 and that they be advanced yearly \$100 until they reach the first grade; or in lieu thereof, that all firemen receive the same salary. All firemen do the same amount of work, have the same responsibilities and assume the same risk. Observation has shown that the fourth grade firemen, who are usually young married men, come into the Department at a salary of \$800 per annum, find it difficult to get along with the advanced cost of living, payment of uniforms, etc., on a salary of \$800 per annum, and are often forced to go into debt and contract bad habits which they would not otherwise do were the salary at the beginning sufficient.

Very respectfully,

EDW. F. CROKER, Chief of Department.

Company.	Engines.	Apparatus.					Number of Alarms Responded to.	Number of Fires Performed Duty at.	Officers and Men.	Remarks.
		Number of Four-wheel Hose Wagons.	Number of Four-wheel Tenders.	Number of Two-wheel Tenders.	Number of Hook and Ladder Trucks.	Water Towers.				
Engine 1.....	1	2	..	..	..	..	346	81	16	
Engine 2.....	1	1	..	..	..	..	256	83	17	
Engine 3.....	1	1	..	..	..	..	277	62	16	
Engine 4.....	1	1	..	..	..	..	157	40	16	
Engine 5.....	2	2	..	..	..	..	373	68	26	
Engine 6.....	1	1	..	..	..	..	184	55	15	
Engine 7.....	1	1	..	..	..	..	241	60	15	
Engine 8.....	1	1	..	..	..	..	263	54	19	
Engine 9.....	1	2	..	..	..	..	544	158	16	
Engine 10.....	1	1	..	..	..	..	104	24	17	
Engine 11.....	1	1	..	..	..	..	537	127	19	
Engine 12.....	3	1	..	1	..	..	348	91	24	
Engine 13.....	2	2	..	1	..	..	321	125	24	
Engine 14.....	1	2	..	..	..	..	296	74	20	
Engine 15.....	1	1	..	..	..	..	679	129	17	
Engine 16.....	2	2	..	..	..	..	286	72	28	
Engine 17.....	1	1	..	..	..	..	942	199	18	
Engine 18.....	2	2	..	..	..	..	407	88	23	
Engine 19.....	1	2	..	..	..	..	277	62	16	
Engine 20.....	3	1	..	..	..	..	430	99	19	Includes one search light engine.
Engine 21.....	1	1	..	..	..	..	315	85	19	
Engine 22.....	1	1	..	..	..	..	490	81	16	
Engine 23.....	1	1	..	..	..	..	289	80	18	
Engine 24.....	1	1	..	..	..	..	340	96	14	
Engine 25.....	1	1	..	..	..	..	545	90	17	
Engine 26.....	2	2	..	..	..	..	391	94	23	
Engine 27.....	2	2	..	..	..	..	237	86	22	
Engine 28.....	1	1	..	..	..	..	326	84	15	
Engine 29.....	1	1	..	..	..	..	206	68	14	
Engine 30.....	2	2	..	..	..	..	397	112	23	
Engine 31.....	2	2	..	..	1	..	389	109	30	
Engine 32.....	1	1	..	..	..	..	183	47	14	
Engine 33.....	2	2	..	..	..	..	385	110	28	
Engine 34.....	1	1	..	..	..	..	341	86	16	
Engine 35.....	1	1	..	..	..	..	664	102	19	
Engine 36.....	1	1	..	..	..	..	387	67	15	
Engine 37.....	1	1	..	..	..	..	93	26	11	
Engine 38.....	1	1	..	..	..	..	96	23	14	
Engine 39.....	1	1	..	..	..	..	339	74	19	
Engine 40.....	1	1	..	..	..	..	259	54	16	
Engine 41.....	1	1	..	..	..	..	216	59	16	
Engine 42.....	1	1	1	..	..	..	138	31	17	
Engine 43.....	1	2	..	..	1	..	5	1	16	
Engine 44.....	1	1	..	..	..	..	384	79	17	
Engine 45.....	1	1	..	..	1	..	38	19	15	
Engine 46.....	1	1	..	..	..	..	86	33	15	
Engine 47.....	2	1	..	..	..	..	276	40	16	
Engine 48.....	1	1	1	..	1	..	58	49	16	Combination Com-
Engine 49.....	2	1	..	6	5	..	9	8	18	pany. Also 4 chemical engines and 8 two-wheel jumpers in use on island.



Company.	Engines.	Apparatus.				Water Towers.	Number of Alarms Re- sponded to.	Number of Fires Per- formed Duty at.	Officers and Men.	Remarks.	Company.	Engines.	Apparatus.				Water Towers.	Number of Alarms Re- sponded to.	Number of Fires Per- formed Duty at.	Officers and Men.	Remarks.
		Number of Four-wheel Hose Wagons.	Number of Four-wheel Tenders.	Number of Two-wheel Tenders.	Number of Hook and Ladder Trucks.								Number of Four-wheel Hose Wagons.	Number of Four-wheel Tenders.	Number of Two-wheel Tenders.	Number of Hook and Ladder Trucks.					
Engine 50.....	1	1	..	..	1	..	123	47	16	Combination Com- pany.	Engine 79.....	2	1	..	..	..	20	9	15	15	One a chemical en- gine.
Engine 51.....	..	..	..	..	..	..	213	13	22	Fire-boat "Zophar Mills."	Engine 80.....	2	2	..	..	..	89	20	22	22	
Engine 52.....	1	1	1	..	1	..	15	20	12	Combination Com- pany.	Engine 81.....	1	1	..	..	..	4	1	13	13	
Engine 53.....	1	2	..	..	..	..	538	195	14		Engine 82.....	1	1	..	..	1	39	15	16	16	
Engine 54.....	1	1	..	..	..	..	349	66	16		Hook and Ladder 1...	..	..	..	..	1	465	251	17	17	
Engine 55.....	1	1	..	..	..	..	409	121	17		Hook and Ladder 2...	..	..	..	..	1	327	166	19	19	
Engine 56.....	1	1	..	..	..	..	227	52	16		Hook and Ladder 3...	..	..	..	..	2	400	234	20	20	
Engine 57.....	..	..	..	..	..	..	250	10	24	Fire-boat "New Yorker."	Hook and Ladder 4...	..	..	..	..	1	494	285	18	18	
Engine 58.....	1	1	..	..	..	..	586	121	20		Hook and Ladder 5...	..	..	..	..	2	464	219	27	27	
Engine 59.....	1	1	..	..	..	..	185	70	17		Hook and Ladder 6...	..	..	..	..	1	708	366	17	17	
Engine 60.....	1	1	..	..	..	..	206	50	14		Hook and Ladder 7...	..	..	..	..	1	333	174	20	20	
Engine 61.....	1	2	..	..	..	..	35	18	16	One a combination chemical hose wagon and en- gine.	Hook and Ladder 8...	..	..	..	..	1	323	218	16	16	
Engine 62.....	1	1	1	..	1	..	12	18	17	Combination Com- pany.	Hook and Ladder 9...	..	..	..	..	1	591	324	20	20	
Engine 63.....	..	1	..	..	..	..	15	5	9	Combination chem- ical engine and hose wagon.	Hook and Ladder 10...	..	1	..	..	1	265	128	19	19	
Engine 64.....	..	1	..	..	..	..	28	9	7	Combination chem- ical engine and hose wagon.	Hook and Ladder 11...	..	..	..	..	1	583	256	16	16	
Engine 65.....	1	1	..	..	..	..	321	72	17		Hook and Ladder 12...	..	..	..	..	1	385	192	17	17	
Engine 66.....	..	..	..	..	..	..	260	12	20	Fire-boat "Wm. L. Strong."	Hook and Ladder 13...	..	..	..	..	2	515	274	17	17	
Engine 67.....	1	1	..	..	..	..	41	14	15		Hook and Ladder 14...	..	..	..	..	2	170	62	16	16	
Engine 68.....	1	2	..	..	1	..	27	16	17	Combination Com- pany.	Hook and Ladder 15...	..	..	..	..	1	155	73	17	17	
Engine 69.....	1	1	1	..	1	..	11	9	14	Combination Com- pany.	Hook and Ladder 16...	..	..	..	..	1	379	187	16	16	
Engine 70.....	1	1	..	..	1	..	5	2	14	Combination chem- ical engine and hose wagon.	Hook and Ladder 17...	..	..	..	..	1	171	142	17	17	
Engine 71.....	1	1	..	..	..	..	140	33	14		Hook and Ladder 18...	..	..	..	..	1	969	464	18	18	Chemical engine.
Engine 72.....	1	1	..	..	..	..	269	81	17		Hook and Ladder 19...	1	..	..	..	1	109	83	19	19	
Engine 73.....	1	1	..	..	..	..	85	31	16		Hook and Ladder 20...	..	..	..	..	2	549	290	26	26	
Engine 74.....	1	1	..	..	..	..	225	45	15		Hook and Ladder 21...	..	..	..	..	2	471	272	26	26	
Engine 75.....	1	1	..	..	1	..	22	27	14		Hook and Ladder 22...	..	..	..	..	1	310	164	25	25	
Engine 76.....	2	2	..	..	..	..	241	65	22		Hook and Ladder 23...	1	..	..	..	1	162	102	13	13	Chemical engine.
Engine 77.....	..	..	..	..	..	..	267	15	17	Fire-boat "Abram S. Hewitt."	Hook and Ladder 24...	1	..	..	..	1	438	177	22	22	Search light engine.
Engine 78.....	..	..	..	..	..	..	284	22	26	Fire-boat "Geo. B. McClellan."	Hook and Ladder 25...	..	..	..	..	1	313	164	13	13	
											Hook and Ladder 26...	..	..	..	..	1	734	408	19	19	
											Hook and Ladder 27...	..	..	..	..	1	109	74	15	15	
											Hook and Ladder 28...	..	..	..	..	2	142	101	22	22	

## Classified Description of Steam Fire Engines, Etc.

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.	Num-ber.	When.	By Whom.	Where in Service.
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8½	6	4¾	7,510	1891	La France Manufacturing Company .....	202	....	.....	Spare
..	1	..	..	..	Crane neck.....	Clapp patent, 60-inch by 30-inch.....	Double	7½	7	4¾	6,485	1883	Clapp & Jones Company. ....	415	....	.....	Spare
..	1	..	..	..	Crane neck.....	Nest tube, 60-inch by 33-inch .....	Double	8¾	8	4¾	8,050	1892	La France Manufacturing Company .....	224	....	.....	Spare
..	1	..	..	..	U tank.....	Amoskeag, 30-inch by 60-inch .....	Double	8	12	4¾	6,750	1866	Amoskeag Manufacturing Company .....	164	1874 1879	New boiler, R. & S.; new boiler and rebuilt, La France Company.....	2d Bat., B. R.
..	1	..	..	..	Crane neck.....	La France, 32-inch by 60-inch .....	Double	7½	7	4¾	6,740	1886	Clapp & Jones Company. ....	473	1893	New boiler and rebuilt, La France Company.....	Spare
1	..	..	..	..	Crane neck.....	Sectional coil tube, 32-inch by 62-inch.....	Double	8¾	7	5	7,890	1882	Clapp & Jones Company. ....	385	1895	New boiler.....	Spare
1	..	..	..	..	Crane neck.....	Drop tube, 35-inch patent pen tube.....	Double	8¾	7	5	8,368	1882	Clapp & Jones Company. ....	380	1895	New boiler and rebuilt, La France Company.....	Spare
..	..	1	..	..	Crane neck.....	Nest tube, 30-inch by 60-inch .....	Double	8¾	6	4¾	7,720	1890	La France Manufacturing Company .....	187	....	.....	Spare
1	..	..	..	..	Crane neck.....	Nest tube, 64-inch by 35-inch .....	Double	8¾	7	5	8,440	1882	Clapp & Jones Company. ....	383	1894	New boiler, La France Company .....	Spare
..	1	..	..	..	Crane neck.....	Nest tube, 62-inch by 32-inch .....	Double	6¾	8	4¾	6,210	1883	Ahrens Manufacturing Company .....	358	1894	New boiler and rebuilt, La France Company.....	Spare
1	..	..	..	..	Crane neck.....	35-inch patent pen tube	Double	8	7	4¾	7,520	1880	Clapp & Jones Company. ....	351	1894	New boiler and rebuilt, American Fire Engine Company .....	Spare
..	1	..	..	..	Crane neck.....	Sectional coil, 60-inch by 32-inch.....	Double	7½	7	4¾	7,600	1885	Clapp & Jones Company. ....	463	1896	New boiler and rebuilt, Clapp & Jones.....	Spare
..	..	1	..	..	Crane neck.....	Submerged flue, 62-inch by 31-inch.....	Double	6¾	8	4	7,184	1895	Manchester Locomotive Company .....	715	....	.....	Spare
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	8¾	6	4¾	7,500	1891	La France Manufacturing Company .....	203	....	.....	Spare
..	1	..	..	..	Crane neck.....	31-inch patent pen tube	Drop tube, 62-inch by 31-inch	6¾	8	4¾	6,800	1871	Amoskeag Manufacturing Company .....	359	1883	New patent pen tube boiler..	Spare
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Drop tube, 62-inch by 31-inch	8¾	6	4¾	7,420	1889	La France Manufacturing Company .....	164	....	.....	
..	1	..	..	..	Straight frame...	C. & J. patent, 62-inch by 31-inch.....	Double	6¾	8	4¾	6,700	1867	Amoskeag Manufacturing Company .....	226	1875	New boiler, Amoskeag Company .....	Spare
..	1	..	..	..	U tank.....	Amoskeag, 60-inch by 30-inch .....	Double	8	12	4¾	6,750	1866	Amoskeag Manufacturing Company .....	162	....	.....	Spare



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.
					Harp tank.....	Amoskeag, 28-inch by 60-inch.....	Single	7¾	9	4½	5,810	1877	Amoskeag Manufacturing Company.....	517	1890	New boiler, La France Com-	Spare
					Crane neck.....	Amoskeag, 60-inch by 30-inch.....	Double	6¾	8	4½	7,250	1875	Amoskeag Manufacturing Company.....	437	1889	New boiler and rebuilt, La France Company.....	Spare
					Straight frame...	30-inch patent pen tube	Double	9¾	6	5½	6,000	1883	Clapp & Jones Company.	417	1898	New boiler, La France Com-	Engine 81
					Straight frame...	30-inch Latta.....	Single	8	7	5	5,875	1883	Ahrens Manufacturing Company.....	354	1899	New boiler, Gleason-Bailey Company.....	Spare
					Crane neck.....	30-inch by 60-inch....	Double	6¾	8	4½	6,800	1871	Amoskeag Manufacturing Company.....	362	1883	New boiler, Clapp & Jones Company.....	Spare
					Harp tank.....	Nest tube, 28-inch by 60-inch.....	Single	7¾	9	4½	5,700	1887	Amoskeag Manufacturing Company.....	519	1888	New boiler, La France Com-	Spare
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8¾	6	4½	7,490	1889	La France Company.....	165	1889	.....	Spare
					Crane neck.....	Water tube, 66-inch by 36-inch.....	Double	9	8	5½	9,610	1898	American Fire Engine Company.....	2575	.....	.....	Engine 1
					Crane neck.....	66-inch by 36-inch....	Double	9	8	5½	9,285	1897	American Fire Engine Company.....	2499	.....	.....	Engine 2
					Crane neck.....	Nest tube, 60-inch by 33-inch.....	Double	8¾	8	4½	8,060	1892	La France Company.....	232	.....	.....	Engine 3
					Crane neck.....	Vertical tube, 66-inch by 36-inch.....	Double	9	8	5½	9,547	1900	American Fire Engine Company.....	2684	.....	.....	Engine 4
					Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	9¾	6	5½	6,200	1881	Clapp & Jones Company.	362	1896	New boiler and rebuilt, American Fire Engine Company.....	Engine 5
					Crane neck.....	Nest tube, 62-inch by 33-inch.....	Double	7¾	8	4½	9,015	1888	La France Company.....	147	1899	New boiler and rebuilt, La France Company.....	Engine 22
					Crane neck.....	Nest tube, 62-inch by 32-inch.....	Double	7¾	8	4½	7,950	1900	La France Company.....	436	.....	.....	Engine 6
					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.....	Engine 7
					Crane neck.....	Vertical tube, 66-inch by 36-inch.....	Double	9	8	5½	9,750	1900	American Fire Engine Company.....	2707	.....	.....	Engine 8
					Crane neck.....	Sectional coil, 64-inch by 35-inch.....	Double	9	8	5½	9,225	1896	American Fire Engine Company.....	2456	.....	.....	Engine 9
					Crane neck.....	Sectional coil, 66-inch by 36-inch.....	Double	9	8	5½	9,220	1897	American Fire Engine Company.....	2500	.....	.....	Engine 10
					Crane neck.....	Nest tube, 60-inch by 33-inch.....	Double	8¾	8	4½	8,170	1893	La France Company.....	257	1896	New pumps, Repair Shops...	Engine 11
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9¾	6	5½	6,010	1881	Clapp & Jones Company.	370	1896	New boiler and rebuilt, La France Company.....	Engine 12
					Crane neck.....	Nest tube, 64-inch by 36-inch.....	Double	8¾	9	5½	9,890	1900	La France Company.....	434	.....	.....	Engine 12
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9¾	6	5½	6,300	1884	Clapp & Jones Company.	432	1898	New boiler and rebuilt, La France Company.....	Engine 13
					Crane neck.....	Vertical tube, 66-inch by 32-inch.....	Double	9	8	5½	9,700	1900	American Fire Engine Company.....	2708	.....	.....	Engine 13
					Crane neck.....	Nest tube, 62-inch by 36-inch.....	Double	8¾	9	5	8,750	1895	La France Company.....	298	.....	.....	Engine 14
					Crane neck.....	Nest tube, 62-inch by 36-inch.....	Double	8¾	9	5	8,790	1894	La France Company.....	299	.....	.....	Engine 15
					Crane neck.....	Sectional coil, 64-inch by 35-inch.....	Double	9	8	5½	8,490	1891	Clapp & Jones Company.	558	.....	.....	Engine 16
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9¾	6	5½	6,290	1884	Clapp & Jones Company	438	1898	New boiler and rebuilt, La France Company.....	Engine 16
					Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7¾	7	4½	7,870	1900	American Fire Engine Company.....	2726	.....	.....	Engine 17
					Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	9¾	6	5½	6,255	1884	Clapp & Jones Company.	430	1899	New boiler and rebuilt, American Fire Engine Company.....	1st Bat., B. R.
					Crane neck.....	Circular tube, 62-inch by 33-inch.....	Double	7¾	8	4½	9,067	1880	La France Company.....	146	1899	New boiler and rebuilt, La France Company.....	Engine 18
					Crane neck.....	Sectional tube, 66-inch by 36-inch.....	Double	9	8	5½	9,473	1899	American Fire Engine Company.....	2664	.....	.....	Engine 19
					Crane neck.....	Sectional tube, 64-inch by 35-inch.....	Double	9	8	5½	8,360	1893	American Fire Engine Company.....	2220	.....	.....	Engine 20
					Crane neck.....	Sectional tube, 64-inch by 35-inch.....	Double	9	8	5½	8,155	1892	American Fire Engine Company.....	2152	.....	.....	Engine 21
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7¾	8	4½	6,940	1894	La France Company.....	297	1898	Repaired by La France Com-	Engine 41
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	7¾	8	4½	7,284	1895	La France Company.....	335	.....	.....	Engine 23
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8¾	9	5½	9,315	1896	La France Company.....	369	.....	.....	Engine 24
					Crane neck.....	Sectional tube, 64-inch by 34-inch.....	Double	9	8	5½	8,460	1891	Clapp & Jones Company.	559	1892	New tubes, American Fire Engine Company.....	Engine 25
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9¾	6	5½	6,306	1884	Clapp & Jones Company.	436	1898	New boiler and rebuilt, La France Company.....	Engine 207
					Crane neck.....	Sectional tube, 60-inch by 32-inch.....	Double	8¾	7	5	7,790	1882	Clapp & Jones Company.	381	1895	New boiler and rebuilt, American Fire Engine Company.....	Engine 26
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	9¾	6	5½	6,306	1884	Clapp & Jones Company.	434	1898	New boiler and rebuilt, La France Company.....	Engine 27
					Crane neck.....	Sectional tube, 64-inch by 35-inch.....	Double	9	8	5½	8,385	1893	American Fire Engine Company.....	2221	.....	.....	Engine 27
					Crane neck.....	Nest tube, 66-inch by 31-inch.....	Double	7¾	8	5½	8,810	1886	La France Company.....	108	1897	New boiler and rebuilt, La France Company.....	Engine 28
					Crane neck.....	Nest tube, 65-inch by 36-inch.....	Double	8¾	9	5½	9,545	1897	La France Company.....	378	.....	.....	Engine 29
					Crane neck.....	Fox vertical, 66-inch by 36-inch.....	Double	9	8	5½	9,360	1890	Clapp & Jones Company.	544	1902	New boiler and rebuilt, Inter-national Fire Engine Com-pany.....	Engine 30
					Crane neck.....	Nest tube, 65-inch by 36-inch.....	Double	8¾	9	5½	9,597	1899	La France Company.....	411	.....	.....	Engine 31
					Crane neck.....	Nest tube, 60-inch by 33-inch.....	Double	8¾	8	4½	7,920	1893	La France Company.....	258	.....	.....	Engine 31
					Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7¾	7	4½	7,346	1883	Clapp & Jones Company.	413	1896	New boiler and rebuilt, American Fire Engine Company.....	Engine 32
					Crane neck.....	Nest tube, 64-inch by 36-inch.....	Double	8¾	9	5½	9,940	1900	La France Company.....	435	.....	.....	Engine 33
					Crane neck.....	Sectional tube, 32-inch by 62-inch.....	Double	7½	7	4½	7,739	1887	Clapp & Jones Company.	491	1898	New boiler and rebuilt, American Fire Engine Company.....	Engine 33
					Crane neck.....	Nest tube, 62-inch by 36-inch.....	Double	8¾	9	5	9,240	1896	La France Company.....	348	.....	.....	Engine 34
					Crane neck.....	Nest tube, 60-inch by 30-inch.....	Double	8¾	6	4½	7,710	1890	La France Company.....	186	1898	Repaired, La France Company	11th Bat.
					Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	7	7	4½	6,925	1894	American Fire Engine Company.....	2296	.....	.....	Engine 36



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.....	Sectional tube, 60-inch by 30-inch.....	Double	6½	7	4	6,590	1898	American Fire Engine Company .....	2596	..	..	Engine 37
..	..	..	1	..	Crane neck.....	Submerged flue, 60-inch by 28¾-inch.....	Double	6½	8	3¾	6,660	1898	Amoskeag Manufacturing Company .....	739	..	..	Engine 201
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	7¼	8	4¾	7,287	1895	La France Company.....	336	..	..	Engine 39
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	7¼	8	4¾	6,882	1892	La France Company.....	233	..	..	Engine 40
..	..	..	1	..	Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	9¼	6	5½	5,300	1881	Clapp & Jones Company.	375	1897	New boiler and rebuilt, American Fire Engine Company .....	Engine 43
..	..	..	1	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	6½	7	4	6,610	1898	American Fire Engine Company .....	2597	..	..	Engine 42
..	1	..	..	..	Crane neck.....	C. & J., 62-inch by 32-inch .....	Double	8½	7	5	7,530	1896	American Fire Engine Company .....	2432	..	..	Engine 44
..	1	..	..	..	Crane neck.....	Sectional coil, 62-inch by 30-inch.....	Double	6¾	8	4½	6,210	1883	Ahrens Manufacturing Company .....	360	1892	New boiler and rebuilt, La France Company.....	Engine 45
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7½	7	4¾	7,560	1901	American Fire Engine Company .....	2802	..	..	Engine 46
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	8¼	6	4¾	7,450	1889	La France Company.....	163	..	..	Engine 18
..	..	..	1	..	Straight frame...	Pen tube, 62-inch by 30-inch .....	Double	9¼	6	5½	5,895	1883	Clapp & Jones Company.	409	1898	New boiler and rebuilt, American Fire Engine Company .....	Engine 48
..	..	..	1	..	Crane neck.....	Sectional tube, 30-inch by 60-inch.....	Double	9¼	6	5½	5,300	1881	Clapp & Jones Company.	371	..	New boiler and rebuilt, American Fire Engine Company .....	Engine 49
..	1	..	..	..	U tank.....	La France, 31-inch by 61-inch .....	Double	8	12	4¾	6,750	1866	Amoskeag Manufacturing Company .....	160	1889	New boiler and rebuilt, La France Company.....	Engine 49
..	1	..	..	..	Crane neck.....	C. & J., 31-inch by 62-inch .....	Double	6½	8	4½	6,800	1871	Amoskeag Manufacturing Company .....	360	..	..	13th Battalion
..	1	..	..	..	Straight frame...	La France, 31-inch by 66-inch .....	Double	6½	8	4½	6,700	1868	Amoskeag Manufacturing Company .....	296	1886	New boiler, La France Company .....	Engine 49
..	1	..	..	..	U tank.....	La France, 31-inch by 61-inch .....	Double	8	12	4¾	6,750	1866	Amoskeag Manufacturing Company .....	159	1879	New boiler, Amoskeag Company .....	Engine 49
..	..	1	..	..	Crane neck.....	Submerged flues, 62-inch by 31-inch.....	Double	6½	8	4	7,200	1895	Manchester Locomotive Works .....	714	..	..	Engine 49
..	..	..	1	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	7½	6	4¾	5,030	1884	Clapp & Jones Company.	452	1899	New boiler and rebuilt, American Fire Engine Company .....	17th Battalion
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7½	7	4¾	7,940	1900	American Fire Engine Company .....	2727	..	..	Engine 52
1	..	..	..	..	Crane neck.....	Nest tube, 65-inch by 36-inch .....	Double	8¾	9	5½	9,642	1897	La France Company.....	377	..	..	Engine 53
1	..	..	..	..	Crane neck.....	Sectional tube, 60-inch by 36-inch.....	Double	9	8	5½	9,448	1899	American Fire Engine Company .....	2663	..	..	Engine 54
..	..	1	..	..	Crane neck.....	Nest tube, 62-inch by 30-inch .....	Double	7¼	8	4¾	7,930	1900	La France Company.....	437	..	..	Engine 55
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	7¼	8	4¾	6,935	1893	La France Company.....	256	..	..	Engine 56
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 30-inch.....	Double	7	7	4¾	6,925	1894	American Fire Engine Company .....	2297	..	..	Engine 58
..	..	1	..	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	7¼	8	4¾	7,074	1895	La France Company.....	321	..	..	Engine 59
..	..	..	1	..	Crane neck.....	Nest tube, 62-inch by 31-inch .....	Double	9¼	6	5½	6,310	1881	Clapp & Jones Company.	365	1897	New boiler, La France Company .....	Engine 60
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	9¼	6	5½	5,300	1881	Clapp & Jones Company.	368	1896	New boiler, La France Company .....	Engine 61
1	..	..	..	..	Crane neck.....	Nest tube, 65-inch by 36-inch .....	Double	8¾	9	5½	9,600	1898	La France Company.....	395	..	..	Engine 62
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 28-inch .....	Double	6¾	7	4	6,670	1898	La France Company.....	400	..	..	Engine 65
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 28-inch .....	Double	6¾	7	4	6,590	1898	La France Company.....	399	..	..	Engine 67
..	..	..	1	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	7½	6	4¾	6,097	1882	Clapp & Jones Company.	397	1899	New boiler and rebuilt, American Fire Engine Company .....	Engine 68
..	..	..	1	..	Crane neck.....	Sectional tube, 60-inch by 30-inch.....	Double	9¼	6	5½	6,315	1884	Clapp & Jones Company.	433	1899	New boiler and rebuilt, American Fire Engine Company .....	Engine 69
..	..	..	1	..	Crane neck.....	Submerged flue, 60-inch by 28¾-inch.....	Double	6½	8	3¾	6,625	1899	Amoskeag Manufacturing Company .....	740	..	..	Engine 70
1	..	..	..	..	Crane neck.....	Nest tube, 64-inch by 30-inch .....	Double	8¾	9	5½	9,767	1900	La France Company.....	424	..	..	Engine 71
..	..	..	1	..	Crane neck.....	Nest tube, 60-inch by 30-inch .....	Double	9¼	6	5½	5,750	1881	Clapp & Jones Company.	359	1896	New boiler and rebuilt, La France Company.....	Engine 72
..	..	1	..	..	Crane neck.....	Sectional tube, 62-inch by 32-inch.....	Double	7½	7	4¾	7,520	1901	International F. E. Company; American F. E. Company .....	2803	..	..	Engine 206
..	..	1	..	..	Crane neck.....	Fox tube, 30-inch by 60-inch .....	Double	6½	7	4	6,630	1901	International F. E. Company; American F. E. Company .....	2801	..	..	Engine 74
1	..	..	..	..	Crane neck.....	Submerged flue, 38-inch by 66-inch.....	Double	10	8	5½	10,300	1903	W. S. Nott Company....	461	..	..	Engine 75
1	..	..	..	..	Crane neck.....	Submerged flue, 38-inch by 66-inch.....	Double	10	8	5½	10,300	1903	W. S. Nott Company....	460	..	..	2d Battalion
..	..	1	..	..	Crane neck.....	Submerged flue, 30-inch by 64-inch.....	Double	6½	8	4¾	7,600	1903	W. S. Nott Company....	428	..	..	Engine 18
..	..	1	..	..	Crane neck.....	Submerged flue, 30-inch by 64-inch.....	Double	6½	8	4¾	7,600	1903	W. S. Nott Company....	427	..	..	7th Battalion
1	..	..	..	..	Crane neck.....	Fox water tube.....	Double	..	..	..	9,360	1902	International F. E. Company .....	554	..	..	10th Battalion
In use from sunset to sunrise.....					Searchlight.....	Nest tube, 60-inch by 28-inch .....	Single	5	5	..	7,300	1900	La France Company.....	1	..	1 Bullock marine type multi-polar generator of 5 kilowatts, 2.18-inch projector lamps .....	Engine 30
In use from sunset to sunrise.....					Searchlight.....	Nest tube, 60-inch by 26-inch .....	Single	5	5	..	7,360	1901	La France Company.....	2	..	1 Bullock marine type multi-polar generator of 5 kilowatts, 1.16-inch projector and 1.16-inch reflector lamp .....	Hook and Ladder 24
4-wheel chemical engine .....					First size.....	..	..	..	..	..	..	1873	Babcock Manufacturing Company .....	101	..	..	Engine 20
4-wheel chemical engine .....					First size.....	..	..	..	..	..	..	1873	Babcock Manufacturing Company .....	102	..	..	15th Battalion
4-wheel chemical engine .....					First size.....	..	..	..	..	..	..	1873	Babcock Manufacturing Company .....	103	..	..	Engine 49
2-wheel chemical engine .....					Second size.....	..	..	..	..	..	..	..	Babcock Manufacturing Company .....	9	..	..	Engine 49



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.
3-wheel chemical engine .....					Second size.....								Babcock Manufacturing Company .....	...	...		Engine 49
Combination chemical engine and hose wagon (single tank).....								Charged,			4,090	1885	Fire Engine Manufacturing Company.....	3	...		Engine 61
Combination chemical engine and hose wagon (single tank).....								Charged,			4,320	1896	Charles T. Holloway....	2	...		Engine 63
Combination chemical engine and hose wagon (single tank).....								Not charged,			3,470	1899	Rumsey & Co.....	6	...		Engine 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	...		Engine 79
Chemical engine (double tank).....								Not charged,			4,250	1898	Charles T. Holloway....	5	...		Hook and Ladder 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	F. S. Seagrave, Columbus, O.	1892	65	Hook and Ladder 26
2	Dederick aerial extension	.....75-foot extension	International Fire Engine Company, New York	1903	69	Hook and Ladder 2
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	Dederick aerial extension	.....75-foot extension	International Fire Engine Company, New York	1903	70	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	Hayes' turn-table	.....85-foot extension	La France Company, Elmira, N. Y.	1895	50	Hook and Ladder 11
1	Hayes' aerial extension	.....85-foot extension	International Fire Engine Company, New York	1886	31	Hook and Ladder 12
1	Dederick aerial extension	.....85-foot extension	International Fire Engine Company, New York	1901	222	Hook and Ladder 13
2	Hayes' turn-table	.....75-foot extension	La France Company, Elmira, N. Y.	1901	64	Hook and Ladder 13
2	Dederick aerial extension	.....75-foot extension	International Fire Engine Company, New York	1888	34	Hook and Ladder 14
1	Hayes' turn-table	.....85-foot extension	La France Company, Elmira, N. Y.	1903	71	Hook and Ladder 14
1	Dederick aerial extension	.....85-foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.	1900	61	Hook and Ladder 15
2	Dederick aerial extension	.....65-foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.	1900	60	Hook and Ladder 16
1	Regulation roller frame	.....65-foot	Repair Shop, New York	1898	57	Hook and Ladder 17
2	Roller frame	.....60-foot	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.	1872	12	Hook and Ladder 28
1	Dederick aerial extension	.....85-foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.	1893	43	Hook and Ladder 19
1	Hayes' turn-table	.....85-foot extension	La France Company, Elmira, N. Y.	1896	53	Hook and Ladder 20
1	Dederick aerial extension	.....85-foot extension	La France Company, Elmira, N. Y., for International Fire Engine Company, New York	1887	32	Hook and Ladder 20
2	Roller frame	.....73-foot extension	Repair Shop	1902	66	Hook and Ladder 21
2	Roller frame	.....60-foot	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, O.	1894	47	Hook and Ladder 22
2	Regulation roller frame	.....60-foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.	1902	68	Hook and Ladder 12
1	Dederick aerial extension	.....85-foot extension	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.	1898	58	Hook and Ladder 23
1	Dederick aerial extension	.....85-foot extension	Gleason, Bailey & Rumsey, branch of International Fire Engine Company	1898	58	Hook and Ladder 23
1	Dederick aerial extension	.....75-foot extension	Gleason, Bailey & Rumsey, branch of International Fire Engine Company	1901	62	Hook and Ladder 24
1	Dederick aerial extension	.....75-foot extension	Gleason, Bailey & Rumsey, branch of International Fire Engine Company	1902	67	Hook and Ladder 3
2	Dederick aerial extension	.....75-foot extension	International Fire Engine Company, New York	1903	71	Hook and Ladder 14
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	13th Battalion
..	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 43
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
1	Roller frame	.....50-foot extension	Fire Engine Manufacturing Company, Chicago, Ill.	1885	29	Engine 75
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
1	Roller frame	.....65-foot	Repair Shop, New York	1881	19	6th Battalion
1	Roller frame	.....73-foot	Repair Shop, New York	1878	18	4th Battalion, spare
1	Roller frame	.....70-foot	Repair Shop, New York	1872	11	Hook and Ladder 28
1	Roller frame	.....70-foot extension	Fire Engine Manufacturing Company, Chicago, Ill.	1883	25	12th Battalion, spare
1	Roller frame	.....70-foot	Repair Shop, New York	1872	36	12th Battalion, spare
2	Roller frame	.....50-foot	Repair Shop, New York	1877	16	Hook and Ladder 27
..	Roller frame	.....50-foot	Fire Extinguisher Manufacturing Company, Chicago, Ill.	1883	27	15th Battalion, spare
..	Two wheel	.....50-foot	Joseph S. Smith, Bangor, Me.	1899	6	15th Battalion, spare
..	Two wheel	.....50-foot	Bangor Extension Ladder Company, Bangor, Me.	1895	2	15th 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 59
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
First-size hose wagon	International Fire Engine Company, Seneca Falls, N. Y.	1901	80	Engine 8
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



Style.	Manufacturer.	When Built or Placed in Service.	Registered Number.	Where Used.
First-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.....	1897	54	Engine 10
First-size hose wagon.....	The Seagrave Company, Columbus, O.....	1891	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	Repair Shop
First-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	39	Engine 31
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1889	3	Engine 18
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 1
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
Two-wheel tender.....	Repair Shop.....	1880	41	Repair Shop
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	6th Battalion
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 13
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 41
First-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1891	13	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 79
Hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1894	33	Engine 82
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 83
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 61
Four-wheel tender.....	J. U. Bauchelle, Elizabeth, N. J.....	1883	56	15th Battalion
Second-size hose wagon.....	Sebastian Wagon Company, New York City, N. Y.....	1898	63	Engine 42
Second-size hose wagon.....	Gleason & Bailey Manufacturing Company, Seneca Falls, N. Y.....	1890	9	Engine 44
Second-size hose wagon.....	P. Barrett, Sons & Co., Brooklyn, N. Y.....	1895	42	Engine 81
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	15th Battalion
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 80
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 80
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 71

Style.	Manufacturer.	When Built or Placed in Service.	Registered Number.	Where Used.
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	2d 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 26
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

## Locations of Fuel Wagons.

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 17.....	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
Fuel wagon.....	Located at Richmond.....	.....	1st Battalion
Fuel wagon.....	Located at Richmond.....	.....	2d 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, Del., \$45,800; pumps, Clapp & Jones Manufacturing Company, Hudson, N. Y., \$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, L. I., \$19,800; pumps, La France Fire Engine Company, Elmira, N. Y., \$10,000; Clapp & Jones Manufacturing Company, Hudson, N. Y., \$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, N. J. 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 furnace, 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 stand-pipes.

## "Abram S. Hewitt" (Engine 77).

Size—Length over all, 117 feet; length on load water line, 110 feet; beam, moulded, 24 feet 3¼ inches; depth, moulded, 13 feet 4 inches; draught, loaded, 9 feet 9 inches. Hull, engines and boilers built by the New York Shipbuilding Company, Camden, N. J. Designer and Consulting Engineer, H. de B. Parsons, New York City. Steel hull. Two



Scotch boilers; diameter of each, 10 feet 9 inches; length, 11 feet 9½ inches. Each boiler has two Morrison suspension furnaces, 3 feet 4 inches inside diameter; 172 tubes, 3 inches in diameter. Total grate surface of both boilers, 90 square feet; total heating surface, 2,140 square feet. Steam pressure, 140 pounds per square inch. Engine—Single screw, inverted, fore-and-aft compound engine; diameter high pressure cylinder, 17 inches; low pressure, 34 inches; length of stroke, 24 inches. Maximum indicated horsepower, on trial, 649. Fire pumps—Two sets simple, double acting, direct connected, duplex, crank and flywheel pumps; each steam cylinder diameter, 17 inches; each water cylinder, 10 inches; stroke, 11 inches; capacity of each pump, 3,500 gallons per minute. On small pump, double acting, direct connected, duplicate crank and flywheel; each steam cylinder, 9 inches diameter; each water cylinder, 5½ inches diameter; stroke, 8 inches; capacity, 920 gallons per minute. Total capacity of three sets of pumps, 7,920 gallons per minute. Three swivel, monitor nozzle, stand-pipes, equipped with nozzles varying from 2½ inches in diameter to 5 inches in diameter; two 6-inch and ten 3½-inch discharge gates for hose. Cost of hull, fittings, electric lighting, boilers, engines and waterpiping, \$70,000. Cost of pumps, \$11,000. Cost of monitor nozzles, \$2,750. Total cost of boat complete, delivered in New York, \$83,750.

"George B. McClellan."

Hull, engines and boilers built by the New York Shipbuilding Company, Camden, N. J.; designers and architects, Tams, Lamoine & Crane, of New York; steel hull; two Scotch boilers; diameter of boilers, 9 feet 6 inches; 138 tubes in each boiler; two Morrison suspension furnaces; diameter of furnace, 3 feet 6 inches in each boiler; grate surface, 90 square feet; heating surface, 2,580 feet; single screw; inverted fore-and-aft compound engine; length of stroke, 24 inches; diameter of cylinders, high pressure, 17; low pressure, 34; maximum horsepower, 650; fire pumps, two pair; direct acting duplex crank and flywheel; built by the American Fire Engine Company, Seneca Falls, N. Y.; steam cylinder, diameter, 17 inches; water cylinder, 10 inches; stroke, 11 inches; capacity of two pair pumps, 6,000 per minute; small fire pump, direct acting, duplex, crank and flywheel, built by the American Fire Engine Company, Seneca Falls, N. Y.; diameter of steam cylinder, 8 inches; water cylinder, 5½ inches; stroke, 9 inches; capacity, 900 gallons per minute; three swivel nozzles; stand pipes; discharging gates, 14 by 3½ inches and 2 by 6 inches; coal capacity, 60 tons.

Size.					Style of		Size in inches of				Manufacturer's		New Boilers, Pumps, Etc.		When Built or Placed in Service.	Where in Service.
1.	2.	3.	4.	5.	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.	Name.	Number.	When.	By Whom.		
1	..	..	..	..	Crane neck.....	.....	.....	8½	6	4½	7,510	1891	La France.....	202	.....	Engine 10, spare
1	..	..	..	..	Crane neck.....	.....	.....	8½	8	4½	8,050	1892	La France.....	224	.....	Engine 10, spare
1	..	..	..	..	Straight frame...	.....	.....	7½	7	4½	6,485	1883	Clapp & Jones.....	415	1896	New boilers and rebuilt, American Fire Engine Company
..	..	3	..	..	Crane neck.....	Submerged flue, 30-inch by 64-inch....	Double	6½	8	4½	7,600	1903	E. S. Nott Company....	427	.....	Engine 47, spare
..	..	3	..	..	Crane neck.....	Submerged flue, 30-inch by 64-inch....	Double	6½	8	4½	7,600	1903	E. S. Nott Company....	428	.....	Engine 35, spare
1	..	..	..	..	Crane neck.....	Submerged flue, 38-inch by 66-inch....	Double	10	8	5½	10,300	1903	E. S. Nott Company....	460	.....	Engine 18
1	..	..	..	..	Crane neck.....	Submerged flue, 38-inch by 66-inch....	Double	10	8	5½	10,300	1903	E. S. Nott Company....	461	.....	Engine 16, spare
1	..	..	..	..	Crane neck.....	Fox water tube, 36-inch by 66-inch....	Double	9	8	4½	9,670	1904	International Fire Engine Company	2976	.....	Engine 5
..	2	..	..	..	Crane neck.....	Fox water tube, 34-inch by 64-inch....	Double	8	8	4½	8,889	1904	International Fire Engine Company	2953	.....	Engine 76
..	2	..	..	..	Crane neck.....	Fox water tube.....	Double	8	8	4½	8,875	1904	International Fire Engine Company	2954	.....	Engine 76

Style.	Manufacturer.	When Built or Placed in Service.	Registered Number.	Where Used.
Two-wheel hose tender.....	Department Repair Shops.....	1882	44	Hart's Island, spare
Four-wheel hose tender.....	.....	.....	34*	.....
Four-wheel hose tender.....	Fire Extinguisher Manufacturing Company	1882	43	Engine 75, spare
Four-wheel hose wagon.....	E. B. Preston & Co.....	1889	1	Engine 38, spare
Four-wheel hose wagon.....	Gleason & Bailey Company....	1890	4	Engine 4
Four-wheel hose wagon.....	Gleason & Bailey Company....	1890	5	Engine 14, spare
Four-wheel hose wagon.....	Gleason & Bailey Company....	1890	9	3d Battalion, spare
Four-wheel hose wagon.....	Gleason & Bailey Company....	1891	12	2d Battalion, spare
Four-wheel hose wagon.....	Gleason & Bailey Company....	1891	14	2d Battalion, spare
Four-wheel hose wagon.....	Gleason & Bailey Company....	1891	17	5th Battalion, spare
Four-wheel hose wagon.....	Gleason & Bailey Company....	1892	22	12th Battalion, spare

Style.	Manufacturer.	When Built or Placed in Service.	Registered Number.	Where Used.
Four-wheel hose wagon.....	Gleason & Bailey Company....	1901	81	Boat tender, H. & L. 10, 1st Battalion
Four-wheel hose wagon.....	Shephard & Son.....	1903	91	Engine 3
Four-wheel hose wagon.....	Shephard & Son.....	1903	92	Engine 15
Four-wheel hose wagon.....	Shephard & Son.....	1903	93	Engine 25
Four-wheel hose wagon.....	Barrett Company.....	1904	94	Engine 13
Four-wheel hose wagon.....	Barrett Company.....	1904	95	Engine 14
Four-wheel hose wagon.....	Barrett Company.....	1904	96	Engine 17
Four-wheel hose wagon.....	Barrett Company.....	1904	97	Engine 76
Four-wheel hose wagon.....	Barrett Company.....	1904	98	Engine 76

\* No records in Repair Shops can be found relative to Registered No. 34. This four-wheel tender was probably the one formerly located at Mount Loretta, S. I., and sold at auction in 1903.

Size.	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.	Weight with Water.	Placed in Service.	Manufacturer's Name.	Number.	Where in Service.
4-inch.....	Crane neck.....	Fox water tube, 60 by 30.....	Double.....	6½	7	4	6,600	Feb. 28, 1905	American-La France Fire Engine Company.....	3039	Engine 79
3-inch.....	Crane neck.....	Fox water tube, 62 by 32.....	Double.....	7½	7	..	7,500	Mar. 2, 1905	American-La France Fire Engine Company.....	3038	Engine 50
1-inch.....	Crane neck.....	Fox water tube, 66 by 36.....	Double.....	9	8	5½	10,400	Mar. 22, 1905	American-La France Fire Engine Company.....	3034	Engine 20
2-inch.....	Crane neck.....	Fox water tube, 64 by 34.....	Double.....	8	8	4½	9,200	Mar. 22, 1905	American-La France Fire Engine Company.....	3036	Engine 35
2-inch.....	Crane neck.....	Fox water tube, 64 by 34.....	Double.....	8	8	4½	9,200	Mar. 22, 1905	American-La France Fire Engine Company.....	3037	Engine 47
1-inch.....	Crane neck.....	Fox water tube, 66 by 36.....	Double.....	9	8	5½	10,400	April 12, 1905	American-La France Fire Engine Company.....	3035	Engine 30
4-inch.....	Crane neck.....	Fox water tube, 60 by 30.....	Double.....	6½	7	4	7,760	Oct. 1, 1905	American-La France Fire Engine Company.....	3062	Engine 73
4-inch.....	Crane neck.....	Fox water tube, 60 by 30.....	Double.....	6½	7	4	7,760	Oct. 1, 1905	American-La France Fire Engine Company.....	3063	Engine 80
4-inch.....	Crane neck.....	Fox water tube, 60 by 30.....	Double.....	6½	7	4	7,675	Oct. 31, 1905	American-La France Fire Engine Company.....	3065	Engine 80
4-inch.....	Crane neck.....	Fox water tube, 60 by 30.....	Double.....	6½	7	4	7,675	Nov. 11, 1905	American-La France Fire Engine Company.....	3066	Engine 38
3-inch.....	Crane neck.....	Fox water tube, 62 by 32.....	Double.....	7½	7	4½	8,030	Dec. 11, 1905	American-La France Fire Engine Company.....	3073	Engine 82
3-inch.....	Crane neck.....	Fox water tube, 62 by 32.....	Double.....	7½	7	4½	8,030	Dec. 11, 1905	American-La France Fire Engine Company.....	3074	Engine 83
2-inch.....	Crane neck.....	Fox water tube, 60 by 30.....	Double.....	..	..	..	8,900	.....	La France Fire Engine Company.....	340	Engine 26
4-inch.....	Crane neck.....	Fox water tube, 60 by 26.....	Double.....	8	8	..	5,400	1893.....	American Fire Engine Company.....	2266	Engine 202
3-inch.....	Straight frame...	Fox water tube, 64 by 36.....	Double.....	..	8½	*..	*..	*.....	Clapp & Jones.....	103	Engine 204
4-inch.....	Crane neck.....	Button tubular, 66 by 31.....	Single.....	10	9	7	5,800	1895.....	American Fire Engine Company.....	2335	Engine 205
2-inch.....	.....	Pendent drop tube, 63 by 35....	.....	9	..	..	6,200	*.....	Silsby Manufacturing Company, Seneca Falls, N. Y.	918	Engine 208

\* Not known.



Hose Wagons.				
		Built.	Registered Number.	Where Used.
First-size hose wagon.....	C. N. Perkins Company, Lawrence, Mass.	1905	101	Engine 22
First-size hose wagon.....	C. N. Perkins Company, Lawrence, Mass.	1905	103	Engine 53
First-size hose wagon.....	C. N. Perkins Company, Lawrence, Mass.	1905	100	Engine 20
First-size hose wagon.....	C. N. Perkins Company, Lawrence, Mass.	1905	99	Engine 30
First-size hose wagon.....	C. N. Perkins Company, Lawrence, Mass.	1904	102	Engine 35
Third-size hose wagon.....	Rumsey & Co., Seneca Falls, N. Y.	....	116	Engine 43
First-size hose wagon.....	Gleason & Bailey, Seneca Falls, N. Y.	....	15	Engine 36

Hook and Ladder Trucks.				
Size.	Longest Ladder.	Built or Placed in Service.	Registered Number.	
.....	75-foot extension....	American-La. France Fire Engine Company, Seneca Falls	1905	H. & L. 25
.....	50-foot extension....	Gleason & Bailey, Seneca Falls	1895	H. & L. 101
3-inch regulation....	45-foot extension....	Gleason & Bailey, Seneca Falls	1900	H. & L. 102
2-inch regulation....	50-foot extension....	Gleason & Bailey, Seneca Falls	1905	H. & L. 103
3-inch regulation....	50-foot extension....	Gleason & Bailey, Seneca Falls	1890	H. & L. 104
3-inch regulation....	60-foot extension....	Gleason & Bailey, Seneca Falls	1887	H. & L. 105

Bureau of Combustibles.				
		Built.	Registered Number.	Where Used.
1 powder wagon.....	Geo. B. Marx, New York City....	1905	....	....

Number and Character of Alarms and Manner of Receipt.				
Manner of Receipt.	Fire.	Alarms. Indication of Fire.	Unnecessary.	Total.
From Department street alarm boxes.....	5,300	65	688	6,053
Special Department telegraph signals.....	24	....	9	33
Verbally .....	2,345	11	77	2,433
Automatic telegraph .....	81	4	125	210
Total.....	7,750	80	899	8,729

Water Tower.				
		Built.	Registered Number.	Where Used.
1 first size water tower (Hale patent).....	F. E. Manufacturing Company, Chicago, Ill., for S. F. Hayward Company, New York.....	1904	9	H. & L. 24

Alarms were communicated by attaches of this Department.....	778
Alarms were communicated by attaches of Police Department.....	846
Alarms were communicated by District key holders.....	62
Alarms were communicated by citizen key holders.....	34
Alarms were communicated by all other means.....	7,009
Total .....	8,729

Statistics of Fires.													
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
In Buildings—													
Confined to point of starting.....	653	618	589	560	480	463	530	363	397	465	546	563	6,227
Confined to building.....	53	63	34	24	23	31	12	13	22	38	57	68	438
Extended to other buildings.....	19	19	11	10	5	2	6	4	3	6	10	14	100
In vessels .....	1	2	3	1	2	2	4	5	5	5	4	1	35
In places other than buildings and vessels .....	45	39	84	118	101	73	69	40	45	109	165	62	950
Total.....	771	732	721	713	611	571	621	425	472	623	782	708	7,750
Extinguished without engine stream..	448	413	437	458	373	348	430	284	313	355	419	399	4,677
Extinguished with one engine stream.	233	236	224	213	199	174	159	112	126	217	283	227	2,403
Extinguished with two or three engine streams .....	66	58	44	33	34	42	24	21	25	43	70	63	523
Extinguished with more than three engine streams .....	24	25	16	9	5	7	8	8	8	8	10	19	147
Total.....	771	732	721	713	611	571	621	425	472	623	782	708	7,750
Extent of Damage to Buildings and Vessels—													
Built Mainly of Brick, Stone or Iron:													
Slight .....	63	34	60	34	20	40	25	20	26	27	46	45	440
Considerable .....	1	25	9	9	4	5	10	5	5	6	8	15	102
Destroyed .....	1	....	....	....	....	....	....	....	....	....	....	....	....
Built Mainly of Wood:													
Slight .....	14	4	10	2	4	8	6	5	4	11	12	15	95
Considerable .....	9	5	8	3	6	7	3	1	2	11	9	4	68
Destroyed .....	....	2	2	10	1	1	3	....	....	3	6	3	31
Total.....	88	70	89	58	35	61	47	31	37	58	81	82	737
Between 6 a. m. and 6 p. m.....	406	382	273	365	326	267	280	202	213	310	435	381	3,940
Between 6 p. m. and 6 a. m.....	365	350	348	348	285	304	341	223	259	313	347	327	3,810
Total each month.....	771	732	721	713	611	571	621	425	472	623	782	708	7,750

Water Consumption—103,904,484½ gallons, of which 40,504,417 gallons were riverwater.

Fire Alarm Telegraph Branch,  
Nos. 157 and 159 East Sixty-seventh Street,  
New York, January 22, 1906.

Hon. JOHN H. O'BRIEN, Commissioner:

Sir—I have the honor to forward herewith report of operations of the Fire Alarm Telegraph Bureau, Borough of Richmond, for the fourth quarter and year 1905.

Very respectfully,  
GEO. FARRELL, Chief Operator.

Fire Alarm Telegraph Branch,  
Nos. 157 and 159 East Sixty-seventh Street,  
New York, January 22, 1906.

Hon. JOHN H. O'BRIEN, Commissioner:

Sir—I have the honor to transmit herewith report of operations of the Fire Alarm Telegraph Bureau, boroughs of Manhattan and The Bronx, for the year ending December 31, 1905, as below:

Alarms and Calls—	
First alarms from street boxes (by auxiliary, 61).....	5,853
Automatic Fire Alarm Company.....	123
Automatic false alarms .....	60
Consolidated Fire Alarm Company.....	87
Consolidated false alarms .....	48
Public special building signals .....	16
Special Fire Alarm Electrical Signal Company.....	20
Alarms by public telephone .....	109
Alarms from Police Headquarters .....	26
Second alarms .....	136
Third alarms .....	66
Fourth alarms .....	16
Fifth alarms .....	2
Special Calls for—	
Engine companies .....	41
Hook and ladder companies.....	88
Water tower .....	6



## Special Calls for—

Reserve signal .....	1
Searchlight engine .....	1
Insurance patrols .....	125
Ambulances .....	202
Notice of still alarms .....	2,248
Messages received .....	19,557
Messages transmitted .....	7,650

The alarm system of the Department comprises the following signal stations:

Street boxes, class 1 (2 added during year) .....	812
Street boxes, class 2 .....	281
Public Schools .....	211
City Institutions .....	67
Manhattan Elevated Railroad .....	18

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

Automatic Fire Alarm Company (50 added during year) .....	1,226
Manhattan Fire Alarm Company (81 added during year) .....	823
Special Fire Alarm Electric Signal Company (2 added during year) .....	551
Consolidated Fire Alarm Company (2 discontinued during year) .....	403

The underground system consists of 130.42 miles of cable in subways, or 1,047.44 miles of conductor. During the year 31,653 feet of cable were laid, of which 28,028 were for alterations and repairs, and 3,625 feet were for extending the system; 48.95 miles of wire were put up, of which 38.85 miles were for alterations and repairs, and 10.10 miles for extending the system; 37.15 miles of wire were taken down, 16 poles set, 10 poles reset and 27 poles taken down; 10,432 feet of aerial cable were strung, of which 5,532 feet were for alterations and repairs, and 4,900 feet for extending the system; 868 feet of pipe were laid, of which 758 feet were for alterations and repairs, and 110 feet for extending the system.

Very respectfully,

GEO. FARRELL, Chief Operator.

Fire Alarm Telegraph Branch,

Nos. 157 and 159 East Sixty-seventh Street,  
New York, January 22, 1906.

Hon. JOHN H. O'BRIEN, Commissioner:

Sir—I have the honor to transmit herewith report of operations of the Fire Alarm Telegraph Bureau, boroughs of Manhattan and The Bronx, for the quarter ending December 31, 1905, as below:

## Alarms and Calls—

First alarms from street boxes (by auxiliary, 14) .....	1,602
Automatic Fire Alarm Company .....	25
Automatic false alarms .....	11
Consolidated Fire Alarm Company .....	21
Consolidated false alarms .....	11
Public special building signals .....	4
Special Fire Alarm Electric Signal Company .....	10
Alarms by public telephone .....	39
Alarms from Police Headquarters .....	14
Second Alarms .....	33
Third alarms .....	11
Fourth alarms .....	4
Fifth alarms .....	1

## Special Calls for—

Engine companies .....	16
Hook and ladder companies .....	21
Water towers .....	2
Insurance patrol .....	41
Ambulances .....	53
Notice of still alarms .....	603
Messages received .....	5,130
Messages transmitted .....	2,031

The alarm system of the Department comprises the following signal stations:

Street boxes, class 1 (one added during quarter) .....	812
Street boxes, class 2 .....	281
Public schools .....	211
City institutions .....	67
Manhattan Elevated Railroad .....	18

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

Automatic Fire Alarm Company (fifteen added during quarter) .....	1,226
Manhattan Fire Alarm Company (nine added during quarter) .....	823
Special Fire Alarm Electric Signal Company (seventeen decrease during quarter) .....	551
Consolidated Fire Alarm Company (three decrease during quarter) .....	403

The underground system consists of 130.42 miles of cable in subways, or 1,047.44 miles of conductor. During the quarter 12,078 feet of cable were laid, of which 10,808 feet were for alterations and repairs, and 1,270 feet were for extending the system. 49,260 feet of wire were put up, of which 13,870 feet were for alterations and repairs, and 35,390 feet were for extending the system. 25,890 feet of wire were taken down, 5 poles set, and 23 poles taken down. 5,555 feet of flexible cable were strung, of which 4,155 feet were for alterations and repairs, and 1,400 feet for extending the system. 117 feet of pipe were laid, of which 104 feet were for alterations and repairs, and 13 feet for extending the system.

Very respectfully,

GEORGE FARRELL, Chief Operator.

Fire Alarm Telegraph Bureau,

Richmond Building, New Brighton,  
New York, January 8, 1906.

Mr. GEORGE FARRELL, Chief Operator:

Sir—I have the honor to transmit herewith report of operations of the Fire Alarm Telegraph System, Borough of Richmond, for the quarter ending December 31, 1905, as follows:

## Alarms and Calls—

First alarms from street boxes .....	65
Alarms by public telephone .....	10
Malicious false alarms .....	6
Second alarms .....	2

## Special Calls for—

Engine companies .....	2
Hook and ladder companies .....	4
Notice of still alarms .....	42
Messages received .....	259
Messages transmitted .....	252

The alarm system of the Department in the Borough of Richmond comprises the following signal stations:

Street boxes, class 1 .....	143
Special building boxes, class 3 .....	4
Auxiliary attachment .....	1

During the quarter we installed three new street boxes, and connected two special building boxes, had installed (by contract) 373 new poles and 80 miles of wire; also disconnected 37 instruments from volunteer quarters on account of the installation of the paid system, and returned same to this office.

Respectfully,

HENRY E. VINEING, Electrical Engineer.

Fire Alarm Telegraph Bureau,  
Richmond Building, New Brighton,  
New York, January 8, 1906.

Mr. GEORGE FARRELL, Chief Operator:

Sir—I have the honor to transmit herewith report of the operations of the Fire Alarm Telegraph System, Borough of Richmond, for the year ending December 31, 1905, as follows:

## Alarms and Calls —

First alarms from street boxes .....	275
Alarms by public telephone .....	76
Malicious false alarms .....	53
Second alarms .....	7

## Special Calls for—

Engine Companies .....	2
Hook and ladder companies .....	4
Notice of still alarms .....	83
Messages received .....	1,164
Messages transmitted .....	1,097

The alarm system in the Borough of Richmond comprises the following signal stations:

Street boxes, class 1 .....	143
Special building boxes, class 3 .....	4
Auxiliary attachments .....	1

The system consists of 282 miles of overhead wire, 800 feet of six-wire cable, and accessories. During the year we installed 35 new street boxes, run loops for attaching the same, also connected 4 special building, class 3, boxes. There were installed (by contract) 373 poles and 80 miles of wire for the extension of the system (2 new box circuits and 2 new gong circuits and connecting the New Dorp and Tottenville automatic circuits to the main switchboard in this office). We also disconnected and returned to this office 37 instruments and accessories, on account of the installation of the paid system. Run loops and connected instruments in the residence of Acting Deputy Chief Guerin; connected instruments in quarters of Engine Company 207 for Chief of Second Battalion, also in quarters of Engine Company 204, account of this Company having apparatus on two floors. We also used during the year, for alterations, extensions and repairs, 22 miles of line wire.

Respectfully,

HENRY E. VINEING, Electrical Engineer.

## NOTABLE FIRES.

January 3, 1905, 10.11 p. m., Station 212.

Fire occurred at Pier 36, North river, a two-story frame and iron building, 75 by 900 feet, occupied as steamship offices and pier.

Originated on second floor and extended to cock loft, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Kruger, Chiefs of Battalion Shay, Larkin, Hayes and Ross.

The services of fourteen engine companies, Search Light Engine Company 1 and four hook and ladder companies were required, and the duration of the fire was thirty minutes.

Cause unknown.

At 10.28½ p. m. and 10.31 p. m., respectively, second and third alarms were sent out.

January 4, 1905, 4.51 a. m., Station 438.

Fire occurred at Nos. 227 and 229 West Twenty-ninth street, a six-story brick building, 50 by 95 feet, occupied by manufacturers of window blinds.

Fire originated on the fifth floor and extended to fourth and sixth floors by stairway, elevator shafts and pipe recesses, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Duane, Chiefs of Battalion Howe, Kenlon and Devanny.

The services of twelve engine companies, Search Light Engine Company 2, four hook and ladder companies and Water Tower 3 were required, and the duration of the fire was one hour.

Cause unknown.

At 4.55 a. m. and 5.01 a. m., respectively, second and third alarms were sent out.

January 13, 1905, 5.51 p. m., Station 15.

Fire occurred at No. 47 Broad street, a four-story brick building, 25 by 125 feet, occupied by dealers in elastic surgical bandages.

Fire originated on the third floor and extended to fourth floor and roof by stairway, pipe recesses and light shaft, considerably damaging building; also extended to No. 45 Broad street, a four-story brick building, 25 by 100 feet, occupied by printers, slightly damaging building; also extended to No. 43 Broad street, a four-story brick, 25 by 125 feet, occupied by printers.

Chief officers present were Edward F. Croker, Chief of Department; Deputy Chief of Department Kruger, Chiefs of Battalion Ross, Larkin, Shay, Hayes and Acting Chiefs of Battalion McAuliffe and McKenna.

The services of twelve engines and four hook and ladder companies were required, and the duration of the fire was thirty-five minutes.

Cause unknown.

At 5.58 p. m. and 6.03 p. m., respectively, second and third alarms were sent out.

January 13, 1905, 11.06 p. m., Station 553.

Fire occurred at Nos. 794 to 798 Tenth avenue, a five-story brick building, 75 by 100 feet, occupied by manufacturers of flexible tubing.

Fire originated on first floor and extended to second, third, fourth and fifth floors through belt holes and flooring, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Binns and Chiefs of Battalion Devanny, Gray, Martin and Howe.

The services of thirteen engine companies, Search Light Engine 2, four hook and ladder companies and Water Tower 3 were required, and the duration of the fire was three hours.

Cause unknown.

At 11.11 p. m. and 11.13 p. m., respectively, second and third alarms were sent out.

January 22, 1905, 2.59 a. m., Station 24.

Fire occurred at Nos. 31 and 33 Pine street, a six-story and basement brick building, 50 by 75 feet, occupied as a restaurant and offices.

Fire originated in basement and extended by stairway and pipe recesses to first, second, third, fourth, fifth and sixth floors and roof, considerably damaging building; also to rear of Nos. 31 and 33 Pine street, a four-story brick building, 50 by 25 feet, occupied as offices, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Charles W. Kruger, Chiefs of Battalion Ross, Larkin, Guerin and Hayes.



The services of twelve engines, Search Light Engine 1, four hook and ladder companies and Water Tower 1 were required, and the duration of the fire was one hour.  
Cause unknown.

At 3.05 and 3.27 a. m., respectively, second and third alarms were sent out.

January 24, 1905, 5.44 p. m., Station 58.

Fire occurred at No. 305 Pearl street, a four-story brick building, 25 by 90 feet, occupied as a cigar factory.

Fire originated on the second floor and extended to third and fourth floors and roof through floors and stairway, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Acting Deputy Chief of Department Larkin, Chiefs of Battalion Hayes, Lucas and Guerin and Acting Chiefs of Battalion Conroy and McAuliffe.

The services of ten engine companies, Search Light Engine 1 and four hook and ladder companies were required, and the duration of the fire was forty-five minutes.

Cause unknown.

At 6.02 p. m. and 6.17 p. m., respectively, second and third alarms were sent out.

January 24, 1905, 6.07 p. m., Station 218.

Fire occurred at No. 61 Crosby street, a four-story brick building, 40 by 100 feet, occupied by manufacturers of paper boxes.

Fire originated on the second floor and extended to third and fourth floors by burning through floors, slightly damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Duane and Acting Deputy Chief of Department Larkin, Chiefs of Battalion Lucas and Guerin and Acting Chief of Battalion Wieland.

The services of twelve engine companies and three hook and ladder companies were required and the duration of the fire was thirty minutes.

Cause unknown.

At 6.20 p. m. and 6.41 p. m. respectively second and third alarms were sent out.

January 25, 1905, 8.30 a. m., Station 466.

Fire occurred at Nos. 656 to 662 First avenue, a six-story brick building, 100 by 100 feet, occupied as Kips Bay Malt House.

Fire originated on the third floor and extended to all floors through chutes and hoistway, destroying same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Duane, Chiefs of Battalion Martin, Gray, Shay, Terpeny and Acting Chiefs of Battalion McGuire, Braisted and Ahearn.

The services of fifteen engine companies, three hook and ladder companies and Water Tower No. 3 were required and the duration of the fire was eight hours.

Cause unknown.

At 8.39 a. m. and 8.44 a. m. respectively second and third alarms were sent out.

January 26, 1905, 1.47 p. m., Station 39.

Fire occurred at Nos. 80 and 81 South street, a five-story brick building, 30 by 50 feet, occupied by manufacturers of oil.

The fire originated on the third floor and extended to first, second, fourth and fifth floors, roof and cellar, by stairways, pipe recesses, shafts and burning through flooring; damage considerable; also extended to No. 78 South street, a five-story brick building, 30 by 60 feet, occupied by sailmakers; damage considerable; also extended to No. 82 South street, a four-story attic brick building, 25 by 100 feet, occupied as steamship offices; damage slight; also extended to No. 40 Fletcher street, a four-story brick, 50 by 75 feet, occupied as a warehouse; damage trifling.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Charles W. Kruger, Chiefs of Battalion Ross, Larkin, Kenlon, Shay, Hayes and Acting Chief of Battalion Brogan.

The services of fourteen engine companies and five hook and ladder companies were required and the duration of the fire was twenty-four hours.

Cause unknown.

At 2.01 p. m. and 2.08 p. m. respectively second and third alarms were sent out.

January 26, 1905, 1.06½ a. m., Station No. 2-398.

Fire occurred at No. 811 Cauldwell avenue, a three-story frame dwelling occupied as dwelling, 20 by 70 feet.

Fire originated in cellar and extended to roof by stairway, considerably damaging building; also extended to No. 805 to 813 Cauldwell avenue, a three-story frame building, 20 by 79 feet, occupied as dwelling, considerably damaging same; also extended to Nos. 815 to 819 Cauldwell avenue, a three-story frame building, 20 by 70 feet, occupied as dwelling; damage considerable; also extended to Nos. 803 and 821 Cauldwell avenue, a three-story frame building, 20 by 70 feet, occupied as dwelling; damage considerable; also extended to No. 812 Eagle avenue, a three-story frame building, 20 by 70 feet, occupied as dwelling; damage trifling.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Sloan, Short and Acting Chiefs of Battalion Nash and Walker.

The services of eight engine companies and four hook and ladder companies were required and the duration of the fire was two hours.

Cause unknown.

At 1.26 a. m. and 1.33 a. m. respectively second and third alarms were sent out.

January 26, 1905, 6.20 p. m., Station 658.

The fire occurred at No. 538 East Eighty-seventh street, a four-story brick building, 25 by 100 feet, occupied by manufacturers of cigar boxes.

Fire originated on second floor and extended to first, third, fourth floors and roof before arrival of department; damage considerable; also extended to No. 536 East Eighty-seventh street, a four-story brown stone building, 20 by 60, occupied as a dwelling; damage trifling; also to No. 540 East Eighty-seventh street, a four-story brown stone building, 25 by 60 feet, occupied as a dwelling; damage trifling; also to Nos. 535 and 537 East Eighty-sixth street, a five-story brick building, 50 by 100 feet, occupied as a hospital; damage slight.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Langford, Chiefs of Battalion Gray and Dougherty and Acting Chiefs of Battalion McCartie and Lawler.

The services of ten engine companies and four hook and ladder companies were required and the duration of the fire was three hours.

Cause unknown.

At 6.28 o'clock p. m. third alarm was sent out.

January 27, 1905, 12.07 p. m., Station 432.

The fire occurred at Nos. 654 to 662 West Thirtieth street, a five-story brick building, 125 feet by 90 feet, occupied as a moulding mill.

The fire originated on the second floor and extended to first, third, fourth and fifth floors by stairway, shafting recesses, damage considerable; also to Nos. 648 to 652 West Thirtieth street, a five-story brick building, 75 by 90 feet, occupied by manufacturers of soap, damage trifling; also northeast corner of Thirteenth avenue and Thirtieth street, a three-story brick building, 25 by 100 feet, occupied as stables, damage considerable; also northeast corner of Thirteenth avenue and Twenty-ninth street, occupied as a lumber yard.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Duane, Chiefs of Battalion Howe, Devanny, Maher, Kenlon and Martin.

The services of eighteen engine companies and five hook and ladder companies were required and the duration of the fire was three hours.

Cause unknown.

At 12.16 p. m. and 12.37 p. m. third and fourth alarms were sent out.

January 30, 1905, 1.39 p. m., Station 2-321.

Fire occurred at Nos. 2413 to 2429 Third avenue, a one-story frame building, 100 by 125 feet, occupied as a storehouse.

Fire originated on the first floor and extended to roof by burning through doors, considerably damaging building; also extended to rear, a one-story brick, 75 by 100 feet, occupied as a storehouse.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Ahearn, Chiefs of Battalion Sloan, Short, King and Dougherty.

The services of 10 engine companies and four hook and ladder companies were required and the duration of the fire was 1 hour and 35 minutes.

Cause unknown.

At 1.48½ p. m. and 1.51 p. m., respectively, second and third alarms were sent out.

Feb. 1, 1905, 6.07½ a. m., Station 2-386.

Fire occurred at Nos. 678 and 680 Eagle avenue, a three-story brick, 40 by 75 feet, occupied as a factory.

Fire occurred on first floor and extended to second and third floors by roof, stairway, and burning through floors, considerably damaging building.

Chief officers present were Deputy Chief of Department Ahearn, Chiefs of Battalion Sloan, King, Terpeny and Acting Chief of Battalion Lawlor.

The services of two hook and ladder companies and six engine companies were required, and the duration of the fire was one hour.

Cause unknown.

At 6.18 a. m. and 6.21 a. m. second and third alarms were sent out.

March 3, 1905, 8.24 a. m., 8.25 a. m., Station 8-336, Station 85.

Fire occurred at Nos. 62 to 66 Thomas street, a five-story iron and brick building, 75 by 100 feet, occupied by manufacturers of willow ware.

Fire originated on the third floor and extended to fourth and fifth floors and roof by stairway, elevator shaft, considerably damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Charles W. Kruger, Chiefs of Battalion Ross, Hayes and Guerin and Acting Chief of Battalion Norton.

The services of fourteen engine companies, four hook and ladder companies, Water Tower No. 1 and spare water tower were required, and the duration of the fire was two hours.

Cause unknown.

At 8.29 a. m. and 8.30 a. m., respectively, second and third alarms were sent out.

February 3, 1905, 5.50 a. m., Station 2-325.

Fire occurred at No. 151 Brook avenue, a five-story brick building, 25 by 90 feet, occupied as a dwelling and for business purposes.

Fire occurred in cellar and extended to roof by stairway, considerably damaging building; also to No. 149 Brook avenue, a four-story brick building, 28 by 80 feet, occupied as dwellings, considerably damaging same; also to No. 153 Brook avenue, a five-story brick building, 25 by 95 feet, occupied as dwellings; damage slight.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Ahearn, Chiefs of Battalion Sloan, King, Short and Acting Chiefs of Battalion Nash and Winter.

The services of eleven engine companies and four hook and ladder companies were required, and the duration of the fire was two hours.

Cause unknown.

At 5.59 o'clock a. m. and 6.10 o'clock a. m., respectively, second and third alarms were sent out.

February 5, 1905, 1.24 a. m., Station 148.

Fire occurred at Nos. 94 to 98 Mott street, a six-story iron and brick building, 75 by 75 feet, occupied by dealers in bedding.

Fire originated on third floor and extended to fourth, fifth and sixth floors and roof, through flooring and stairway, considerably damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Hayes, Larkin, Lucas and Acting Chief of Battalion McAuliffe.

The services of twelve engine companies, Searchlight Engine 1, four hook and ladder companies and Water Tower No. 1 were required, and the duration of the fire was four hours.

Cause unknown.

At 1.31 o'clock a. m. and 1.36½ a. m., respectively, second and third alarms were sent out.

February 9, 1905, 8.11 p. m., Station 554.

Fire occurred at Nos. 806 to 814 Ninth avenue, one and two-story brick building, 125 by 600 feet, occupied by the Metropolitan Traction Company as a car barn.

Fire originated on the first floor and extended to second floor through window, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chiefs of Department Binns and Langford, Chiefs of Battalion Gray, Howe and Martin and Acting Chief of Department Duffy.

The services of fourteen engine companies and four hook and ladder companies were required, and the duration of the fire was two hours.

Cause unknown.

At 8.20 p. m. and 8.35 p. m., respectively, second and third alarms were sent out.

February 11, 1905, 12.14 p. m., Station 492.

Fire occurred at Nos. 1404 to 1410 Broadway, a five-story brick building, 100 by 125 feet, occupied as a theatre (Casino Theatre).

Fire originated on the third floor and extended to fourth floor through partitions, slightly damaging building.

Chief officers present were Chief of Department Edward F. Croker, Acting Deputy Chief of Department Martin, Chiefs of Battalion Devanny, Howe, and Acting Chiefs of Battalion Sheridan and Hauck.

The services of nine engine companies, four hook and ladder companies were required, and the duration of the fire was thirty minutes.

Cause, defective electric wires.

At 12.17¼ p. m. and 12.31 p. m., second and third alarms were sent out.

February 12, 1905, 6.15 p. m., Station 265.

Fire occurred at Nos. 616 and 618 Broadway, a six-story brick building, 50 by 200 feet, occupied by manufacturers of boys' clothing.

Fire originated on the sixth floor and extended to fourth and fifth floors by elevator shaft, slightly damaging building.

Chief officers present were Chief of Department Edward F. Croker, Chiefs of Battalion Larkin, Shay and Maher and Acting Chiefs of Battalion Wieland and McAuliffe.

The services of nine engine companies, Search Light Engine 1, four hook and ladder companies and Water Tower No. 2 were required, and the duration of the fire was thirty minutes.

Cause unknown.

At 6.22 p. m. and 6.25 p. m., respectively, second and third alarms were sent out.

February 13, 1905, 6.15 a. m., Station 497.

Fire occurred at Nos. 47 and 48 West Twelfth street, one-story brick building, 175 by 100 feet, occupied by the Empire Brick and Supply Company.

Fire originated on the first floor, considerably damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Binns, Chiefs of Battalion Devanny, Howe, Martin and Kenlon.

The services of ten engine companies and four hook and ladder companies were required, and the duration of the fire was one hour.

Cause, rain slacking lime.

At 6.27 a. m. and 6.44 a. m., respectively, second and third alarms were sent out.

February 13, 1905, 1.51 p. m., Station 429.

Fire occurred at Nos. 114 to 120 West Thirtieth street, a six-story brick building, 85 by 110 feet, occupied for business purposes.

Fire originated on fourth floor and extended to third, fifth and sixth floors by belt holes, stairway and elevator shaft, considerably damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Binns, Chiefs of Battalion Martin and Shay and Acting Chief of Battalion Skelly.

The services of thirteen engine companies, four hook and ladder companies and Water Tower No. 3 were required, and the duration of the fire was three hours.

Cause unknown.

At 2.20 p. m. and 2.44 p. m., respectively, second and third alarms were sent out.

February 14, 1905, 4.05 p. m., Station 254.

Fire occurred at No. 488 Hudson street, a four-story brown stone and brick building, 75 by 100 feet, occupied as a public school.



Fire originated on the first floor and extended to all floors and roof by heat ducts, recesses and stairway, considerably damaging building; also to No. 490 Hudson street, a three-story attic brick building, 25 by 65 feet, occupied as a pawnshop. Damage trifling.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Guerin, Larkin, Shay and Acting Chief of Battalion Wieland.

The services of ten engine companies, four hook and ladder companies and Water Tower No. 2 were required, and the duration of the fire was eight hours.

Cause unknown.

At 4.08 o'clock p. m. third alarm was sent out.

February 16, 1905, 8.34 p. m., Station 42.

Fire occurred at No. 38 Cortlandt street, a four-story brick building, 25 by 25 feet, occupied by dealers in hardware.

The fire originated in cellar and extended to first, second and third floors by shaft and pipe recesses, considerably damaging building; also to No. 40 Cortlandt street, a four-story brick building, 25 by 125 feet, occupied by dealers in electrical supplies; damage trifling.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Ross, Guerin, Hayes and Acting Chief of Battalion Wieland.

The services of twelve engine companies, Search Light Engine Company 1, four hook and ladder companies and Water Tower No. 1 were required, and the duration of the fire was forty minutes.

Cause unknown.

At 8.47 p. m. and 9.06 p. m., respectively, second and third alarms were sent out.

February 21, 1905, 4.12 a. m., Station 10-338; 4.13 a. m., Station 313.

Fire occurred at Nos. 806-810 Greenwich street, a six-story brick building, 75 by 90 feet, occupied by printers.

Fire originated on the second floor and extended to first, third, fourth, fifth and sixth floors by elevator shaft, pipe recesses and belt holes, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Howe, Hayes, Larkin and Guerin and Acting Chief of Battalion Skelly.

The services of sixteen engine companies, Search Light Engine Company 1, five hook and ladder companies and Water Tower No. 2 were required, and the duration of the fire was four hours.

Cause unknown.

At 4.17 a. m., 4.21 a. m. and 4.34 a. m., respectively, second, third and fourth alarms were sent out.

March 13, 1905, 6.26 p. m., Station 587.

Fire occurred at No. 1231 Second avenue, a three-story brick building, 25 by 100 feet, occupied by carpet cleaning company.

Fire originated on the first floor and extended to rear extension of second floor through windows, considerably damaging same; also to No. 235 East Sixty-fourth street, a one-story frame building, 25 by 100 feet, occupied by wagon painters, considerably damaging same; also to No. 1235 Second avenue, a one-story brick building, 25 by 40 feet, occupied as a bottling establishment, slightly damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Binns, Chiefs of Battalion Dougherty and Devanny and Acting Chiefs of Battalion Sheridan and Hauck.

The services of six engines, three hook and ladder companies were required and the duration of the fire was thirty-five minutes.

Cause unknown.

At 6.35 p. m. and 6.44 p. m., respectively, second and third alarms were sent out.

March 22, 1905, 10.47 p. m., Station 697.

Fire occurred at Nos. 422 to 428 East One Hundred and Sixth street, a three-story frame building, occupied by manufacturers of caskets and coffins.

The fire originated on the first floor and extended by doors, stairway and flooring, considerably damaging building; also Nos. 430 and 434 East One Hundred and Sixth street, a three-story brick building, 50 by 75 feet, and Nos. 436-440 East One Hundred and Sixth street, a three-story brick building, 50 by 75 feet, both buildings occupied by manufacturers of caskets and coffins, considerably damaging buildings.

Chief officers present were Acting Chief of Department Binns, Acting Deputy Chief of Department King, Chiefs of Battalion Shay, Sloan, Gray and Acting Chiefs of Battalion McCartie, Braisted, Corcoran and Crawley.

The services of nineteen engine companies, and five hook and ladder companies were required and the duration of the fire was seven hours.

Cause unknown.

At 10.52 p. m., 10.59 p. m. and 11.18 p. m., respectively, second, third and fourth alarms were sent out.

March 22, 1905, 2.30 p. m., Station 3-927; 2.30½ p. m., Station 265.

Fire occurred at No. 640 Broadway, a nine-story brick and stone building, occupied by manufacturers of ladies' hats.

Fire originated on the seventh floor and extended to eighth and ninth floors, by stairway and elevator shaft, considerably damaging building.

Chief officers present were Acting Chief of Department Binns, Deputy Chief Kruger, Chiefs of Battalion Guerin and Hayes and Acting Chiefs of Battalion Norton and Skelly.

The services of fourteen engine companies, five hook and ladder companies and Water Towers Nos. 1 and 2 were required and the duration of the fire was three hours.

Cause unknown.

At 2.35 p. m. and 2.44 p. m., respectively, second and third alarms were sent out.

April 4, 1905, 6.36 p. m., Station 138; 6.40 p. m., Station 138.

Fire occurred at No. 76 Jefferson street, a six-story brick building, 25 by 80 feet, occupied as tailor shops.

Fire originated on the second floor and extended to third, fourth, fifth, sixth floors and roof, by stairway before the arrival of the Department, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Acting Chief of Department Larkin, Chief of Battalion Ross and Acting Chiefs of Battalion Wieland, McKernan and Norton.

The services of six engine companies, four hook and ladder companies and Search Light Engine Company 1 were required, and the duration of the fire was thirty minutes.

Cause unknown.

At 6.40 o'clock p. m. third alarm was sent out.

April 14, 1905, 1.27 a. m., 1.33 a. m., 1.36 a. m., 1.39 a. m., Station 169.

Fire occurred at Nos. 127 to 131 Hester street, a seven-story and basement brick building, 75 by 75 feet, occupied as sweatshops.

Fire originated on the third floor and extended to first, second, fourth, fifth, sixth and seventh floors and roof, by stairway, windows and flooring, considerably damaging building; also to No. 63 Forsyth street, a six-story brick building, 50 by 75 feet, occupied as dwelling, slightly damaging same; also to No. 65 Forsyth street, a seven-story brick building, 25 by 75 feet, occupied as a dwelling, slightly damaging same; also to No. 112 Hester street, a five-story brick building, 25 by 60 feet, occupied as a dwelling, damage trifling; also to Nos. 60 to 68 Chrystie street, a four-story brick building, 175 by 125 feet, occupied as a public school, known as No. 7, damage trifling; also to No. 133 Hester street, a three-story basement brick building, 25 by 40 feet, occupied as dwellings, damage trifling; also to No. 117 Hester street, a seven-story brick building, 25 by 75 feet, occupied for business purposes.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Hayes, Larkin, Ross and Acting Chiefs of Battalion Wieland and Worth.

The services of nineteen engine companies, five hook and ladder companies, Searchlight Engine Company 1 and Water Tower 1 were required and the duration of the fire was one hour.

Cause unknown.

At 1.33 a. m., 1.36 a. m. and 1.39 a. m. respectively second, third and fourth alarms were sent out.

April 15, 1905, 1.53 a. m., 1.57 a. m., 1.58 a. m., Station 788.

Fire occurred at Nos. 104 to 110 East One Hundred and Twenty-ninth street, a six-story brick building, 100 by 90 feet, occupied by dealers in wire.

Fire originated on the second floor and extended to third, fourth, fifth and sixth floors, by stairway and air-shaft, considerably damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Duane, Chiefs of Battalion Short, Kenlon and Terpeny and Acting Chiefs of Battalion Roan and McCartie.

The services of thirteen engine companies, four hook and ladder companies and Water Tower 4 were required, and the duration of the fire was six hours and fifty minutes.

Cause unknown.

At 1.57 a. m. and 1.58 a. m. respectively second and third alarms were sent out.

April 25, 1905, 5.04 p. m., Station 171; 5.12 p. m., Station 171; 5.13 p. m., Station 171;

5.15 p. m., Station 172; 5.45 p. m., Station 188.

Fire occurred at Nos. 319 and 321 Grand street, a five-story iron and brick building, 50 by 80 feet, occupied by the Hebrew Free Loan Association.

The fire originated on the second floor and extended to third, fourth and fifth floors and roof, by stairways, light shaft and windows, considerably damaging same; also to Nos. 315 and 317 Grand street, a five-story iron and brick building, 50 by 80 feet, occupied by dealers in furniture, considerably damaging building; also to No. 313 Grand street, a five-story iron and brick building, 25 by 80 feet, occupied by dealers in gents' furnishings, slightly damaging same; also to Nos. 59 and 61 Orchard street, a five-story brick building, 50 by 87 feet, dealers in ladies' wear, slightly damaging building; also to No. 63 Orchard street, a five-story brick building, 25 by 87 feet, occupied for business purposes, considerably damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Kruger, Chiefs of Battalion Hayes, Terpeny, Larkin, Guerin, Ross and Acting Chiefs of Battalion Wieland, McAuliffe, Skelly, Norton and McKernan.

The services of thirteen engine companies, six hook and ladder companies were required and the duration of the fire was eight hours.

Cause unknown.

At 5.12 p. m., 5.13 p. m., 5.15 p. m. and 5.45 p. m. respectively second, third, fourth and fifth alarms were sent out.

April 26, 1905, 2.13 a. m., Station 442.

Fire occurred at No. 281 Fifth avenue, a four-story brick building, 25 by 100 feet, occupied as dwelling and for business purposes.

Fire originated in the cellar and extended to first, second, third and fourth floors and roof, by elevator shaft, well holes and pipe recesses, considerably damaging same.

Chief officers present were Acting Chief of Department John Binns, Acting Deputy Chief of Department Martin, Acting Chiefs of Battalion Hauck and McGuire and Chiefs of Battalion Maher and Devaney.

The services of eleven engine companies, three hook and ladder companies, Water Tower 3 and Searchlight Engine 2 were required, and the duration of the fire was thirty minutes.

Cause unknown.

At 2.18 a. m. and 2.24 a. m. respectively second and third alarms were sent out.

May 12, 1905, 1.01 p. m., 1.04 p. m., 1.06 p. m., 1.19 p. m., Station 453.

Fire occurred at Nos. 524 and 526 West Thirty-fifth street, a six-story brick building, 50 by 100 feet, occupied by manufacturers of furs.

Fire originated in the basement and extended to first, second, third, fourth, fifth and sixth floors by hatchway, belt holes and stairway, considerably damaging building; also to Nos. 516 to 528 West Thirty-fifth street (rear), a six-story brick building, 175 by 50 feet, occupied by fur manufacturers, considerably damaging building; also to Nos. 516 to 520 West Thirty-fifth street (front), a three-story building, 75 by 50 feet, considerably damaging same; also to No. 528 West Thirty-fifth street, a two-story brick building, 25 by 60 feet, slightly damaging same; also to Nos. 527 to 531 West Thirty-fourth street, a six-story brick building, 75 by 200 feet, occupied as a factory, trifling damage to same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Langford, Chiefs of Battalion Devaney, Howe, Martin, Maher and Kenlon and Acting Chief of Battalion Sheridan.

The services of eighteen engine companies, five hook and ladder companies and Water Tower 3 were required, and the duration of the fire was one hour and thirty minutes.

Cause unknown.

At 1.04 p. m., 1.06 p. m. and 1.19 p. m. respectively second, third and fourth alarms were sent out.

May 16, 1905, 2.57 p. m., 3.01 p. m., 3.02 p. m., 3.20 p. m., Station 147.

Fire occurred at Nos. 198 to 204 Canal street, a six-story brick building, 100 by 100 feet, occupied for business purposes.

Fire originated in cellar and extended to first, second, third, fourth, fifth and sixth floors, by pipe recesses and shaft, considerably damaging building.

Chief officers present were Acting Chief of Department John Binns, Deputy Chief of Department Kruger, Chiefs of Battalion Hayes, Shay, Guerin, Ross and Lucas.

The services of nineteen engine companies, five hook and ladder companies and Water Tower 1 were required, and the duration of the fire was two hours.

Cause unknown.

At 3.01 3.02 and 3.20 p. m., respectively, second, third and fourth alarms were sent out.

May 23, 1905, 6.44 p. m., 6.54 p. m., 6.55 p. m., Station 786.

Fire occurred at No. 201 West One Hundred and Twenty-seventh street, a five-story brick building, 25 by 90 feet, occupied as a dwelling.

Fire originated in cellar and extended to first, second, third, fourth and fifth floors by shaft and stairway before the arrival of the Department.

Chief officers present were Chief of Department Edward F. Croker, Acting Deputy Chief of Department King, Chiefs of Battalion Short, Terpeny, Sloan and Acting Chief of Battalion Crawley.

The services of nine engine companies and four hook and ladder companies were required, and the duration of the fire was three hours and fourteen minutes.

Cause unknown.

At 6.54 and 6.55 p. m., respectively, second and third alarms were sent out.

June 11, 1905, 10.10 p. m., 10.16 p. m., 10.17 p. m., 10.30 p. m., Station 415.

Fire occurred at Nos. 281 and 289 Ninth avenue, to Nos. 404 to 414 West Twenty-seventh street, a four-story brick building, 100 by 150 feet.

Fire originated on the first floor and extended to second, third and fourth floors by recesses and shaft, considerably damaging building.

Chief officers present were Acting Chief of Department John Binns, Deputy Chief of Department Langford, Chiefs of Battalion Howe, Martin, Guerin and Acting Chiefs of Battalion Duffy and Skelly.

The services of eighteen engine companies, five hook and ladder companies, Search Light Engine 2 and Water Tower 3 were required, and the duration of the fire was one hour.

Cause unknown.

At 10.16 p. m., 10.17 p. m. and 10.30 p. m., second, third and fourth alarms were sent out.

June 26, 1905, 12.56 p. m., 12.59 p. m., 1.03 a. m., Station 147.

Fire occurred at Nos. 198 to 204 Canal street, a six-story brick building, 100 by 100 feet, occupied for business purposes.



Fire originated on the third floor and extended to fourth, fifth and sixth floors and roof by shaft, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Guerin, Larkin and Ross and Acting Chief of Battalion McKernan.

The services of fourteen engine companies, four hook and ladder companies and Water Tower 1 were required, and the duration of the fire was two hours.

Cause unknown.

At 12.59 p. m. and 1.03 a. m., respectively, second and third alarms were sent out.

June 26, 1905, 7.21 a. m., 7.25 a. m., 7.30 a. m., Station 358.

Fire occurred at Nos. 127 to 133 West Seventeenth street, a six-story brick building, 100 by 90 feet, occupied by manufacturers of ladies' waists.

Fire originated on the second floor and extended to third, fourth and fifth floors by pipe recesses and windows, considerably damaging building.

Chief officers present were Acting Chief of Department Duane, Deputy Chief of Department Langford, Chiefs of Battalion Guerin and Howe and Acting Chief of Battalion Worth.

The services of nine engine companies, three hook and ladder companies and Water Tower 2 were required, and the duration of the fire was twenty-five minutes.

Cause unknown.

At 7.25 a. m. and 7.30 a. m., second and third alarms were sent out.

June 26, 1905, 4 a. m., 4.11 a. m., 4.21½ a. m., Station 341.

Fire occurred at No. 46 East Fourteenth street, a six-story iron building, 35 by 200 feet, occupied by ladies' tailors.

Fire originated on the fourth floor and extended to fifth and sixth floors and roof by burning through floor, considerably damaging building.

Chief officers present were Acting Chief of Department Duane, Deputy Chief Langford, Chiefs of Battalion Shay and Howe and Acting Chiefs of Battalion Skelly and Worth.

The services of fourteen engine companies, three hook and ladder companies and Water Tower 2 were required, and the duration of the fire was fifty minutes.

Cause unknown.

At 4.11 a. m. and 4.21½ a. m., respectively, second and third alarms were sent out.

June 30, 1905, 12.29 p. m., Station 342; 12.45 p. m., Station 342; 1.05½ a. m., Station 342.

Fire occurred at Nos. 60 and 62½ East Fourteenth street, a three-story brick building, 50 by 75, occupied by clothiers.

Fire originated in cellar and extended to first floor through floor and shaft, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Martin and Howe and Acting Chiefs of Battalion Skelly and McAuliffe.

The services of fourteen engine companies and four hook and ladder companies were required, and the duration of the fire was forty-five minutes.

Cause unknown.

At 12.45 p. m. and 1.05½ p. m., respectively, second and third alarms were sent out.

July 5, 1905, 2.27 a. m., Station 514.

Fire occurred at Nos. 501-503 West Forty-fourth street, a five-story brick building, 50 by 50, occupied by carpenter and builder.

Fire originated on second floor, by elevator shaft, and extended to third, fourth and fifth floors by elevator shaft, considerably damaging building; also to Nos. 615-619 Tenth avenue, a five-story brick building, 75 by 50 feet, occupied as a piano factory; damage trifling.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief Langford, Chiefs of Battalion Devanny, Martin, Shay and Gray.

The services of seven engine companies, Searchlight Engine 2 and two hook and ladder companies were required, and the duration of the fire was forty minutes.

Cause unknown.

At 2.32 a. m. and 2.36 a. m., respectively, second and third alarms were sent out.

July 7, 1905, 10.33 p. m., Station 451.

Fire occurred at Thirty-fifth street and North river, hay barge, "Harvest Queen," 50 by 50.

Fire originated on main deck and extended to upper deck by open sides, considerably damaging same; also to barge "Everett and Jessie," 50 by 150, considerably damaging same; also to barge "Geraldine," 40 by 120; also to public dock, 60 by 700, damage trifling; also to six railroad cars, New York Central freight cars; damage trifling.

Chief officers present were Acting Chief of Department William Duane, Deputy Chief Langford, Acting Deputy Chief of Department Callaghan, Chiefs of Battalion Devanny, Gray and Acting Chief of Battalion McGuire.

The services of five engine companies and two hook and ladder companies were required, and the duration of the fire was four hours and forty minutes.

Cause unknown.

At 10.40 p. m. and 10.47 p. m., respectively, third and fourth alarms were sent out.

July 7, 1905, 7.38 p. m., Station 8-19; 7.43 p. m., Station 348.

Fire occurred at Nos. 352 to 362 West Thirteenth street, a seven-story brick building, 100 by 150, occupied as a dwelling and for business purposes.

Fire originated on the fifth floor and extended to sixth and seventh floors and roof by stairway, pipe recesses and belt holes, considerably damaging building.

Chief officers present were Acting Chief of Department William Duane, Deputy Chief Langford, Chiefs of Battalion Shay, Maher, Devanny and Acting Chiefs Worth and McAuliffe.

The services of eighteen engine companies, Searchlight Engines 1 and 2, five hook and ladder companies and Water Towers 2 and 3 were required, and the duration of the fire was ten hours.

Cause unknown.

At 7.51 p. m. and 8.11 p. m., respectively, second, third and fourth alarms were sent out.

July 8, 1905, 6.40 p. m., Station 10-236; 6.42 p. m., Station 168.

Fire occurred at Nos. 182-184 Grand street, a six-story brick building, 50 by 100, occupied for business purposes.

Fire originated in cellar and extended to first and second floors by pipe recesses, slightly damaging same.

Chief officers present were Acting Chief of Department Duane, Acting Deputy Chief of Department Larkin, Chiefs of Battalion Hayes, Guerin and Acting Chiefs of Battalion Norton and Skelly.

The services of twelve engine companies and four hook and ladder companies were required, and the duration of the fire was two hours and thirty minutes.

Cause unknown.

At 6.51 p. m. and 7.01 p. m., respectively, second and third alarms were sent out.

August 8, 1905, 6.31 a. m., Station 543.

Fire occurred at Nos. 672-678 Fifth avenue, a one-story brownstone building, 100 by 150, occupied as a church.

Fire originated on first floor and extended throughout building before the arrival of Department, considerably damaging same; also to No. 680 Fifth avenue, a five-story brick and stone building, 50 by 100 feet, occupied as a dwelling, slightly damaging same.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Langford, Acting Deputy Chief of Department Callaghan, Chiefs of Battalion Gray, Devanny and Maher and Acting Chiefs of Battalion Sheridan and Hauck.

The services of fourteen engine companies, five hook and ladder companies and Water Tower No. 3 were required, and the duration of the fire was three hours and thirty minutes.

Cause unknown.

At 6.36 a. m., 6.36 a. m., 6.49 a. m., respectively, second, third and fourth alarms were sent out.

August 11, 1905, 2.55 a. m., Station 310; 3.04 a. m., Station 313.

Fire occurred at Nos. 383 and 385 West Twelfth street, a three-story brick building, 50 by 100 feet, occupied by soap makers.

Fire originated on first floor and extended to second and third floors through party walls, considerably damaging same; also to No. 381 West Twelfth street, a five-story brick building, 25 by 100 feet, occupied by cushion shoe makers; damage trifling.

Chief officers present were Acting Chief of Department John Binns, Acting Deputy Chief of Department Larkin, Chiefs of Battalion Howe, Guerin, Shay and Terpeny and Acting Chief of Battalion Norton.

The services of fourteen engine companies, six hook and ladder companies and Water Tower No. 2 were required, and the duration of the fire was thirty-three hours.

Cause unknown.

At 3.11 a. m. third alarm was sent out.

August 14, 1905, 9.10 p. m., Station 264.

Fire occurred at Nos. 204 and 206 Green street, a six-story brick building, 50 by 90 feet, occupied by dealers in white goods.

Fire originated in cellar and extended to first, second, third, fourth, fifth and sixth floors by elevator shaft, considerably damaging same.

Chief officers present were Acting Chief of Department Binns, Acting Deputy Chief of Department Larkin, Chiefs of Battalion Shay, Lucas and Guerin, and Acting Chiefs of Battalion Brogan and McAuliffe.

The services of eighteen engine companies, Search Light engines 1 and 2, six hook and ladder companies and Water Tower No. 2 were required, and the duration of the fire was two hours.

Cause unknown.

At 9.14 p. m., 9.16 p. m. and 9.35 p. m., second, third and fourth alarms were sent out, respectively.

September 3, 1905, 3.54 a. m., Station 744.

Fire occurred at No. 310 West One Hundred and Eighteenth street, a five-story brick building, 25 by 90 feet, occupied as dwelling.

Fire originated on first floor and extended to second, third, fourth and fifth floors by stairway, considerably damaging same.

Chief officers present were Acting Deputy Chief of Department Callaghan, Chiefs of Battalion Short and Sloan and Acting Chiefs of Battalion O'Hearn and Walker.

The services of six engine companies and four hook and ladder companies were required, and the duration of the fire was two hours and thirty minutes.

Cause unknown.

At 4.05 o'clock a. m. third alarm was sent out.

September 20, 1905, 7.38 a. m., Station 753.

Fire occurred at Nos. 2309 to 2315 Eighth avenue, a two-story brick building, 125 by 100 feet, occupied as a pool parlor.

Fire originated on second floor and extended by windows and light shafts to No. 2317 Eighth avenue, a four-story brick building, 100 by 100 feet, occupied as a hotel, damage slight; also to No. 317 West One Hundred and Twenty-fourth street, a five-story brick building, 25 by 80 feet, occupied as a dwelling, damage trifling.

The chief officers present were Edward F. Croker, Chief of Department; Acting Deputy Chief of Department Callaghan, Chiefs of Battalion Short, Sloan, and Acting Chiefs of Battalion Lawlor, Walker and O'Hearn.

The services of nine engine companies, four hook and ladder companies were required, and the duration of the fire was two hours and fifty minutes.

Cause unknown.

At 7.47 a. m. and 7.50 a. m., respectively, second and third alarms were sent out.

September 25, 1905, 8.57 a. m., Station 156.

Fire occurred at Nos. 365, 366 and 367 South street, a five-story brick building, 50 by 100 feet, occupied as a stable.

Fire originated on fifth floor and extended to roof, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Lucas, Hayes, Kenlon, Terpeny, and Acting Chief of Battalion Norton.

The services of eleven engine companies, three hook and ladder companies, Water Tower No. 1 were required, and the duration of the fire was two hours.

Cause unknown.

At 9.04 a. m. and 9.13 a. m., respectively, second and third alarms were sent out.

September 29, 1905, 7.03 p. m., Station 152.

Fire occurred at No. 124 East Broadway, a six-story brick building, 25 by 90 feet, occupied as dwelling and for business purposes.

Fire originated in cellar and extended to first, second and third floors by burning through floors and stairways, slightly damaging same.

Chief officers present were Acting Chief of Department John Binns, Deputy Chief of Department Kruger, Chiefs of Battalion Lucas and Terpeny, and Acting Chief of Battalion Norton.

The services of three engine companies, two hook and ladder companies, Water Tower No. 1 and Search Light Engine 1 were required, and the duration of the fire was thirty minutes.

Cause unknown.

At 7.09 p. m., third alarm was sent out.

October 7, 1905, 12.35 a. m., Station 728; 1 a. m., Station 719.

Fire occurred at Nos. 422 to 428 East One Hundred and Eighth street, a one-story frame building, 100 by 100 feet, occupied as a junk shop and stables.

Fire originated on first floor, considerably damaging same, and extended to Nos. 430 to 438 East One Hundred and Eighth street, a one-story frame building, 100 by 75 feet, occupied as a junk shop, damage considerable; also to No. 440 East One Hundred and Eighth street, 25 by 100 feet, occupied as a stone yard, slightly damaging same; also to Nos. 415 to 437 East One Hundred and Eighth street, 300 by 100 feet, occupied as a lumber yard, considerably damaging same; also to No. 424 East One Hundred and Seventh street, a three-story brick building, 25 by 100 feet, occupied as a carpenter shop, slightly damaging same; also to No. 426 East One Hundred and Seventh street, a one-story frame building, 25 by 50 feet, occupied as a junk shop, slightly damaging same; also to No. 428 East One Hundred and Seventh street, three-story brick building, 25 by 100 feet, occupied as stables, slightly damaging same; also to Nos. 430 to 440 East One Hundred and Seventh street, a one-story frame building, 100 by 100 feet, occupied as a coal yard, slightly damaging same; also to Nos. 425, 427 and 429 East One Hundred and Sixth street, two-story frame building, 75 by 100 feet, occupied as a wood yard, damage slight.

Chief officers present were Acting Chief of Department John Binns, Deputy Chief of Department William Duane, Chiefs of Battalion Short, Gray, Kenlon and Acting Chiefs of Battalion Corcoran, Roan and Crawley.

The services of twenty engine and six hook and ladder companies were required, and the duration of the fire was fifteen hours.

Cause unknown.

At 1.15 o'clock a. m. and 1.33 o'clock a. m., respectively, third and fourth alarms were sent out.

October 9, 1905, 1.59 a. m., Station 132.

Fire occurred at No. 25 Bowery, a five-story brick building, 50 by 50 feet, occupied for business purposes.

Fire originated on the third floor and extended to second, third and fourth floors and roof, by stairway and burning through flooring; considerably damaging same; also to No. 21 Bowery (rear), a five-story brick building, 50 by 50 feet, occupied for business purposes; damage trifling.

The chief officers present were Acting Chief of Department John Binns, Deputy Chief of Department Charles W. Kruger, Chiefs of Battalion Hayes, Lucas and Terpeny and Acting Chiefs of Battalion Norton and Conroy.

The services of fourteen engine companies, four hook and ladder companies, Search Light Engine 1 and Water Tower No. 1 were required, and the duration of fire was 1 hour and 15 minutes.

Cause unknown.

At 2.04 o'clock a. m. third alarm was sent out.



October 17, 1905, 6.50 p. m., Station 170.

Fire occurred at Nos. 473 and 475 Broadway, an eight-story brick building, 50 by 200 feet, occupied by manufacturers of silks.

Fire originated on seventh floor and extended to sixth and eighth floors, by light and air shaft and stairway, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chief of Battalion Hayes and Acting Chiefs of Battalion Norton, Worth and Conroy.

The services of thirteen engine companies, four hook and ladder companies and Search Light Engine 1 and Water Tower No. 1 were required, and the duration of the fire was 25 minutes.

Cause unknown.

At 6.57 o'clock p. m. third alarm was sent out.

October 26, 1905, 11.52 p. m., Station 162.

Fire occurred at No. 20 Desbrosses street, a six-story brick building, 25 by 75 feet, occupied by dealers in wax paper.

Fire originated on third floor and extended to fourth, fifth and sixth floors by pipe recesses, stairway and windows, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Chief of Battalion Larkin, Hayes, Terpeny, Kenlon and Acting Chiefs of Battalion Worth and Norton.

The services of eleven engine companies, four hook and ladder companies, Search Light Engine 1 and Water Tower No. 1 were required, and the duration of the fire was four hours.

Cause unknown.

At 12.01 a. m. and 12.26 a. m., respectively, second and third alarms were sent out.

November 3, 1906, 5.08 p. m., Station 214.

Fire occurred at Nos. 569 to 573 Greenwich street, a five-story brick building, 75 by 100 feet, occupied by manufacturers of paper boxes.

Fire originated in cellar and extended to first, second, third, fourth and fifth floors by elevator shaft, considerably damaging building.

Chief officers present were Edward F. Croker, Chief of Department; Deputy Chief of Department Charles W. Kruger, Chiefs of Battalion Larkin, Howe and Terpeny and Acting Chiefs of Battalion Worth and Sullivan.

The services of nineteen engine companies, Search Light Engines 1 and 2, five hook and ladder companies and Water Towers Nos. 2 and 1 were required, and the duration of the fire was 5 hours.

Cause unknown.

At 5.15 p. m., 5.26 p. m., 6.06 p. m., respectively, second, third, fourth alarms were sent out.

November 7, 1905, 3.25 a. m., Station 218; 3.32 a. m., Station 218; 3.39 a. m., Station 185.

Fire occurred at No. 63 Crosby street, a five-story brick building, 25 by 90 feet, occupied as a paper supply house.

Fire originated on first floor and extended to second, third, fourth and fifth floors and roof, by elevator shaft and stairway, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Worth, Lucas, Hauck, Hayes and Acting Chief of Battalion Crawley.

The services of twelve engine companies, Search Light Engine Company 1, four hook and ladder companies and Water Tower No. 1 were required, and the duration of the fire was four hours.

Cause unknown.

At 3.32 a. m. and 3.39 a. m., respectively, second and third alarms were sent out.

November 28, 1905, 7.52 p. m., Station 266.

Fire occurred at No. 9 East Fourth street, a six-story building, 25 by 75 feet, occupied by manufacturers of trunks.

The fire originated in cellar and extended to first, second and third floors, through pipe recesses and flooring, slightly damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department Kruger, Chiefs of Battalion Worth, Shay, Crawley and Lucas.

The services of ten engine companies, Search Light Engine Company 1, three hook and ladder companies and Water Tower No. 2 were required, and the duration of the fire was three hours and thirty minutes.

Cause unknown.

At 8.03 p. m. and 8.21 p. m., respectively, second and third alarms were sent out.

December 12, 1905, 5.06 p. m., Station 169.

Fire occurred at Nos. 49 and 51 Elizabeth street, a six-story brick building, 50 by 75 feet, occupied for business purposes.

Fire originated on the second floor and extended to third, fourth, fifth and sixth floors by elevator shaft, belt holes, pipe recesses, considerably damaging building.

Chief officers present were Edward F. Croker, Chief of Department, Deputy Chief of Department Charles W. Kruger, Chiefs of Battalion Hauck, Lucas, Hayes and Acting Chiefs of Battalion Norton and Kane.

The services of eighteen engine companies and Search Light Engine Company 1, five hook and ladder companies and Water Tower No. 1 were required, and the duration of the fire was thirty minutes.

Cause unknown.

At 5.21 p. m., 5.26 p. m., 5.30 p. m., respectively, second, third and fourth alarms were sent out.

December 20, 1905, 10.11 a. m., Station 410; 10.21 a. m., Station 371; 10.22 a. m., Station 371.

Fire occurred at Thirteenth avenue, between Twenty-second and Twenty-third streets, a two-story steel and iron building, 225 by 150 feet, occupied by the Delaware, Lackawanna and Western Railroad Company of New Jersey, as a ferry house.

Fire originated on the first floor, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chiefs of Department John Binns and Thomas Langford, Chiefs of Battalion Martin, Howe, Shay, Devanny, Kenlon, Barrett and Acting Chiefs of Battalion Fox and McGuire.

The services of seventeen engine companies, Search Light Engine Company 2 and five hook and ladder companies were required, and the duration of the fire was twelve hours.

Cause unknown.

At 10.21 a. m. and 10.22 a. m., respectively, second and third alarms were sent out.

December 25, 1905, 2.43 a. m., Station 552.

Fire occurred at Nos. 534 to 538 West Fifty-eighth street, a six-story brick building, 60 by 95 feet, occupied by manufacturers of pianos.

Fire originated on the fourth floor and extended to fifth and sixth floors by stairway, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department John Binns, Chiefs of Battalion Gray and Martin and Acting Chiefs of Battalion Duffy and Livingston.

The services of twelve engine companies, Search Light Engine Company 1 and four hook and ladder companies were required, and the duration of the fire was two hours.

Cause unknown.

At 3.03 a. m. and 3.21 a. m., respectively, second and third alarms were sent out.

December 25, 1905, 5.06 p. m., Station 220.

Fire occurred at Nos. 102-106 Wooster street, a five-story brick building, 75 by 250 feet, occupied by manufacturers.

Fire originated in the cellar and extended to first, second, third, fourth and fifth floors by stairway and recesses, considerably damaging building.

Chief officers present were Chief of Department Edward F. Croker, Acting Deputy Chief Martin, Chiefs of Battalion Worth, Lucas, Hauck and Crawley and Acting Chief of Battalion Norton.

The services of twenty-one engine companies, Search Light Engine Companies 1 and 2, six hook and ladder companies and Water Tower No. 1 were required, and the duration of the fire was one hour and fifty minutes.

Cause unknown.

At 5.12 p. m., 5.13 p. m., 5.55 p. m. and 6.13 p. m., respectively, second, third, fourth and fifth alarms were sent out.

#### Appointments, 1905.

Date.	Name.	Company.
Jan. 20	Charles Hoell .....	Engine Company 2.
Jan. 20	James V. McManus.....	Engine Company 12.
Jan. 20	William D. Bannon.....	Engine Company 27.
Jan. 20	Timothy A. O'Neil.....	Engine Company 30.
Jan. 20	David Rees .....	Hook and Ladder Company 1.
Jan. 20	Francis P. O'Neill.....	Hook and Ladder Company 3.
Jan. 20	Joseph J. Barton.....	Hook and Ladder Company 5.
Jan. 20	James T. McGrath.....	Hook and Ladder Company 6.
Jan. 20	John H. Ziegler.....	Hook and Ladder Company 10.
Jan. 20	Cornelius F. Collins.....	Hook and Ladder Company 15.
Jan. 21	William H. Polye.....	Hook and Ladder Company 3.
Jan. 21	William Nygryn .....	Hook and Ladder Company 11.
Feb. 3	William M. Cox.....	Engine Company 17.
Feb. 3	John L. Kirchner.....	Engine Company 19.
Feb. 3	Joseph Byrne .....	Engine Company 29.
Feb. 3	James J. Breslin .....	Hook and Ladder Company 1.
Feb. 3	Edward Pullen .....	Hook and Ladder Company 10.
Feb. 7	Louis R. Grabowsky, Jr.....	Hook and Ladder Company 6.
Feb. 9	Francis J. Sweeney.....	Engine Company 6.
Feb. 10	George A. Monsees.....	Hook and Ladder Company 5.
Apr. 1	Michael J. Neville .....	Hook and Ladder Company 3.
Apr. 17	Daniel A. Hart.....	Engine Company 7.
Apr. 17	James J. Laracy .....	Engine Company 12.
Apr. 17	Joseph S. Ehrlich.....	Engine Company 12.
Apr. 17	George B. Christman, Jr.....	Engine Company 14.
Apr. 17	Thomas R. Daly .....	Engine Company 15.
Apr. 17	Joseph M. Hiny .....	Engine Company 20.
Apr. 17	James O'Hara .....	Engine Company 25.
Apr. 17	Patrick Herlihy .....	Engine Company 26.
Apr. 17	Charles D. Wiese .....	Engine Company 27.
Apr. 17	Thomas Ward .....	Engine Company 29.
Apr. 17	James Shaw .....	Engine Company 34.
Apr. 17	Walter J. Piper .....	Engine Company 34.
Apr. 17	William C. Connell .....	Engine Company 72.
Apr. 17	Robert Linke .....	Hook and Ladder Company 1.
Apr. 17	John Meyer .....	Hook and Ladder Company 3.
Apr. 17	John R. Duff.....	Hook and Ladder Company 5.
Apr. 17	Henry Von Lubeke.....	Hook and Ladder Company 7.
Apr. 17	Henry M. Uhl.....	Hook and Ladder Company 9.
Apr. 17	William Herlihy .....	Hook and Ladder Company 9.
Apr. 17	John L. Horton.....	Hook and Ladder Company 9.
Apr. 17	Gustav R. Meje.....	Hook and Ladder Company 10.
Apr. 17	Franklin E. Florence.....	Hook and Ladder Company 11.
Apr. 17	Edward Cavanagh .....	Hook and Ladder Company 11.
Apr. 17	Paul M. Bossett.....	Hook and Ladder Company 15.
Apr. 17	Frederick Hanners .....	Hook and Ladder Company 18.
Apr. 17	George H. Gries.....	Hook and Ladder Company 18.
Apr. 17	William J. Fealy.....	Hook and Ladder Company 20.
Apr. 17	Patrick A. Clarkin .....	Hook and Ladder Company 20.
Apr. 17	George L. McKenna.....	Hook and Ladder Company 21.
Apr. 17	George W. Budd.....	Hook and Ladder Company 24.
Apr. 17	William J. Hanlon.....	Engine Company 3.
Apr. 17	John J. Potter.....	Engine Company 16.
Apr. 17	Wm. McAllister .....	Engine Company 27.
Apr. 19	David J. Kidney, Jr.....	Engine Company 31.
Apr. 20	John Snyder .....	Engine Company 72.
Apr. 21	James T. Daniels.....	Hook and Ladder Company 6.
Apr. 21	Walter J. Dugan.....	Hook and Ladder Company 18.
Apr. 25	Frank P. Hamill.....	Engine Company 31.
Apr. 27	John Carrig .....	Hook and Ladder Company 10.
Apr. 29	John R. Kampfer.....	Engine Company 12.
May 5	John E. Moore.....	Engine Company 3.
May 5	Joseph Palett .....	Engine Company 3.
May 5	Michael Lynskey .....	Hook and Ladder Company 6.
May 5	John Mahnken .....	Engine Company 12.
May 5	Benjamin Levy .....	Engine Company 15.
May 5	Joseph J. Monahan.....	Engine Company 16.
May 5	Nathaniel F. Costello.....	Engine Company 17.
May 5	August J. Engel.....	Engine Company 23.
May 5	Joseph Skelly .....	Engine Company 27.
May 5	William J. Daly.....	Engine Company 34.
May 5	Frederick H. Schultz.....	Hook and Ladder Company 20.
May 6	Richard Mangels .....	Hook and Ladder Company 3.
May 6	Leon Meyers .....	Engine Company 1.
May 6	Frederick L. Dulaff.....	Engine Company 17.



Date.	Name.	Company.	Date.	Name.	Company.
May 6	Alfred Kinsella .....	Engine Company 4.	June 23	Henry Meyer .....	Hook and Ladder Company 12.
May 6	William C. Miller .....	Engine Company 19.	June 23	Harry G. Hose .....	Engine Company 1.
May 6	Ferdinand Butenschoen .....	Engine Company 30.	June 23	Henry W. Lein, Jr. ....	Engine Company 13.
May 6	John Loosen .....	Hook and Ladder Company 15.	June 23	William E. Roche, Jr. ....	Hook and Ladder Company 3.
May 7	John Kelly .....	Engine Company 14.	June 23	John J. McGrath .....	Hook and Ladder Company 8.
May 6	Joseph P. Dwyer .....	Engine Company 31.	June 23	Lawrence J. Easley .....	Hook and Ladder Company 5.
May 10	John J. Keating .....	Hook and Ladder Company 3.	June 23	Michael Walsh .....	Hook and Ladder Company 10.
May 11	Francis T. Leonard .....	Engine Company 9.	June 23	William F. Heslin .....	Engine Company 12.
May 11	Frank M. Crosby .....	Engine Company 33.	June 23	George Morrice .....	Engine Company 4.
May 11	William T. Roach .....	Engine Company 7.	June 23	Harry Hauser .....	Engine Company 12.
May 11	John McTigue .....	Engine Company 4.	June 23	Thomas Cullen .....	Hook and Ladder Company 9.
May 11	Daniel W. Barry .....	Hook and Ladder Company 7.	June 23	John J. Keeley .....	Engine Company 17.
May 11	John R. Casey .....	Engine Company 34.	June 23	James J. O'Donnell .....	Hook and Ladder Company 7.
May 11	John Dugan .....	Engine Company 65.	June 23	Aaron A. Klein .....	Hook and Ladder Company 6.
May 11	Simon P. Quinn .....	Engine Company 28.	June 23	William Bannon .....	Engine Company 11.
May 11	George E. Green .....	Hook and Ladder Company 6.	June 23	James A. Ryan .....	Hook and Ladder Company 2.
May 11	Philip Mehle .....	Hook and Ladder Company 11.	June 23	William J. Stone .....	Engine Company 23.
May 11	Albert E. Donovan .....	Engine Company 30.	June 23	Edward F. Holloway .....	Hook and Ladder Company 2.
May 11	Frank Weider .....	Engine Company 6.	June 23	William P. Beecher .....	Engine Company 18.
May 11	John J. Slyman .....	Engine Company 54.	June 23	Charles M. Dooley .....	Engine Company 24.
May 11	Charles Paulus .....	Engine Company 29.	June 23	Peter F. Ward .....	Engine Company 29.
May 11	William M. O'Brien .....	Engine Company 30.	June 23	James J. O'Brien .....	Hook and Ladder Company 24.
May 11	Thomas D. I. Haberlin .....	Engine Company 30.	June 23	Thomas Greehern .....	Hook and Ladder Company 21.
May 11	William G. Krohn .....	Engine Company 5.	June 23	William McIntosh, Jr. ....	Hook and Ladder Company 20.
May 11	Edward W. Heegan .....	Hook and Ladder Company 5.	June 23	John A. Luddy .....	Engine Company 28.
May 11	Henry J. Ball .....	Hook and Ladder Company 3.	June 23	Gustav A. Seegers, Jr. ....	Hook and Ladder Company 15.
May 11	John H. J. Reilly .....	Engine Company 32.	June 23	Cornelius Donohue .....	Hook and Ladder Company 24.
May 12	Felix Reinhardt .....	Engine Company 33.	June 23	John J. Tarpey .....	Hook and Ladder Company 7.
May 12	Frederick W. Mergel .....	Hook and Ladder Company 20.	June 23	George Kuhn .....	Engine Company 15.
May 12	Jeremiah Sullivan .....	Engine Company 12.	June 23	John J. Flood .....	Hook and Ladder Company 4.
May 12	Thomas J. Noona .....	Engine Company 19.	July 24	Wm. J. McDonough (No. 2) ..	Hook and Ladder Company 12.
May 12	James P. McManus .....	Engine Company 18.	July 24	Clarence E. Hunt .....	Engine Company 7.
May 16	Patrick J. Bowen .....	Engine Company 24.	July 24	John J. Peterman .....	Engine Company 31.
May 18	Andrew P. McManus .....	Hook and Ladder Company 12.	July 24	August Matzdorff .....	Hook and Ladder Company 18.
May 20	John E. Nixon .....	Hook and Ladder Company 6.	July 24	Fritz Zechiel .....	Hook and Ladder Company 8.
May 23	Leonard P. Coyle .....	Engine Company 2.	July 24	Joseph J. D'Azevedo .....	Engine Company 34.
May 23	Frank E. Smith .....	Engine Company 13.	July 24	George W. A. Saich .....	Hook and Ladder Company 4.
May 23	Patrick O'Connor .....	Engine Company 13.	July 24	Cornelius M. Bracken .....	Engine Company 32.
May 23	Francis MacTernan .....	Engine Company 18.	July 24	George F. Donovan .....	Hook and Ladder Company 18.
May 24	Max Goldsmith .....	Hook and Ladder Company 8.	July 24	John F. Cooke .....	Engine Company 34.
May 25	William E. Daly .....	Engine Company 26.	July 24	Robert O. Bernitt .....	Engine Company 28.
May 28	Patrick Casey .....	Hook and Ladder Company 7.	July 24	John C. Berroth .....	Engine Company 27.
June 1	James J. Crosby .....	Engine Company 20.	July 24	Fred. J. Trefcer .....	Hook and Ladder Company 8.
June 13	John F. Melia .....	Engine Company 1.	July 24	William Maurer (No. 2) .....	Engine Company 13.
June 13	Ralph M. Fanning .....	Engine Company 3.	July 24	Robert F. Johnson .....	Hook and Ladder Company 5.
June 13	William J. McMahon .....	Engine Company 3.	July 24	John J. Clancey (No. 2) ..	Hook and Ladder Company 15.
June 13	William E. Boyce .....	Engine Company 6.	July 24	Richard J. O'Neil .....	Engine Company 24.
June 13	William J. Stankard .....	Engine Company 7.	July 26	Edward Von Michals .....	Engine Company 7.
June 13	William R. Carlton .....	Engine Company 11.	July 26	George H. Cooney .....	Engine Company 10.
June 13	James E. Overend .....	Engine Company 12.	June 26	Jacob Cohn .....	Engine Company 14.
June 13	Wm. J. Twomey .....	Engine Company 17.	June 27	John M. Bredemeyer .....	Engine Company 16.
June 13	John F. Gavin .....	Engine Company 20.	June 27	William A. Fleming .....	Hook and Ladder Company 20.
June 13	John J. Taets .....	Engine Company 24.	June 28	George A. A. Maude .....	Engine Company 33.
June 13	Otto K. Neumuth .....	Engine Company 26.	June 30	James W. Timoney .....	Engine Company 26.
June 13	John W. Murphy .....	Engine Company 27.	July 1	Alfred J. Royer .....	Engine Company 20.
June 13	Rudolph Eisele .....	Engine Company 33.	July 1	George L. Bannon .....	Engine Company 13.
June 13	James Griffin .....	Engine Company 33.	July 18	John A. Kavanagh, Jr. ....	Hook and Ladder Company 1.
June 13	Max Troy .....	Engine Company 65.	July 24	Joseph Luger .....	Engine Company 7.
June 13	Robert Meehan .....	Engine Company 72.	July 24	Thomas Dugan .....	Hook and Ladder Company 1.
June 13	Joseph Wood .....	Hook and Ladder Company 1.	July 24	Philip J. McMahon .....	Engine Company 23.
June 13	Robt. J. Cleary .....	Hook and Ladder Company 2.	July 24	Michael F. Barrett .....	Engine Company 23.
June 13	Patrick J. Barry .....	Hook and Ladder Company 3.	July 24	Thomas Kilbride .....	Hook and Ladder Company 3.
June 13	Walter Roberts .....	Hook and Ladder Company 5.	July 24	Edward I. Gardner .....	Engine Company 18.
June 13	Thomas J. Monaghan .....	Hook and Ladder Company 8.	July 24	Patrick J. Charters .....	Engine Company 27.
June 13	Paul Schaefer .....	Hook and Ladder Company 9.	July 24	Arthur L. Page .....	Engine Company 33.
June 13	John D. Drew .....	Hook and Ladder Company 10.	July 24	Thomas A. Barry .....	Engine Company 29.
June 13	John Hellthaler .....	Hook and Ladder Company 11.	July 24	Michael D. Curtin .....	Engine Company 30.
June 13	Michael B. Lynagh .....	Hook and Ladder Company 18.	July 24	John D. Miller .....	Hook and Ladder Company 21.
June 13	Samuel P. Lowell .....	Hook and Ladder Company 20.	July 24	Robert P. Thomlinson .....	Hook and Ladder Company 6.
June 13	Thomas Casey .....	Hook and Ladder Company 21.	July 24	Martin J. Moynahan .....	Engine Company 5.
June 13	Edward Joyce .....	Hook and Ladder Company 21.	July 24	Jeremiah F. Collins .....	Engine Company 31.
June 13	Patrick J. Mullane .....	Hook and Ladder Company 24.	July 25	William A. Teaz .....	Engine Company 1.
June 14	Daniel Rogers .....	Engine Company 31.	July 25	William H. Robinson .....	Engine Company 10.
June 14	Edward J. Byrnes .....	Hook and Ladder Company 12.	July 25	James Killelea .....	Engine Company 20.
June 15	Alfred Blass .....	Engine Company 19.	July 26	Richard L. Schmeling .....	Engine Company 55.
June 15	James J. Hughes .....	Engine Company 20.	July 28	Bartholomew Hudner .....	Engine Company 34.
June 15	Arthur P. Hunt .....	Hook and Ladder Company 24.	July 28	William Fehr .....	Engine Company 13.
June 16	Frank P. McKenna .....	Engine Company 15.	July 31	James A. Molloy .....	Engine Company 32.
June 16	Harry J. Bracken .....	Hook and Ladder Company 20.	Aug. 2	John M. Ryan .....	Engine Company 30.
June 17	John M. Shea .....	Hook and Ladder Company 6.	Aug. 2	Herbert S. Martin .....	Hook and Ladder Company 6.
June 22	Joseph T. Dermody .....	Hook and Ladder Company 1.	Aug. 29	John H. Empting .....	Engine Company 31.



Date.	Name.	Company.	Date.	Name.	Company.
Sept. 20	Joseph E. Collins.....	Engine Company 5.	Nov. 3	Anthony Gregor .....	Engine Company 12.
Sept. 20	Hugh Mulligan, Jr.....	Engine Company 11.	Nov. 3	Joseph Willoughby .....	Engine Company 20.
Sept. 20	Henry P. Graham.....	Engine Company 25.	Nov. 3	John J. Kelly.....	Engine Company 28.
Sept. 20	Rudolph F. Gramlich.....	Engine Company 27.	Nov. 3	Eugene J. Caffrey.....	Engine Company 29.
Sept. 20	John McDonnell .....	Engine Company 30.	Nov. 3	John J. Daly.....	Engine Company 29.
Sept. 20	Nathaniel J. Drumm.....	Engine Company 3.	Nov. 3	John E. Copeland.....	Engine Company 30.
Sept. 20	Thomas J. Donahue.....	Engine Company 8.	Nov. 3	Michael V. Corbett.....	Engine Company 33.
Sept. 20	Rudolph Schneider .....	Engine Company 10.	Nov. 3	Timothy H. O'Connor.....	Hook and Ladder Company 3.
Sept. 21	Robert J. Boyle.....	Engine Company 10.	Nov. 3	William Russell .....	Hook and Ladder Company 5.
Sept. 26	Daniel B. Mahoney (reinstated fourth grade Fireman).	Engine Company 23.	Nov. 3	Harry Knapp .....	Hook and Ladder Company 8.
Sept. 28	Charles J. Schrieber.....	Engine Company 12.	Nov. 3	John F. O'Connor.....	Hook and Ladder Company 12.
Sept. 28	John Connors .....	Engine Company 19.	Nov. 3	Otto R. Progel.....	Hook and Ladder Company 21.
Sept. 28	John J. Cafferata.....	Engine Company 19.	Nov. 3	Frank M. O'Shea.....	Hook and Ladder Company 24.
Sept. 28	Harry E. Hauptner.....	Engine Company 21.	Nov. 5	William R. G. McNamara.....	Engine Company 1.
Sept. 28	Joseph Bayer .....	Engine Company 26.	Nov. 5	Harry F. Baker.....	Engine Company 26.
Sept. 28	Pierre A. De Baun.....	Engine Company 65.	Nov. 7	William A. Mann.....	Engine Company 6.
Sept. 28	Valentine J. Steiniger.....	Hook and Ladder Company 18.	Nov. 9	Samuel W. Sadlier.....	Hook and Ladder Company 10.
Sept. 28	Theodore D. Hundemann.....	Hook and Ladder Company 10.	Nov. 9	Michael J. Walsh.....	Hook and Ladder Company 8.
Sept. 28	John W. Kissinger .....	Hook and Ladder Company 12.	Nov. 10	John J. McElligott.....	Hook and Ladder Company 18.
Sept. 28	Thomas H. Donohue.....	Hook and Ladder Company 3.	Nov. 14	Patrick T. Moore.....	Engine Company 12.
Oct. 1	Ernest Bernstein .....	Hook and Ladder Company 6.	Nov. 14	Charles M. Boylan.....	Engine Company 13.
Oct. 1	John J. Connors.....	Engine Company 3.	Nov. 14	Edmond A. May.....	Engine Company 18.
Oct. 13	Richard J. Walsh.....	Hook and Ladder Company 15.	Nov. 14	Joseph M. Fogarty.....	Engine Company 15.
Oct. 13	Albert Cohn .....	Engine Company 31.	Nov. 14	Richard O'Connor .....	Engine Company 29.
Oct. 13	John J. Keeler.....	Engine Company 65.	Nov. 14	Thomas O'Toole .....	Hook and Ladder Company 3.
Oct. 13	Philip Fitzpatrick .....	Engine Company 32.	Nov. 14	Edward A. Cassidy.....	Hook and Ladder Company 5.
Oct. 13	John Frederick .....	Hook and Ladder Company 9.	Nov. 14	Daniel Ryan .....	Hook and Ladder Company 9.
Oct. 13	Joseph Hetzel .....	Hook and Ladder Company 18.	Nov. 14	John J. Nichols.....	Hook and Ladder Company 10.
Oct. 13	Alfred J. Bricca.....	Engine Company 27.	Nov. 14	Leroy Parker .....	Hook and Ladder Company 21.
Oct. 13	John J. Reid.....	Engine Company 1.	Nov. 14	Robert Nelson .....	Hook and Ladder Company 24.
Oct. 13	Frederick Schroth .....	Engine Company 12.	Nov. 14	Robert M. Lennon.....	Hook and Ladder Company 24.
Oct. 13	Richard P. Bergen.....	Engine Company 13.	Dec. 2	Charles Schoener .....	Engine Company 13.
Oct. 13	John Reis .....	Engine Company 13.	Dec. 5	Patrick Donahue .....	Engine Company 9.
Oct. 13	John Weiss .....	Hook and Ladder Company 5.	Dec. 5	Maurice T. Power .....	Engine Company 31.
Oct. 13	Joseph F. Carroll.....	Engine Company 29.	Dec. 27	John J. McMail.....	Hook and Ladder Company 1.
Oct. 13	John J. Hartigan .....	Hook and Ladder Company 5.	Dec. 27	Leon Howard .....	Hook and Ladder Company 5.
Oct. 13	John J. McKeough .....	Hook and Ladder Company 8.	Dec. 28	Robert Bowe .....	Hook and Ladder Company 9.
Oct. 13	Edward M. Distler .....	Hook and Ladder Company 20.	May 1	Edward H. M. Knapp.....	Chaplain.
Oct. 13	Isadore M. Kenny.....	Engine Company 7.	Nov. 3	Herman L. Reis.....	Medical Officer.
Oct. 13	Mortimer F. Sullivan.....	Hook and Ladder Company 1.	Nov. 3	William J. Tierney.....	Medical Officer.
Oct. 13	Patrick J. Hogan.....	Hook and Ladder Company 9.	Feb. 8	Joseph Nugent .....	Stoker, Repair Shops.
Oct. 13	Timothy McVeety .....	Hook and Ladder Company 7.	Feb. 8	John Alcorta .....	Stoker, Repair Shops.
Oct. 13	Michael C. Carey.....	Engine Company 27.	Feb. 8	Richard J. Corcoran.....	Stoker, Engine Company 51.
Oct. 13	Arthur T. Cole.....	Hook and Ladder Company 10.	Feb. 8	Edward J. Brady.....	Stoker, Engine Company 66.
Oct. 13	George Taylor .....	Hook and Ladder Company 5.	Feb. 22	Thomas Philbin .....	Foreman Ship Carpenter.
Oct. 19	Joseph Quigg .....	Engine Company 31.	Mar. 1	Chas. K. Hinnan.....	Temporary Auto-Engineman.
Oct. 20	Charles M. McCarthy.....	Hook and Ladder Company 1.	Mar. 14	Stephen Murphy .....	Stoker, Engine Company 78.
Oct. 20	Philip J. Metzger, Jr.....	Hook and Ladder Company 3.	Mar. 16	William Lynch .....	Ship Caulker.
Oct. 20	Charles Speiser .....	Hook and Ladder Company 6.	May 9	Nicholas Demetri .....	Stoker, Engine Company 77.
Oct. 20	John J. Kenney.....	Hook and Ladder Company 10.	July 20	Thomas J. Hickey.....	Stoker, Engine Company 51.
Nov. 1	Stephen Bell .....	Engine Company 16.	Sept. 23	Michael O'Brien .....	Stoker, Engine Company 66.
Nov. 3	Richard J. Kane.....	Engine Company 3.	Sept. 28	Patrick J. McElroy.....	Stoker, Engine Company 57.
Nov. 3	Jeremiah F. Mahoney.....	Engine Company 4.	Sept. 28	Wm. Watkinson .....	Temporary Painter, Repair Shops.
			Nov. 22	John J. Kehoe.....	Stoker, Engine Company 66.

## Promotions.

Date.	Name.	From Position and Company.	To Position and Company.
Jan. 18	John J. Conway.....	Assistant Foreman, Engine Company 101.....	Foreman, Engine Company 10.
Jan. 18	James E. Ferris.....	Assistant Foreman, Engine Company 27.....	Foreman, Engine Company 20.
Jan. 18	John Sullivan (No. 1).....	Assistant Foreman, Hook and Ladder Company 1..	Foreman, Hook and Ladder Company 1.
Jan. 18	Gerhardt E. Weber.....	Assistant Foreman, Engine Company 104.....	Foreman, Engine Company 18.
Jan. 18	John W. Jennings.....	Assistant Foreman, Hook and Ladder Company 61.	Foreman, Hook and Ladder Company 20.
Apr. 1	William B. Watts.....	Fireman first grade, Engine Company 21.....	Engineer, Engine Company 21.
Apr. 1	William Meurer .....	Fireman first grade, Engine Company 27.....	Engineer, Engine Company 30.
Apr. 1	Cornelius H. Cunningham.....	Fireman first grade, Engine Company 58.....	Engineer, Engine Company 26.
Apr. 2	Patrick Walsh .....	Fireman first grade, Engine Company 7.....	Engineer, Engine Company 21.
Apr. 4	Matthew J. Campbell.....	Fireman first grade, Engine Company 54.....	Engineer, Engine Company 54.
Apr. 8	Magnus Nitsch .....	Fireman first grade, Engine Company 20.....	Engineer, Engine Company 20.
Apr. 8	Edward Henning, Jr.....	Fireman first grade, Engine Company 25.....	Engineer, Engine Company 12.
Apr. 8	Joseph E. Gleason.....	Fireman first grade Engine Company 27.....	Engineer, Engine Company 6.
Apr. 8	Charles Sprecht .....	Fireman first grade Engine Company 33.....	Engineer, Engine Company 29.
Apr. 8	James F. Daly.....	Fireman first grade Engine Company 50.....	Engineer, Engine Company 3.
Apr. 8	John F. Abbott.....	Fireman first grade, Engine Company 72.....	Engineer, Engine Company 1.
Apr. 8	Matthew P. Fitzpatrick.....	Fireman first grade, Engine Company 117.....	Engineer, Engine Company 55.
Apr. 8	James R. Starkey.....	Fireman first grade, Engine Company 121.....	Engineer, Engine Company 25.
Apr. 15	John B. Hughes.....	Assistant Foreman, Engine Company 33.....	Foreman, Engine Company 33.
Apr. 15	Henry H. Scherb.....	Assistant Foreman, Engine Company 34.....	Foreman, Engine Company 34.
May 1	Matthew Sloan .....	Fireman first grade, Engine Company 77.....	Engineer, Engine Company 77.



Date.	Name.	From		To	
		Position and Company.		Position and Company.	
May 1	Eugene H. Foley.....	Fireman first grade, Engine Company 72.....	Engineer, Engine Company 72.		
May 1	John E. O'Keefe.....	Fireman first grade, Engine Company 44.....	Engineer, Engine Company 32.		
May 1	Charles W. Rankin.....	Fireman first grade, Engine Company 2.....	Engineer, Engine Company 11.		
May 1	Robert McGann .....	Fireman first grade, Engine Company 76.....	Engineer, Engine Company 29.		
May 1	Thomas A. Campbell.....	Fireman first grade, Hook and Ladder Company 3.	Engineer, Engine Company 11.		
May 1	David J. Horgan.....	Fireman first grade.....	Engineer, Engine Company 10.		
May 1	Edward P. Hussey.....	Fireman first grade.....	Engineer, Engine Company 27.		
May 1	Wm. G. McClintock.....	Fireman first grade.....	Engineer, Engine Company 26.		
May 1	Frank P. Haley.....	Fireman first grade.....	Engineer, Engine Company 54.		
May 5	Elmer Mustard .....	Fireman first grade.....	Engineer, Engine Company 12.		
May 5	Frank R. Downs.....	Fireman first grade.....	Engineer, Engine Company 9.		
May 5	William Dugan .....	Fireman first grade.....	Engineer, Engine Company 65.		
May 5	Leon S. McKinney.....	Fireman first grade.....	Engineer, Engine Company 29.		
May 5	John A. Slowey.....	Fireman first grade.....	Engineer, Engine Company 18.		
May 5	Patk. J. Marron.....	Fireman first grade.....	Engineer, Engine Company 1.		
May 7	George Bauer .....	Engineer of Steamer.....	Assistant Foreman, Engine Company 1.		
May 7	Michael J. Niven.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 28.		
May 7	Seymour J. Guy.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 65.		
May 7	Matthew Dalton .....	Engineer of Steamer.....	Assistant Foreman, Engine Company 29.		
May 7	John J. Trainor .....	Engineer of Steamer.....	Assistant Foreman, Engine Company 15.		
May 7	John J. Pitzer.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 8.		
May 7	Alexander Boyd .....	Engineer of Steamer.....	Assistant Foreman, Engine Company 57.		
May 7	Edward T. Eckart.....	Fireman first grade.....	Assistant Foreman, Engine Company 31.		
May 7	John R. McCullom.....	Fireman first grade.....	Assistant Foreman, Engine Company 14.		
May 7	William Cullen .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 1.		
May 7	Thomas W. Smith.....	Fireman first grade.....	Assistant Foreman, Engine Company 19.		
May 7	George Tritenbach .....	Fireman first grade.....	Assistant Foreman, Engine Company 8.		
May 7	Michael Mahoney .....	Fireman first grade.....	Assistant Foreman, Engine Company 30.		
May 7	John Clarke .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 10.		
May 7	Rudolph Illig .....	Fireman first grade.....	Assistant Foreman, Engine Company 21.		
May 7	Chas. F. Douth.....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 24.		
May 7	Reuben McGrath .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 3.		
May 7	Thomas Mitchell .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 4.		
May 7	Charles Jacobs .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 6.		
May 24	Charles Schwimbersky .....	Assistant Foreman.....	Foreman, Engine Company 27.		
June 20	Robert S. Stryker .....	Fireman first grade.....	Engineer of Steamer, Engine Company 31.		
June 20	Harry M. Siegel.....	Fireman first grade.....	Engineer of Steamer, Engine Company 24.		
June 21	William J. Brown.....	Fireman first grade.....	Engineer of Steamer, Engine Company 13.		
June 21	William Ellis .....	Fireman first grade.....	Engineer of Steamer, Engine Company 14.		
June 21	John Armstrong .....	Fireman first grade.....	Engineer of Steamer, Engine Company 23.		
July 1	Bernard Brockwehl .....	Fireman first grade.....	Engineer of Steamer, Engine Company 28.		
July 1	Robert H. Gropp.....	Fireman first grade.....	Engineer of Steamer, Engine Company 16.		
July 1	Stephen W. McKenna.....	Fireman first grade.....	Engineer of Steamer, Engine Company 34.		
July 1	John J. Tait.....	Fireman first grade.....	Engineer of Steamer, Engine Company 51.		
July 1	Luke Flanagan .....	Fireman first grade.....	Engineer of Steamer, Engine Company 77.		
July 1	Thomas J. Boyle.....	Fireman first grade.....	Engineer of Steamer, Engine Company 30.		
July 1	Patrick Hickey .....	Fireman first grade.....	Engineer of Steamer, Engine Company 14.		
July 1	William J. Fox.....	Fireman first grade.....	Engineer of Steamer, Engine Company 33.		
July 1	William Maurer .....	Fireman first grade.....	Engineer of Steamer, Engine Company 18.		
July 1	George W. Hurst.....	Fireman first grade.....	Engineer of Steamer, Engine Company 20.		
July 1	Patrick H. McCabe.....	Fireman first grade.....	Engineer of Steamer, Engine Company 32.		
July 1	Joseph T. Reilly.....	Fireman first grade.....	Engineer of Steamer, Engine Company 16.		
July 1	Maurice Foley .....	Assistant Foreman.....	Foreman, Engine Company 7.		
July 1	John W. Smith.....	Assistant Foreman.....	Foreman, Engine Company 55.		
July 1	Thos. J. McGowan.....	Assistant Foreman.....	Foreman, Engine Company 9.		
July 1	Louis A. Craco.....	Assistant Foreman.....	Foreman, Engine Company 17.		
July 1	Chas. H. Davenport.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 78.		
July 17	Joseph M. Biggers.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 10.		
July 17	John J. McCall, Jr.....	Fireman first grade.....	Assistant Foreman, Engine Company 3.		
July 17	Thomas J. Reynolds.....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 21.		
July 17	George W. Lappine.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 55.		
July 17	Henry F. Shanahan.....	Fireman first grade.....	Assistant Foreman, Engine Company 4.		
July 17	Richard C. Frazer.....	Fireman first grade.....	Assistant Foreman, Engine Company 34.		
July 17	William O'Gorman .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 2.		
July 17	Alexander McCrimlisk .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 18.		
July 19	George F. Ricketts.....	Fireman first grade.....	Assistant Foreman, Engine Company 30.		
July 20	J. J. Birmingham .....	Fireman first grade.....	Engineer of Steamer, Engine Company 23.		
July 20	Chas. B. Stanfield.....	Fireman first grade.....	Engineer of Steamer, Engine Company 65.		
July 20	George C. Farr.....	Fireman first grade.....	Engineer of Steamer, Engine Company 2.		
July 20	August Voges .....	Fireman first grade.....	Engineer of Steamer, Engine Company 31.		
July 20	George E. Read.....	Fireman first grade.....	Engineer of Steamer, Engine Company 3.		
July 20	Thomas Porter .....	Fireman first grade.....	Engineer of Steamer, Engine Company 55.		
July 20	Chas. P. Cavanagh.....	Fireman first grade.....	Engineer of Steamer, Engine Company 16.		
July 20	John J. Westrich.....	Fireman first grade.....	Engineer of Steamer, Engine Company 72.		
July 20	John C. Cregan.....	Fireman first grade.....	Engineer of Steamer, Engine Company 19.		
July 26	John J. Cummings.....	Fireman first grade.....	Engineer of Steamer, Engine Company 1.		
July 21	Charles E. Meadows.....	Fireman first grade.....	Engineer of Steamer, Engine Company 3.		
July 26	Patrick P. Marshall.....	Fireman first grade.....	Engineer of Steamer, Engine Company 18.		
July 30	Peter F. Martin.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 14.		
Aug. 23	Charles A. Fredericks.....	Fireman first grade.....	Engineer of Steamer, Engine Company 16.		



Date.	Name.	From Position and Company.	To Position and Company.
Aug. 23	Thomas Buckley .....	Fireman first grade.....	Engineer of Steamer, Engine Company 4.
Sept. 20	William A. Frazee.....	Fireman first grade.....	Engineer of Steamer, Engine Company 16.
July 17	Frank Argue .....	Fireman first grade.....	Assistant Foreman, Engine Company 8.
Sept. 20	Edward J. Connelly.....	Fireman first grade.....	Engineer of Steamer, Engine Company 14.
Sept. 22	Daniel J. Murray.....	Fireman first grade.....	Engineer of Steamer, Engine Company 11.
Sept. 22	John G. Kranz.....	Fireman first grade.....	Engineer of Steamer, Engine Company 4.
Sept. 22	Casper Kraft .....	Fireman first grade.....	Engineer of Steamer, Engine Company 13.
Sept. 22	Thomas W. McGirr.....	Fireman first grade.....	Engineer of Steamer, Engine Company 8.
Sept. 22	William J. Breen.....	Fireman first grade.....	Engineer of Steamer, Engine Company 78.
Sept. 22	Joseph Riddle .....	Fireman first grade.....	Engineer of Steamer, Engine Company 66.
Sept. 26	George A. Buchanan.....	Fireman first grade.....	Engineer of Steamer, Engine Company 30.
Sept. 27	Samuel Roxbury .....	Assistant Foreman.....	Foreman, Engine Company 17.
Oct. 1	Frank Ulrich .....	Fireman first grade.....	Engineer of Steamer, Engine Company 15.
Oct. 6	George J. Klein.....	Assistant Foreman.....	Foreman, Engine Company 10.
Oct. 26	John J. McMahon.....	Fireman first grade.....	Engineer of Steamer, Engine Company 2.
Oct. 26	Timothy Dufficy .....	Fireman first grade.....	Engineer of Steamer, Engine Company 8.
Oct. 26	James M. Mundy .....	Fireman first grade.....	Engineer of Steamer, Engine Company 11.
Oct. 26	Thomas J. Tighe.....	Fireman first grade.....	Engineer of Steamer, Engine Company 12.
Oct. 26	Peter L. Hoffman.....	Fireman first grade.....	Engineer of Steamer, Engine Company 13.
Oct. 26	Chris. A. Hoffman.....	Fireman first grade.....	Engineer of Steamer, Engine Company 13.
Oct. 26	John J. Perry.....	Fireman first grade.....	Engineer of Steamer, Engine Company 14.
Oct. 26	James F. Brady.....	Fireman first grade.....	Engineer of Steamer, Engine Company 19.
Oct. 26	William Noble .....	Fireman first grade.....	Engineer of Steamer, Engine Company 23.
Oct. 26	Charles E. Doyle.....	Fireman first grade.....	Engineer of Steamer, Engine Company 24.
Oct. 26	Joseph E. Byrne.....	Fireman first grade.....	Engineer of Steamer, Engine Company 26.
Oct. 26	Martin J. Graham .....	Fireman first grade.....	Engineer of Steamer, Engine Company 27.
Oct. 26	Louis Jordan .....	Fireman first grade.....	Engineer of Steamer, Engine Company 29.
Oct. 26	Martin J. Boyne .....	Fireman first grade.....	Engineer of Steamer, Engine Company 30.
Oct. 26	Joseph B. Fish.....	Fireman first grade.....	Engineer of Steamer, Engine Company 30.
Oct. 26	Charles C. Hirschi.....	Fireman first grade.....	Engineer of Steamer, Engine Company 33.
Oct. 26	Harry J. Camp.....	Fireman first grade.....	Engineer of Steamer, Engine Company 55.
Oct. 26	Frank H. McGuinness.....	Fireman first grade.....	Engineer of Steamer, Engine Company 55.
Nov. 4	William F. Stanton.....	Fireman first grade.....	Engineer of Steamer, Engine Company 9.
Nov. 4	John Cogan .....	Fireman first grade.....	Engineer of Steamer, Engine Company 12.
Nov. 7	Edward W. Lent.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 12.
Nov. 10	Alfred W. Walch.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 12.
Nov. 10	William L. Corley.....	Engineer of Steamer.....	Assistant Foreman, Engine Company 25.
Nov. 10	Ernest A. Willis.....	Fireman first grade.....	Assistant Foreman, Engine Company 16.
Nov. 10	Harry M. Walsh.....	Fireman first grade.....	Assistant Foreman, Engine Company 18.
Nov. 10	James C. Brennan.....	Fireman first grade.....	Assistant Foreman, Engine Company 26.
Nov. 10	John Barrett .....	Engineer of Steamer.....	Assistant Foreman, Engine Company 27.
Nov. 10	Peter Benson .....	Engineer of Steamer.....	Assistant Foreman, Hook and Ladder Company 5.
Nov. 10	Adam Neuberth .....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 8.
Nov. 10	Peter J. Haddock.....	Fireman first grade.....	Assistant Foreman, Hook and Ladder Company 20.
Nov. 1	Thomas King (No. 1).....	Foreman .....	Chief of Battalion.
Nov. 1	Michael Martin .....	Foreman .....	Chief of Battalion.
Nov. 4	Thomas F. Kane.....	Foreman .....	Chief of Battalion.
Nov. 4	Edward J. Worth .....	Foreman .....	Chief of Battalion.
Nov. 4	Henry Hauck .....	Foreman .....	Chief of Battalion.
Nov. 4	Joseph Crawley .....	Foreman .....	Chief of Battalion.
Nov. 10	William Bernstein .....	Fireman first grade.....	Assistant Foreman, Engine Company 7.

## Reinstatements.

Date.	Name.	Grade.	Company.
Feb. 10	George A. Monsees.....	Fireman fourth grade.....	Hook and Ladder 5
Apr. 1	Michael J. Neville.....	Fireman third grade.....	Hook and Ladder 3
May 6	Joseph P. Dwyer.....	Fireman third grade.....	Engine 31
Sept. 26	Daniel B. Mahoney.....	Fireman fourth grade.....	Engine 23
Oct. 3	August J. Engle.....	Fireman fourth grade.....	Engine 30
Oct. 21	Charles S. Bass.....	Engineer of Steamer.....	Engine 65
Dec. 30	Harry G. Hose.....	Probationary Fireman.....	Engine 26
Dec. 27	Bernard Hart .....	Stoker .....	Engine 66

## Resignations.

Date.	Name.	Grade.	Company.
Jan. 3	Joseph P. Larkin.....	Fireman third grade.....	Hook and Ladder 15
Jan. 4	James A. McCarthy.....	Fireman fourth grade.....	Hook and Ladder 6
Jan. 6	John O'Byrne * .....	Fireman fourth grade.....	Hook and Ladder 1
Jan. 4	John H. Vogel.....	Probationary Fireman .....	Engine 1
Jan. 6	Michael Neville .....	Fireman third grade.....	Hook and Ladder 10
Jan. 16	George S. Pentz.....	Draughtsman .....	Bureau Chief of Dept.
Feb. 2	Edward S. Boyle.....	Fireman fourth grade.....	Hook and Ladder 5
Mar. 1	Charles J. F. Dougherty.....	Fireman fourth grade.....	Engine 3
Mar. 1	William Ellenbeck, Jr.....	Automobile Engineman.....	
Apr. 13	Francis T. Finnegan.....	Fireman fourth grade.....	Engine 26
Apr. 13	Vance C. Lavender.....	Fireman third grade.....	Engine 31

Date.	Name.	Grade.	Company.
Apr. 14	Edward J. Donohue.....	Fireman fourth grade.....	Hook and Ladder 7
Apr. 8	Bernard Hart .....	Stoker .....	Engine 78
May 1	Charles B. Ackley.....	Chaplain .....	
Apr. 23	Franklin E. Florence.....	Probationary Fireman ....	Hook and Ladder 11
June 9	Max Goldsmith .....	Probationary Fireman ....	Hook and Ladder 8
June 15	William Stankard .....	Probationary Fireman ....	Engine 7
Aug. 3	Frederick Hinners .....	Fireman fourth grade.....	Hook and Ladder 18
July 8	Harry G. Hose.....	Probationary Fireman ....	Engine 1
July 22	August T. Engel.....	Fireman fourth grade.....	Engine 23
July 28	Charles S. Bass.....	Engineer of Steamer.....	Engine 20
Aug. 3	Charles E. Clermont.....	Fireman fourth grade.....	Engine 65
Sept. 14	James Cooney .....	Repair Shops Watchman...	
Sept. 19	George A. A. Maude.....	Fireman fourth grade.....	Engine 33
Sept. 19	John J. Keating.....	Fireman fourth grade.....	Hook and Ladder 3
Sept. 19	Michael J. Looney.....	Fireman fourth grade.....	Engine 17
Sept. 21	Michael Walsh .....	Fireman fourth grade.....	Engine 27
Sept. 21	Michael Lynsky .....	Fireman fourth grade.....	Hook and Ladder 6
Sept. 23	Harry Hauser .....	Fireman fourth grade.....	Engine 12
Sept. 25	Gustave A. Seegers, Jr.....	Fireman fourth grade.....	Hook and Ladder 20
Sept. 26	Alfred Blass .....	Fireman fourth grade.....	Engine 19
Sept. 27	Daniel W. Barry.....	Fireman fourth grade.....	Hook and Ladder 7
Sept. 27	Edward S. Gardner.....	Fireman fourth grade.....	Hook and Ladder 18
Sept. 27	Thomas J. Donohue.....	Probationary Fireman ....	Hook and Ladder 8
Sept. 28	Arthur P. Hunt.....	Fireman fourth grade.....	Hook and Ladder 24
Oct. 2	Richard J. O'Neil.....	Fireman fourth grade.....	Engine 24



Date.	Name.	Grade.	Company.
Oct. 1	Jeremiah McMahon	Fireman third grade	Engine 27
Oct. 2	Thomas H. Donohue	Probationary Fireman	Hook and Ladder 3
Sept. 17	John H. Empting	Probationary Fireman	Engine 31
Oct. 20	Thomas Kilbride	Fireman fourth grade	Hook and Ladder 3
Oct. 16	Edward N. Distler	Probationary Fireman	Hook and Ladder 20
Oct. 25	Isadore M. Kenny, Jr.	Probationary Fireman	Engine 7
Nov. 6	John E. Copeland	Probationary Fireman	Engine 30
Nov. 10	Joseph Bayer	Fireman fourth grade	Engine 26
Dec. 26	Charles J. Knoeppel	Fireman second grade	Engine 50
Dec. 26	Charles McCarthy	Fireman fourth grade	Hook and Ladder 1

\* Transferred to Police Department.

Dismissed or Dropped from the Rolls of Uniformed Force.

Date.	Name.	Grade.	Company.
Jan. 15	Henry E. Breen	Fireman fourth grade	Hook and Ladder 2
Feb. 9	Charles Reith	Fireman second grade	Hook and Ladder 6
Mar. 26	George F. Reid	Fireman fourth grade	Engine 26
Apr. 26	Frederick A. Wandres	Fireman third grade	Engine 4
Apr. 26	Thomas B. Murray, Jr.	Fireman first grade	Engine 74
Apr. 28	Alfred J. Stuart	Engineer of Steamer	Engine 13
May 20	Robert F. O'Connell	Fireman first grade	Engine 71
June 26	Aaron A. Klein	Probationary Fireman	Hook and Ladder 6
July 7	August Watzdorff	Probationary Fireman	Hook and Ladder 18
Oct. 10	John W. McCue	Fireman first grade	Hook and Ladder 104
Nov. 11	Charles Eberhardt	Fireman first grade	Hook and Ladder 23
Dec. 1	James Adrian	Fireman third grade	Engine 26
Dec. 3	Jeremiah F. Mahoney	Probationary Fireman	Engine 4

Retired from All Service for Disability.

Name.	Grade.	Company.	Date of Appointment.	When Retired.	Cause.
Eugene Silverman	Fireman first grade	Engine 66	July 5, 1895	Jan. 1, 1905	Insanity.
Peter Donnelly	Fireman first grade	Engine 69	Mar. 6, 1891	Mar. 1, 1905	Insanity.
Harry F. Kendrigan	Fireman first grade	Engine 37	Mar. 12, 1898	Apr. 13, 1905	Chronic dislocation of shoulder.
Henry J. Padden	Fireman first grade	Engine 39	Dec. 27, 1897	May 8, 1905	Fracture of knee.
John F. Coyle	Engineer of Steamer	Engine 51	Mar. 1, 1893	June 10, 1905	Fracture of both ankles.
Andrew J. Conlon	Fireman first grade	Engine 80	May 5, 1899	July 24, 1905	Epileptic fits.
Charles J. Knapp	Fireman first grade	Hook and Ladder 3	July 15, 1899	July 25, 1905	Tuberculosis.
Thomas O'Flaherty	Fireman first grade	Engine 47	Apr. 1, 1898	Nov. 1, 1905	Tuberculosis.
Patrick H. Coyle	Foreman	Engine 36	Nov. 15, 1894	July 15, 1905	Tuberculosis.

Deaths in Uniformed Force, 1905.

Name.	Grade.	Company.	Date of Appointment.	Date of Death.	Cause.
Patrick O'Brien (No. 2)	Fireman first grade	Engine 48	Jan. 3, 1875	Feb. 24, 1905	Pneumonia.
John T. McCabe	Fireman first grade	Engine 66	Jan. 22, 1892	Mar. 4, 1905	Nephritis.
James F. B. Kiernan	Fireman first grade	Engine 79	Feb. 1, 1900	Mar. 6, 1905	Tuberculosis.
Thomas J. Lynch	Engineer of Steamer	Engine 69	Aug. 19, 1884	Mar. 22, 1905	Cancer of throat.
Joseph C. Coyle	Assistant Foreman	Engine 43	Dec. 17, 1885	Mar. 25, 1905	Bright's disease.
William Brown	Fireman first grade	Engine 76	Sept. 8, 1901	Mar. 25, 1905	Injuries received at fire.
Samuel Lilley	Fireman first grade	Engine 38	Mar. 25, 1896	Mar. 30, 1905	Killed at fire.
Michael H. Roach	Fireman first grade	Hook and Ladder 23	Jan. 3, 1881	Apr. 16, 1905	Heart disease.
William J. Wieland	Foreman	Hook and Ladder 9	Jan. 1, 1890	Apr. 25, 1905	Killed at fire.
Martin J. Touhey	Assistant Foreman	Hook and Ladder 17	Mar. 17, 1872	May 16, 1905	Typhoid fever.
Philip P. Kiernan	Fireman first grade	Engine 52	Mar. 11, 1888	May 29, 1905	Meningitis.
John B. Herron	Fireman first grade	Hook and Ladder 28	Jan. 1, 1890	Aug. 7, 1905	Drowned.
William J. Dayton	Fireman first grade	Hook and Ladder 3	Jan. 1, 1895	Aug. 13, 1905	Killed responding to fire.
Joseph P. Reilly	Engineer of Steamer	Engine 16	Mar. 10, 1902	Aug. 23, 1905	Heart disease.
William Gorman	Assistant Foreman	Engine 56	June 24, 1905	Aug. 24, 1905	Typhoid fever.
William F. Bulger	Fireman first grade	Engine 13	Aug. 24, 1904	Oct. 9, 1905	Cancer of rectum.
Frank Burke	Foreman	Engine 69	Feb. 15, 1869	Oct. 21, 1905	Killed by railroad train.
John Holahan	Fireman third grade	Engine 30	July 31, 1904	Nov. 1, 1905	Tuberculosis.
Daniel J. Sheehan	Assistant Foreman	Engine 67	June 7, 1886	Nov. 5, 1905	Killed at fire.
Charles Leiser	Fireman first grade	Engine 66	Feb. 3, 1894	Nov. 13, 1905	Tuberculosis.

Deaths Among Those Relieved from All Service.

Name.	Grade.	Company.	Date of Appointment.	Date of Retirement.	Cause	Date of Death.	Cause.
Washington Montayne	Assistant Foreman	Engine 3	Oct. 2, 1865	Sept. 11, 1883	Twenty years	Feb. 18, 1905	Pneumonia.
James H. Cowan	Fireman third grade	Hook and Ladder 15	Sept. 15, 1902	Aug. 1, 1904	Tuberculosis	Feb. 28, 1905	Tuberculosis.
William W. Brown	Foreman	Engine 63	June 14, 1876	Jan. 11, 1901	Diabetes and defective vision	Mar. 3, 1905	Heart failure.

Ununiformed.

Date.	Name.	Grade.
Mar. 28	Charles K. Hinnan	Temporary Automobile Engineman.

Office of Medical Officers,  
Nos. 157 and 159 East Sixty-seventh Street,  
New York, February 9, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Dear Sir—I have the honor to report for the Medical Officers of the Boroughs of Manhattan, The Bronx and Richmond, year ending December 31, 1905.

Number of cases of illness..... 710  
Number of cases of injuries..... 391

Total ..... 1,101

Time lost (number of days by illness)..... 8,617  
Time lost (number of days by injuries)..... 5,446

14,063

Examined by Order of Commissioner.

For retirement ..... 14  
For appointment on probation..... 399  
For appointment as firemen of the fourth grade..... 368

Very respectfully submitted,

E. BENJAMIN RAMSDELL, M. D., Medical Officer.

Retired from Uniformed Force After Twenty Years' Service.

Name	Grade.	Company.	Date of Appointment.	When Retired.
Peter Hanlon	Foreman	Engine 2	Feb. 13, 1874	Mar. 1, 1905
James Conway	Fireman first grade	Engine 5	Sept. 4, 1885	Sept. 5, 1905
John Farley	Foreman	Hook and Ladder 24	Jan. 19, 1882	Oct. 20, 1905
James J. Halligan	Fireman first grade	Engine 47	Dec. 8, 1883	Oct. 22, 1905
John H. Leonard	Chief of Construction and Repairs to Apparatus		Feb. 1, 1877	Dec. 16, 1905



Name.	Grade.	Company.	Date of Appointment.	Date of Retirement.	Cause.	Date of Death.	Cause.
Edward F. Slevin.....	Engineer of Steamer...	Engine 49.....	Jan. 2, 1881	Feb. 1, 1902.....	Twenty years.....	Mar. 13, 1905.....	Heart failure.
Henry W. McAdams....	Chief Instructor.....	.....	Sept. 18, 1874	July 3, 1903.....	Twenty years.....	Apr. 27, 1905.....	Paralysis.
John T. Needham.....	Foreman.....	Hook and Ladder 19.....	Jan. 1, 1881	Aug. 1, 1902.....	Twenty years.....	May 11, 1905.....	Apoplexy.
Samuel Reed .....	Assistant Foreman....	Engine 58.....	Sept. 1, 1875	Nov. 1, 1895.....	Twenty years.....	May 23, 1905.....	Heart failure.
William J. Cook.....	Chief of Battalion....	.....	Mar. 1, 1873	July 15, 1900.....	Twenty years.....	May 30, 1905.....	Heart failure.
John Falvey .....	Foreman.....	Hook and Ladder 14.....	July 1, 1874	Jan. 1, 1897.....	Twenty years.....	July 10, 1905.....	Heart failure.
Daniel H. Callahan....	Foreman.....	Engine 41.....	Mar. 1, 1873	May 1, 1904.....	Twenty years.....	July 30, 1905.....	Heart failure.
William H. Keenan....	Fireman first grade....	Engine 50.....	Oct. 28, 1881	Dec. 1, 1901.....	Twenty years.....	Sept. 18, 1905.....	Apoplexy.
George H. Grabe.....	Fireman first grade....	Engine 52.....	Feb. 27, 1891	Jan. 25, 1902.....	Heart disease.....	Nov. 1, 1905.....	Heart failure.
William McLaughlin...	Foreman.....	Engine 24.....	Mar. 22, 1868	Jan. 1, 1902.....	Twenty years.....	Nov. 22, 1905.....	Heart failure.
Ambros L. Austin.....	Fireman first grade....	Engine 38.....	July 1, 1869	Jan. 19, 1883.....	Chronic rheumatism.....	Dec. 1, 1905.....	General debility.

## Deaths Among Those Relieved from Service at Fires.

Name.	Grade.	Company.	Date of Appointment.	Date Relieved.	Cause.	Date of Death.	Cause.
Stephen C. Purdy.....	Fireman first grade....	Engine 22.....	Aug. 3, 1876	Dec. 10, 1892.....	Varicocoele .....	Sept. 10, 1905.....	Cirrhosis of liver.
William Murfeth .....	Fireman first grade....	Engine 50.....	Aug. 25, 1868	Apr. 1, 1884.....	Defective vision .....	Nov. 22, 1905.....	Asthma.

Fire Department, City of New York,  
Headquarters, Deputy Chief of Department,  
New York, March 1, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—In compliance with existing orders, the undersigned Deputy Chiefs of Department having been designated as a Committee to examine the several reports of merit, credited to the members of this Department during the year 1905, and to recommend only such names for record on the Roll of Merit whose work was of sufficient degree to warrant special recognition and commendation, and to eliminate such as would not reach a proper standard, respectfully report having finished such work and submit their conclusions and recommendations, which are as follows, each separate report having been numbered in accordance with its date of reception:

No. 1. Report of rescue, January 22, 1905, at fire at No. 190 Meserole street, Borough of Brooklyn. Fireman first grade Frederick Schultz, Engine Company 116. Recommendation, Class B.

No. 2. Report of rescues, January 22, 1905, at fire at No. 190 Meserole street, Borough of Brooklyn. No recommendation. Work done in line of duty.

No. 3. Report of rescue, January 31, 1905, at fire at Nos. 652 to 656 West Thirtieth street, Borough of Manhattan. No recommendation. Work done in line of duty.

No. 4. Report of rescue, January 30, 1905, at fire at No. 4 York street, Borough of Manhattan. Fireman third grade, Daniel A. Sullivan, Engine Company 31. No recommendation. Work done in line of duty.

No. 5. Report of rescue, January 30, 1905, at fire at No. 4 York street, Borough of Manhattan. No recommendation. Work done in line of duty.

No. 6. Report of rescue, February 1, 1905, at fire at No. 162 William street, Borough of Manhattan. No recommendation. Work done in line of duty.

No. 7. Report of rescue, February 11, 1905, at fire at No. 155 Columbia street, Borough of Brooklyn. Fireman first grade Michael Brennan, Engine Company 103. Recommendation, Class B. Rescue of two persons.

No. 7-A. Report of rescue, February 13, 1905, at fire at No. 183 Nevins street, Borough of Brooklyn. No recommendation. Work done in line of duty.

No. 8. Report of rescue, February 14, 1905, at fire at No. 252 West One Hundred and Forty-third street, Borough of Manhattan. Fireman first grade Edward Page, Hook and Ladder Company 28. Rescue of woman from cellar and extinguishing fire in clothing, sustaining burns to both hands. Recommendation, Class B.

No. 9. Report of rescue, March 6, 1905, at fire at No. 390 to 396 East Third street, Borough of Manhattan. No recommendation.

No. 10. Report of rescue, March 5, 1905, at fire at No. 22 Cherry street, Borough of Manhattan. Fireman fourth grade Frederick Wintrich, Hook and Ladder Company 6. Recommendation, Class B.

No. 11. Report of rescue, March 14, 1905, at fire at No. 105 Allen street, Borough of Manhattan. Fireman fourth grade, C. C. Woodzicke, Engine Company 17. Recommendation, Class A. Also at same fire:

Fireman second grade, Hugh Bonner, Jr., Hook and Ladder Company 6.

Fireman fourth grade, Thos. O'Dea, Hook and Ladder Company 6.

Fireman fourth grade, Ed. C. Cahill, Hook and Ladder Company 6.

Fireman fourth grade, F. J. Dwyer, Hook and Ladder Company 6.

Fireman fourth grade, J. J. Hannigan, Hook and Ladder Company 6.

Fireman fourth grade, J. Gilchrist, Hook and Ladder Company 6.

Fireman fourth grade, M. J. Walsh, Hook and Ladder Company 6.

Recommendation for all of above named, Class B.

No. 12. Report of rescue, March 26, 1905, at fire at No. 281 Fifth avenue, Borough of Manhattan. No recommendation. Work done in line of duty.

No. 13. Report of rescue March 24, 1905, at fire at No. 97 Thompson street, Borough of Manhattan. No recommendation.

No. 14. Report of rescue January 15, 1905, at fire at No. 141 Rockaway avenue, Borough of Brooklyn. No recommendation.

No. 15. Report of rescue March 7, 1905, at Madison Square Garden, Borough of Manhattan. No recommendation.

No. 16. Report of capture of thief April 4, 1905. No recommendation. Outside of line of duty.

No. 17. Report of rescue May 1, 1905, at fire at No. 752 Nostrand avenue, Borough of Brooklyn. No recommendation.

No. 18. Report of rescues May 23, 1905, at fire at No. 201 West One Hundred and Twenty-seventh street, Borough of Manhattan:

Fireman first grade Charles Louth, Hook and Ladder Company 14.

Fireman first grade Peter Nolan, Hook and Ladder Company 28.

Fireman first grade Patrick Barry, No. 2, Hook and Ladder Company 14.

Recommendation for all of the above, Class B.

No. 19. Report of rescue June 9, 1905, at fire at No. 206 Centre street, Borough of Manhattan. No recommendation.

No. 20. Report of removing an old lady from in front of a Brooklyn trolley car by a fireman while off duty. No recommendation.

No. 21. Report of rescue June 10, 1905, at fire at No. 108 West Thirty-ninth street, Borough of Manhattan. No recommendation.

No. 22. Report of rescue June 28, 1905, at fire at No. 4923 Third avenue, Borough of Brooklyn. No recommendation.

No. 23. Report of rescue July 2, 1905, at fire on barge foot of Thirty-fifth street, North river, Borough of Manhattan. No recommendation.

No. 24. Report of stopping runaway horses June 26, 1905, in Spring street, Borough of Manhattan. No recommendation.

No. 25. Report of rescues August 3, 1905, at fire at No. 645 Lorimer street, Borough of Brooklyn. No recommendation.

No. 26. Duplicate of report same as paper No. 21. No recommendation.

No. 27. Report of rescue October 5, 1905, at fire at No. 280 Reid avenue, Borough of Brooklyn. No recommendation.

No. 28. Report of rescues claimed to have been made before consolidation in years 1886 and 1894. No recommendation.

No. 29. Report of capturing a burglar, Borough of Brooklyn. No recommendation.

No. 30. Report of capturing a burglar, Borough of Manhattan. No recommendation.

No. 31. Report of rescue June 10, 1905, at fire at Nos. 33 to 37 South Tenth street, Borough of Brooklyn. No recommendation. Work done in line of duty.

No. 32. Report of rescue November 10, 1905, children playing with tin can of fire in street, igniting clothing of little girl, in Borough of Brooklyn. No recommendation. (Humane act.)

No. 33. Report of rescue November 25, 1905, at fire at No. 1574 Third avenue, Borough of Manhattan. Assistant Foreman Thomas McGrath, Engine Company 22. Recommendation, Class B.

No. 34. Report of rescue December 7, 1905, at fire on steamer "Rosalie," at foot of Fifty-fifth street, Borough of Brooklyn. No recommendation. Work done in line of duty.

No. 35. Report of rescue December 11, 1905, at fire at No. 189 President street, Borough of Brooklyn. Fireman first grade John H. Liddy, Engine Company 104. Recommendation, Class B.

It is respectfully stated that in the reports examined all work not of sufficient merit for Classes A and B have been reported as of no recommendation; also all matters outside the line of duty as firemen.

Respectfully submitted,  
(Signed)

JOHN BINNS,  
THOMAS J. AHEARN,  
CHARLES W. KRUGER,  
Deputy Chiefs of Department.

Fire Department, City of New York,  
Headquarters, Deputy Chief of Department,  
New York, April 23, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—The Deputy Chiefs of Department composing the Roll of Honor Committee have the honor to respectfully submit supplemental report of conclusions on reports of rescues made in January, 1905, which were not acted on at the time of making the regular report of such work owing to delay in transmission of papers.

No. 36. Report of rescue, January 10, 1905, fire at No. 1646 Park avenue, Borough of Manhattan. No recommendation. Work done in line of duty.

No. 37. Report of rescue, January 9, 1905, fire at No. 1055 Broadway, Borough of Brooklyn. No recommendation. Work done in line of duty.

No. 38. Report of rescue, January 11, 1905, fire at 251 Myrtle avenue, Borough of Brooklyn. No recommendation. Work done in line of duty.

No. 39. Report of rescue, January 15, 1905, fire at No. 141 Rockaway avenue, Borough of Brooklyn. No recommendation. Work done in line of duty.

Very respectfully,

(Signed)

JOHN BINNS,  
THOMAS J. AHEARN,  
CHARLES W. KRUGER,  
Deputy Chiefs of Department.

## Award of Medals, 1905.

On Saturday, October 1, 1905, at 2 o'clock p. m., the annual presentation of medals to members of the uniformed force was made by his Honor the Mayor to the following named recipients for the year 1904:

## BOROUGH OF MANHATTAN, THE BRONX AND RICHMOND.

Bennett Medal, Fireman first grade Michael J. Stevens, Hook and Ladder Company 4.

Bonner Medal, Fireman first grade Adam J. Metzler, Hook and Ladder Company 28.

Strong Medal, Fireman first grade Patrick J. Moran, Hook and Ladder Company 104.

Trevor-Warren Medal, Fireman first grade William Weber, Engine Company 35.

Stephenson Medal, Foreman John B. Conlon, Engine Company 78.

## Register of Officers of the Uniformed Force in Active Service, December 31, 1905.

Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
Chief of Department.				
1. Edward F. Croker.	Private.....	June 22, 1884	Assistant Foreman.....	Aug. 16, 1884
			Foreman .....	Feb. 25, 1886
			Chief of Battalion.....	Jan. 2, 1893
			Deputy Chief of Department	July 3, 1898
			Chief of Department*.....	July 1, 1891
Deputy Chiefs of Department.				
2. Duane, William...	Fireman.....	Aug. 8, 1868	Assistant Foreman.....	July 20, 1871
			Foreman .....	Nov. 1, 1881
			Chief of Battalion.....	Jan. 1, 1892
			Deputy Chief of Department	July 1, 1899

\* Dismissed December 1, 1902. Reinstated February 9, 1904.



Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
3. Ahearn, Thomas J.	Fireman.....	May 9, 1873	Assistant Foreman.....	Apr. 1, 1881
			Foreman .....	Feb. 25, 1886
			Chief of Battalion.....	Jan. 2, 1893
			Deputy Chief of Department	Mar. 1, 1900
4. Kruger, Charles W.	Assistant Engineer .....	July 3, 1872	Assistant Foreman.....	Sept. 27, 1877
			Foreman .....	Jan. 1, 1895
			Chief of Battalion.....	Apr. 1, 1897
			Deputy Chief of Department	Apr. 1, 1903
5. Binns, John.....	Private.....	Mar. 22, 1882	Assistant Foreman.....	May 20, 1884
			Foreman .....	Aug. 16, 1884
			Chief of Battalion.....	Dec. 1, 1897
			Deputy Chief of Department	Aug. 14, 1903
6. Langford, Thos. R.	Fireman.....	Dec. 20, 1886	Assistant Foreman.....	Apr. 13, 1896
			Foreman .....	July 10, 1898
			Chief of Battalion.....	Feb. 1, 1901
			Deputy Chief of Department	Dec. 31, 1903
Chief of Battalion.				
7. Short, Peter H....	Fireman.....	May 1, 1875	Assistant Foreman.....	June 1, 1880
			Foreman .....	Apr. 12, 1883
			Chief of Battalion.....	Aug. 4, 1886
			Foreman .....	July 1, 1887
			Chief of Battalion.....	May 22, 1889
8. Shea, Joseph.....	Foreman.....	May 20, 1884	Chief of Battalion.....	Jan. 2, 1893
9. Callaghan, Richard W.	Fireman.....	Sept. 4, 1885	Assistant Foreman.....	Nov. 15, 1891
			Foreman .....	June 3, 1895
			Chief of Battalion.....	July 2, 1898
10. McCartney, Jas. J.	Fireman.....	Aug. 1, 1884	Assistant Foreman.....	Dec. 27, 1887
			Foreman .....	Mar. 1, 1895
			Chief of Battalion.....	July 1, 1899
11. Martin, Jos. B....	Private.....	Jan. 18, 1884	Assistant Foreman.....	Nov. 19, 1889
			Foreman .....	Jan. 5, 1893
			Chief of Battalion.....	Mar. 1, 1900
12. Terpeny, Eugene F.	Private.....	Mar. 7, 1880	Assistant Engineer of Steamer .....	Feb. 10, 1882
			Engineer of Steamer.....	Jan. 1, 1886
			Assistant Foreman.....	Jan. 1, 1894
			Foreman .....	Apr. 13, 1896
			Chief of Battalion.....	Mar. 1, 1900
13. Guerin, William...	Fireman.....	Jan. 1, 1890	Engineer of Steamer.....	Oct. 18, 1894
	Resigned .....	Jan. 1, 1892	Assistant Foreman.....	Apr. 13, 1896
	Reinstated ...	Feb. 11, 1894	Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	Apr. 1, 1900
14. Farrell, Geo. F....	Private.....	Nov. 1, 1880	Assistant Foreman.....	Feb. 1, 1887
			Foreman .....	June 11, 1891
			Chief of Battalion.....	Oct. 1, 1900
15. Gray, Francis J...	Private.....	May 20, 1884	Engineer of Steamer.....	Apr. 10, 1891
			Assistant Foreman.....	Apr. 13, 1896
			Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	July 3, 1902
16. Barrett, Thomas F.	Private.....	Feb. 1, 1883	Assistant Foreman.....	Nov. 19, 1889
			Foreman .....	Jan. 5, 1893
			Chief of Battalion.....	June 28, 1903
17. Devanney, John F.	Private.....	Aug. 18, 1884	Assistant Foreman.....	Nov. 1, 1892
			Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	Aug. 14, 1903
18. King, John F.....	Private.....	Dec. 1, 1883	Assistant Foreman.....	Dec. 4, 1897
			Foreman .....	Apr. 1, 1900
			Chief of Battalion.....	Aug. 14, 1903
19. Beggin, Willim T..	Fireman.....	June 7, 1886	Assistant Foreman.....	July 1, 1895
			Foreman .....	July 10, 1898
			Chief of Battalion.....	Dec. 16, 1903
20. Shay, Chas. H.....	Private.....	Nov. 21, 1877	Fireman .....	Apr. 1, 1878
			Assistant Engineer of Steamer .....	Apr. 1, 1878
			Engineer of Steamer.....	Apr. 4, 1879
			Assistant Foreman.....	Dec. 10, 1879
			Foreman .....	June 1, 1880
			Chief of Battalion.....	Dec. 16, 1903
21. Larkin, Thomas, No. 2.....	Private.....	Apr. 7, 1884	Assistant Foreman.....	Aug. 22, 1890
			Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	Dec. 16, 1903
22. Kenlon, John.....	Fireman.....	Apr. 2, 1887	Engineer of Steamer.....	Sept. 1, 1892
			Assistant Foreman.....	Dec. 31, 1897
			Foreman .....	Apr. 1, 1900
			Chief of Battalion.....	Dec. 16, 1903
23. Sloan, Peter.....	Fireman.....	Oct. 26, 1881	Assistant Foreman.....	June 1, 1889
			Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	Dec. 31, 1903
24. Lucas, Patrick F..	Fireman.....	Apr. 24, 1887	Assistant Foreman.....	Jan. 1, 1894
			Foreman .....	Apr. 13, 1896
			Chief of Battalion.....	Dec. 31, 1903

Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
25. Dougherty, Thos. F.	Fireman.....	Apr. 15, 1888	Assistant Foreman.....	June 3, 1895
			Foreman .....	Apr. 13, 1896
			Chief of Battalion.....	Dec. 31, 1903
26. Howe, John P....	Fireman.....	June 1, 1890	Assistant Foreman.....	Dec. 4, 1897
			Foreman .....	Apr. 1, 1900
			Chief of Battalion.....	Dec. 31, 1903
27. Hayes, Thos. J....	Fireman.....	Feb. 16, 1891	Assistant Foreman.....	Dec. 31, 1897
			Foreman .....	Apr. 1, 1900
			Chief of Battalion.....	Jan. 1, 1904
28. Martin, Michael...	Fireman.....	July 1, 1873	Assistant Foreman.....	Dec. 1, 1886
			Foreman .....	Dec. 31, 1897
			Chief of Battalion.....	Nov. 1, 1905
29. King, Thomas, No. 1.....	Fireman.....	July 1, 1881	Assistant Engineer.....	Nov. 1, 1883
			Engineer .....	Jan. 1, 1886
			Assistant Foreman.....	July 10, 1898
			Foreman .....	Dec. 1, 1900
			Chief of Battalion.....	Nov. 1, 1905
30. Worth, Edward J..	Fireman.....	Dec. 30, 1888	Assistant Foreman.....	Dec. 31, 1897
			Foreman .....	Jan. 1, 1901
			Chief of Battalion.....	Nov. 4, 1905
31. Hauck, Henry.....	Fireman.....	Mar. 3, 1889	Assistant Foreman.....	Dec. 4, 1897
			Foreman .....	Oct. 1, 1901
			Chief of Battalion.....	Nov. 4, 1905
32. Crawley, Joseph...	Fireman.....	Feb. 19, 1891	Engineer of Steamer.....	Mar. 16, 1893
			Assistant Foreman.....	Dec. 4, 1897
			Foreman .....	Aug. 1, 1900
			Chief of Battalion.....	Nov. 4, 1905
33. Kane, Thomas F...	Fireman.....	May 15, 1882	Assistant Foreman.....	Aug. 22, 1890
			Foreman .....	Jan. 5, 1893
			Chief of Battalion.....	Nov. 4, 1905
Foremen.				
1. Perley, Hamilton F.	Assistant Engineer of Steamer ...	Mar. 15, 1873	Assistant Foreman.....	Jan. 15, 1874
			Foreman .....	Aug. 1, 1874
2. Eagan, John J....	Fireman.....	Sept. 11, 1865	Assistant Foreman.....	Oct. 15, 1870
			Foreman .....	Aug. 20, 1875
3. Wray, Robert.....	Fireman.....	Oct. 16, 1865	Assistant Engineer of Steamer .....	June 1, 1871
			Assistant Foreman.....	Sept. 1, 1874
			Foreman .....	Mar. 12, 1877
4. O'Brien, Edward..	Fireman.....	July 1, 1869	Assistant Foreman.....	Mar. 1, 1873
			Foreman .....	Sept. 17, 1880
5. Barry, James.....	d Hoseman....	Jan. 10, 1874	Assistant Foreman.....	May 20, 1884
	Fireman.....	Feb. 12, 1876	Foreman .....	Aug. 22, 1884
6. Sullivan, Thomas..	c District Engineer.....	Sept. 6, 1865	.....	.....
	Foreman.....	Aug. 23, 1884	.....	.....
7. Lawler, Daniel....	Fireman.....	May 1, 1875	Assistant Foreman.....	Aug. 16, 1884
			Foreman .....	Feb. 1, 1885
8. McNamara, Michael J.	Fireman.....	Apr. 21, 1873	Assistant Foreman.....	Aug. 27, 1884
			Foreman .....	Dec. 1, 1886
9. O'Hearn, Thos....	Fireman.....	June 12, 1875	Assistant Foreman.....	July 1, 1883
			Foreman .....	Feb. 1, 1887
10. Riordan, John, No. 1.....	Fireman.....	Sept. 20, 1866	Assistant Foreman.....	Nov. 1, 1871
			Foreman .....	Nov. 19, 1889
11. Nash, William H..	Fireman.....	Sept. 9, 1876	Assistant Engineer of Steamer .....	Oct. 1, 1876
			Engineer of Steamer.....	Jan. 1, 1886
			Assistant Foreman.....	Feb. 1, 1887
			Foreman .....	June 11, 1891
12. Conaghan, Patrick.	Fireman.....	Oct. 20, 1865	Assistant Foreman.....	Apr. 21, 1873
			Foreman .....	Nov. 15, 1891
13. Donohue, Malachi.	Fireman.....	June 10, 1870	e Assistant Foreman.....	Oct. 17, 1872
	Fireman.....	Dec. 1, 1873	Assistant Foreman.....	May 20, 1884
			Foreman .....	Jan. 1, 1894
14. Connelly, Thos. F.	Fireman.....	Aug. 3, 1876	Assistant Foreman.....	Nov. 15, 1891
			Foreman .....	Jan. 1, 1894
15. Cartwright, Stephen	Fireman.....	Aug. 1, 1871	Assistant Foreman.....	May 15, 1874
			Foreman .....	Apr. 20, 1894
16. Reilly, William...	Private.....	Nov. 18, 1880	Assistant Foreman.....	Nov. 1, 1892
			Foreman .....	June 3, 1895
17. Ahearn, Timothy..	Private.....	Dec. 5, 1881	Assistant Foreman.....	Jan. 5, 1893
			Foreman .....	Apr. 13, 1896
18. Burnett, Henry....	Fireman.....	Sept. 22, 1865	Assistant Foreman.....	Jan. 15, 1874
			Foreman .....	Dec. 1, 1897
19. Hughes, Patrick J..	Driver.....	Feb. 12, 1891	Foreman .....	Nov. 30, 1897
20. Braisted, William C.	Fireman.....	July 3, 1872	Assistant Foreman.....	June 16, 1873
			Foreman .....	Dec. 31, 1897
21. Brogan, James C..	Fireman.....	May 1, 1880	Assistant Foreman.....	Nov. 15, 1891
			Foreman .....	July 10, 1898
22. Foley, Patrick....	Fireman.....	Dec. 19, 1874	Assistant Foreman.....	Jan. 3, 1893
			Foreman .....	July 10, 1898



Name.	Original Appointment.		Promotion.		Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.		Grade.	Date.	Grades.	Dates.
23. Livingston, John J.	Private.....	Aug. 18, 1884	Assistant Foreman.....	Aug. 22, 1890	59. Conway, Daniel J.	Fireman.....	Jan. 7, 1886	Engineer of Steamer.....	May 1, 1887
			Foreman .....	July 10, 1898				Assistant Foreman.....	Apr. 13, 1896
24. Smith, James J., No. 1.....	Private.....	Apr. 4, 1881	Assistant Foreman.....	Aug. 22, 1890				Foreman .....	Aug. 15, 1902
			Foreman .....	Oct. 10, 1898	60. Helm, Henry B...	Fireman.....	Jan. 7, 1896	Assistant Foreman.....	Aug. 1, 1900
25. Skelly, Thos. F....	Private.....	Aug. 26, 1884	Assistant Foreman.....	Nov. 1, 1892				Foreman .....	Aug. 15, 1903
			Foreman .....	Oct. 10, 1898	61. Fox, George J....	Fireman.....	Mar. 11, 1888	Assistant Foreman.....	July 10, 1898
26. Sherrick, Joseph...	Fireman.....	Jan. 30, 1873	Assistant Foreman.....	Nov. 1, 1892				Foreman .....	Aug. 15, 1903
			Foreman .....	Apr. 1, 1900	62. McGuire, Lawrence	Fireman.....	June 7, 1886	Assistant Foreman.....	Aug. 1, 1900
27. Roan, James S....	Private.....	May 1, 1883	Assistant Foreman.....	Apr. 13, 1896				Foreman .....	Aug. 15, 1903
			Foreman .....	Apr. 1, 1900	63. Quaid, George....	Fireman.....	Apr. 15, 1888	Assistant Foreman.....	Oct. 1, 1901
28. Higgins, John F...	Fireman.....	Dec. 17, 1885	Assistant Foreman.....	Dec. 4, 1897				Foreman .....	Aug. 15, 1903
			Foreman .....	Apr. 1, 1900	64. Murray, Geo. W...	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Aug. 1, 1900
29. Kiernan, James F. B. ....	Fireman.....	June 1, 1887	Assistant Foreman.....	Dec. 4, 1897				Foreman .....	Aug. 15, 1903
			Foreman .....	Apr. 1, 1900	65. Kennedy, Wm. J..	Fireman.....	Oct. 27, 1880	Assistant Foreman.....	Sept. 1, 1900
30. O'Connor, Jos. A..	Fireman.....	Mar. 1, 1888	Assistant Foreman.....	Dec. 4, 1897				Foreman .....	Aug. 15, 1903
			Foreman .....	Apr. 1, 1900	66. Walsh, John F....	Fireman.....	Mar. 16, 1891	Engineer of Steamer.....	Aug. 10, 1896
31. Sheridan, Charles.	Fireman.....	Feb. 27, 1891	Assistant Foreman.....	Dec. 1, 1897				Assistant Foreman.....	May 1, 1901
			Foreman .....	Apr. 1, 1900				Foreman .....	Sept. 22, 1903
32. Oswald, Robert...	Fireman.....	Jan. 1, 1890	Assistant Foreman.....	Oct. 13, 1898	67. Regan, John.....	Fireman.....	June 7, 1886	Assistant Foreman.....	July 21, 1902
			Foreman .....	Apr. 1, 1900				Foreman .....	Oct. 1, 1903
			Retired .....	Nov. 19, 1903	68. Clark, William...	Fireman.....	Jan. 7, 1890	Assistant Foreman.....	Aug. 1, 1900
			Reinstated .....	June 6, 1904				Foreman .....	Oct. 3, 1903
33. McAree, John F...	Fireman.....	Feb. 27, 1891	Engineer of Steamer.....	Feb. 1, 1895	69. O'Neill, John E...	Fireman.....	Feb. 10, 1890	Assistant Foreman.....	Jan. 1, 1901
			Assistant Foreman.....	Feb. 1, 1899				Foreman .....	Oct. 3, 1903
			Foreman .....	Apr. 18, 1900	70. Murray, Frederick.	Fireman.....	July 8, 1896	Engineer of Steamer.....	Apr. 25, 1899
34. Kelly, Bernard....	Fireman.....	July 1, 1883	Assistant Foreman.....	Jan. 5, 1893				Assistant Foreman.....	Sept. 1, 1900
			Foreman .....	Aug. 1, 1900				Foreman .....	Dec. 3, 1903
35. Shea, John F.....	Private.....	Nov. 22, 1883	Engineer of Steamer.....	May 10, 1886	71. Behler, Wm. H....	Fireman.....	Mar. 6, 1891	Assistant Foreman.....	Aug. 1, 1900
			Assistant Foreman.....	Dec. 31, 1897				Foreman .....	Dec. 17, 1903
			Foreman .....	Aug. 1, 1900	72. Davin, John, No. 2	Fireman.....	Jan. 7, 1896	Assistant Foreman.....	Aug. 1, 1900
36. Devanney, Jas. F..	Fireman.....	Dec. 17, 1885	Assistant Foreman.....	July 10, 1898				Foreman .....	Dec. 17, 1903
			Foreman .....	Aug. 1, 1900	73. Devlin, William...	Fireman.....	Jan. 18, 1896	Assistant Foreman.....	Aug. 1, 1900
37. Duffy, Wm. J.....	Private.....	May 15, 1884	Assistant Foreman.....	Dec. 4, 1897				Foreman .....	Dec. 17, 1903
			Foreman .....	Aug. 1, 1900	74. Lunny, Hugh J...	Private.....	Aug. 1, 1883	Assistant Foreman.....	Aug. 22, 1890
38. Conlon, John B...	Fireman.....	Sept. 4, 1885	Assistant Foreman.....	Oct. 10, 1899				Foreman .....	Dec. 25, 1903
			Foreman .....	Aug. 1, 1900	75. Bowen, Wm. P...	Fireman.....	Dec. 30, 1888	Engineer of Steamer.....	June 7, 1889
39. Stone, Chas. H....	Fireman.....	Sept. 4, 1885	Engineer of Steamer.....	July 2, 1886				Assistant Foreman.....	Sept. 1, 1900
			Assistant Foreman.....	Jan. 5, 1893				Foreman .....	Dec. 25, 1903
			Foreman .....	Sept. 1, 1900	76. McGuire, Chas. F.	Fireman.....	Jan. 21, 1892	Assistant Foreman.....	Sept. 1, 1900
40. Norton, Thos. F..	Fireman.....	Jan. 1, 1887	Assistant Foreman.....	Jan. 1, 1895				Foreman .....	Dec. 25, 1903
			Foreman .....	Sept. 1, 1900	77. Corcoran, Wm. R.	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Aug. 1, 1900
41. Hennessy, Frank J.	Private.....	Aug. 20, 1881	Assistant Foreman.....	June 3, 1895				Foreman .....	Dec. 31, 1903
			Foreman .....	Sept. 1, 1900	78. McDermott, Bartholomew .....	Fireman.....	Jan. 1, 1890	Assistant Foreman.....	Aug. 1, 1900
42. Winter, George H.	Fireman.....	Aug. 10, 1890	Engineer of Steamer.....	May 15, 1895				Foreman .....	Jan. 1, 1904
			Assistant Foreman.....	Dec. 4, 1897	79. Williams, Wm. F.	Fireman.....	Apr. 22, 1894	Assistant Foreman.....	Dec. 1, 1901
			Foreman .....	Dec. 1, 1900				Foreman .....	Jan. 1, 1904
43. Beshinger, Jos....	Private.....	May 10, 1880	Assistant Foreman.....	July 1, 1885	80. Rush, John.....	Fireman.....	July 8, 1896	Engineer of Steamer.....	Aug. 22, 1898
			Foreman .....	Jan. 1, 1901				Assistant Foreman.....	Aug. 1, 1900
44. Lawrence, Wm. E., Jr.....	Fireman.....	Aug. 10, 1890	Assistant Foreman.....	Dec. 4, 1897				Foreman .....	Apr. 15, 1904
			Foreman .....	Jan. 1, 1901	81. Callagy, Martin F..	Fireman.....	May 1, 1884	Assistant Foreman.....	Aug. 1, 1900
45. Walker, John.....	Fireman.....	May 12, 1892	Assistant Foreman.....	Dec. 4, 1897				Foreman .....	Apr. 15, 1904
			Foreman .....	Jan. 1, 1901	82. Levy, Edward J...	Fireman.....	Aug. 19, 1884	Assistant Foreman.....	Aug. 1, 1900
46. Poling, Samuel E..	Fireman.....	Mar. 1, 1893	Assistant Foreman.....	Oct. 11, 1898				Foreman .....	Apr. 15, 1904
			Foreman .....	Apr. 1, 1901	83. Ruch, Howard C..	Fireman.....	Dec. 1, 1895	Assistant Foreman.....	Aug. 1, 1900
47. Flaherty, James...	Private.....	Feb. 15, 1882	Assistant Foreman.....	Dec. 1, 1886				Foreman .....	May 10, 1904
			Foreman .....	June 7, 1901	84. Donovan, Jos. C...	Fireman.....	May 24, 1883	Engineer of Steamer.....	June 7, 1899
48. Graham, Patrick J.	Fireman.....	June 24, 1890	Assistant Foreman.....	Dec. 4, 1897				Reduced to Fireman.....	Jan. 1, 1901
			Foreman .....	June 7, 1901				Assistant Foreman.....	Dec. 1, 1901
49. Kirchner, Wm. B..	Fireman.....	Oct. 24, 1881	Assistant Foreman.....	July 10, 1898				Foreman .....	July 1, 1904
			Foreman .....	June 7, 1901	85. Harmon, Philip C., Jr. ....	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Oct. 13, 1898
50. Doonan, James P..	Fireman.....	June 19, 1889	Assistant Foreman.....	Feb. 16, 1899				Foreman .....	July 1, 1904
			Foreman .....	June 7, 1901	86. Sullivan, James J..	Fireman.....	May 12, 1892	Engineer of Steamer.....	June 15, 1893
51. Morrison, Martin..	Private.....	Apr. 7, 1884	Assistant Foreman.....	Jan. 1, 1895				Assistant Foreman.....	Sept. 1, 1900
			Foreman .....	June 8, 1901				Foreman .....	July 1, 1904
52. Ryan, F.....	Fireman.....	July 3, 1872	Assistant Foreman.....	Mar. 6, 1883	87. Stickel, Henry....	Fireman.....	Jan. 21, 1892	Assistant Foreman.....	Aug. 1, 1900
			Foreman .....	Aug. 1, 1901				Foreman .....	July 1, 1904
53. Curren, Benj. C...	Fireman.....	June 1, 1891	Assistant Foreman.....	Apr. 13, 1896	88. Fitzgerald, Adw. E.	Fireman.....	May 22, 1892	Assistant Foreman.....	Aug. 1, 1900
			Foreman .....	Aug. 1, 1901				Foreman .....	July 1, 1904
54. Hayes, James J....	Private.....	May 8, 1882	Assistant Foreman.....	Jan. 1, 1895	89. Donovan, Daniel..	Fireman.....	Aug. 1, 1894	Assistant Foreman.....	Aug. 1, 1900
			Foreman .....	Dec. 1, 1901				Foreman .....	July 1, 1904
55. Andrews, Peter, Jr.	Private.....	Apr. 5, 1884	Assistant Foreman.....	Dec. 4, 1897	90. Galloway, Edw. T.	Fireman.....	May 18, 1892	Assistant Foreman.....	Dec. 4, 1897
			Foreman .....	Dec. 1, 1901				Foreman .....	July 1, 1904
56. Galvin, Bartow J..	Fireman.....	Jan. 10, 1893	Assistant Foreman.....	Feb. 1, 1899	91. McDonald, Austin.	Fireman.....	July 10, 1893	Assistant Foreman.....	Aug. 1, 1900
			Foreman .....	Dec. 1, 1901				Foreman .....	Aug. 1, 1904
57. McKernan, Owen.	Fireman.....	July 21, 1892	Assistant Foreman.....	Feb. 1, 1899	92. O'Keefe, David...	Fireman.....	Mar. 21, 1888	Assistant Foreman.....	Sept. 1, 1900
			Foreman .....	Dec. 1, 1901				Foreman .....	Aug. 1, 1904
58. Fuchs, Francis M.	Fireman.....	Dec. 20, 1886	Assistant Foreman.....	Apr. 13, 1896	93. Hall, John W.....	Fireman.....	Feb. 1, 1895	Assistant Foreman.....	June 8, 1901
			Foreman .....	Aug. 15, 1902				Foreman .....	Aug. 1, 1904



Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
94. Quayle, Francis J..	Fireman.....	Dec. 3, 1888	Engineer of Steamer.....	Feb. 16, 1891
			Assistant Foreman.....	Oct. 7, 1900
			Foreman .....	Aug. 1, 1904
95. Dooley, Joseph A..	Fireman.....	July 3, 1895	Assistant Foreman.....	Sept. 1, 1901
			Foreman .....	Aug. 1, 1904
96. Hennessey, Jos. F.	Fireman.....	Feb. 15, 1897	Assistant Foreman.....	Jan. 1, 1901
			Foreman .....	Aug. 1, 1904
97. Convey, James J..	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	June 8, 1901
			Foreman .....	Aug. 11, 1904
98. McCarthy, Wm. H.	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Aug. 1, 1901
			Foreman .....	Aug. 11, 1904
99. Conroy, John J....	Fireman.....	Dec. 15, 1883	Engineer of Steamer.....	Feb. 1, 1890
			Assistant Foreman.....	Sept. 1, 1900
			Foreman .....	Jan. 18, 1905
100. Ferris, James E...	Fireman.....	Mar. 1, 1893	Assistant Foreman.....	Sept. 1, 1900
			Foreman .....	Jan. 18, 1905
101. Sullivan, John, No. 1.....	Fireman.....	Feb. 18, 1894	Assistant Foreman.....	Aug. 1, 1900
			Foreman .....	Jan. 18, 1905
102. Weber, Gerheardt E. ....	Fireman.....	July 1, 1894	Engineer of Steamer.....	July 4, 1900
			Assistant Foreman.....	July 21, 1902
			Foreman .....	Jan. 18, 1905
103. Jennings, John W.	Fireman.....	Apr. 1, 1892	Assistant Foreman.....	Oct. 2, 1900
			Foreman .....	Jan. 18, 1905
104. Hughes, John B...	Fireman.....	July 3, 1895	Assistant Foreman.....	Aug. 1, 1900
			Foreman .....	Apr. 15, 1905
105. Scherb, Henry H..	Fireman.....	Mar. 1, 1893	Assistant Foreman.....	Dec. 1, 1901
			Foreman .....	Apr. 15, 1905
106. Schwimbersky, Charles .....	Fireman.....	Mar. 1, 1893	Engineer of Steamer.....	July 1, 1899
			Assistant Foreman.....	July 21, 1902
			Foreman .....	May 24, 1905
107. Foley, Maurice...	Fireman.....	Apr. 16, 1890	Engineer of Steamer.....	Dec. 24, 1897
			Assistant Foreman.....	Oct. 1, 1900
			Foreman .....	July 1, 1905
108. Smith, John W...	Fireman.....	Feb. 3, 1887	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	July 1, 1905
109. McGowan, Thos. J.	Fireman.....	Mar. 11, 1888	Assistant Foreman.....	Jan. 1, 1901
			Foreman .....	July 1, 1905
110. Craco, Louis A...	Private.....	Feb. 13, 1882	Assistant Foreman.....	June 6, 1902
			Foreman .....	July 1, 1905
111. Roxbury, Samuel..	Private.....	May 20, 1884	Assistant Engineer.....	Sept. 4, 1885
			Engineer .....	Jan. 1, 1886
			Assistant Foreman.....	July 21, 1902
			Foreman .....	Sept. 27, 1905
112. Klein, George J...	Fireman.....	May 12, 1892	Assistant Foreman.....	Oct. 1, 1900
			Foreman .....	Oct. 6, 1905
Assistant Foremen.				
1. Lynar, Andrew....	Fireman.....	Jan. 21, 1868	Assistant Foreman.....	Feb. 15, 1872
2. Kenchan, Rich'd F.	Fireman.....	July 1, 1875	Assistant Foreman.....	Apr. 3, 1878
3. Meehan, Edward..	Fireman.....	July 23, 1870	Assistant Foreman.....	Aug. 13, 1883
4. Miller, William...	Private.....	Apr. 2, 1881	Assistant Foreman.....	Dec. 1, 1886
5. Taylor, Jos. W...	Fireman.....	Jan. 1, 1873	Assistant Foreman.....	Mar. 1, 1887
6. Fitzmaurice, Dan. P.	Private.....	Feb. 15, 1882	Assistant Foreman.....	Aug. 22, 1890
7. Cunningham, Wm., No. 1.....	Fireman.....	Sept. 4, 1885	Assistant Foreman.....	June 11, 1891
8. McBride, Peter....	Fireman.....	Apr. 1, 1883	Assistant Foreman.....	Jan. 5, 1893
9. McGinnis, Francis.	Fireman.....	May 16, 1881	Assistant Foreman.....	Jan. 1, 1894
10. Farley, John E...	Private.....	Mar. 5, 1883	Assistant Foreman.....	June 3, 1895
11. Fagan, Edward J..	Private.....	Sept. 4, 1885	Assistant Foreman.....	July 1, 1895
12. Ryan, John, No. 1.	Fireman.....	Jan. 16, 1871	Assistant Foreman.....	Feb. 20, 1897
13. Lynch, Sam. P...	Private.....	Jan. 21, 1884	Assistant Foreman.....	Oct. 10, 1898
14. Finnell, John F...	Private.....	Jan. 9, 1882	Assistant Foreman.....	Oct. 13, 1898
15. Hughes, John....	Fireman.....	Mar. 11, 1888	Assistant Foreman.....	Aug. 1, 1900
16. Mailley, Charles...	Fireman.....	Aug. 15, 1884	Assistant Foreman.....	Aug. 1, 1900
17. Crawford, Jas. J..	Fireman.....	Mar. 10, 1888	Assistant Foreman.....	Aug. 1, 1900
18. Bearman, John W.	Fireman.....	July 1, 1883	Assistant Foreman.....	Aug. 1, 1900
19. Quinn, Joseph....	Fireman.....	Aug. 10, 1890	Assistant Foreman.....	Aug. 1, 1900
20. Hyde, Andrew T...	Fireman.....	Jan. 21, 1892	Assistant Foreman.....	Aug. 1, 1900
21. Kehoe, William...	Fireman.....	Dec. 20, 1886	Assistant Foreman.....	Aug. 1, 1900
22. Sweet, Andrew B..	Fireman.....	Apr. 4, 1884	Assistant Foreman.....	Aug. 1, 1900
23. Reinhardt, Geo. C.	Fireman.....	Nov. 8, 1889	Assistant Foreman.....	Sept. 1, 1900
24. Ford, Edward....	Fireman.....	Dec. 20, 1886	Assistant Foreman.....	Sept. 1, 1900
25. Wood, Thos. S...	Fireman.....	Jan. 21, 1892	Assistant Foreman.....	Sept. 1, 1900
26. Ward, Chas. J...	Fireman.....	Apr. 24, 1887	Engineer of Steamer.....	Apr. 5, 1889
			Assistant Foreman.....	Sept. 1, 1900
27. Burke, Daniel F...	Fireman.....	Apr. 22, 1894	Assistant Foreman.....	Sept. 1, 1900
28. Hannley, Michael F.	Fireman.....	Feb. 1, 1889	Assistant Foreman.....	Sept. 1, 1900
29. Connolly, John...	Fireman.....	Jan. 21, 1892	Engineer of Steamer.....	Oct. 18, 1894
			Assistant Foreman.....	Sept. 1, 1900
30. Hartman, Gustav...	Fireman.....	Oct. 1, 1869	Assistant Foreman.....	Sept. 1, 1900
31. Hock, Jacob P...	Fireman.....	Jan. 21, 1892	Assistant Foreman.....	Sept. 1, 1900

Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
32. Sherry, Thos. A...	Fireman.....	May 3, 1875	Assistant Foreman.....	Jan. 1, 1901
33. Sweeny, Edw. S...	Fireman.....	Nov. 15, 1894	Assistant Foreman.....	Jan. 1, 1901
34. McGrath, Thos. J..	Fireman.....	Apr. 24, 1887	Assistant Foreman.....	Jan. 1, 1901
35. Foley, James.....	Fireman.....	Mar. 1, 1893	Engineer of Steamer.....	May 1, 1898
			Assistant Foreman.....	Jan. 1, 1901
36. Kratochvil, Joseph.	Fireman.....	May 12, 1892	Assistant Foreman.....	Apr. 2, 1901
37. Kraetzer, Henry...	Fireman.....	Mar. 1, 1893	Engineer of Steamer.....	Aug. 10, 1895
			Assistant Foreman.....	June 8, 1901
38. Byrnes, James J...	Fireman.....	Feb. 10, 1890	Assistant Foreman.....	June 8, 1901
39. Fredenberg, John..	Fireman.....	Aug. 10, 1890	Assistant Foreman.....	June 8, 1901
40. Irving, George J...	Fireman.....	May 12, 1892	Assistant Foreman.....	June 8, 1901
41. Dunn, George....	Fireman.....	Feb. 1, 1896	Assistant Foreman.....	June 14, 1901
42. Connelly, Joseph...	Fireman.....	Jan. 26, 1896	Engineer of Steamer.....	Feb. 5, 1897
			Assistant Foreman.....	Aug. 1, 1901
43. Bundrick, Chas...	Fireman.....	Dec. 1, 1894	Engineer of Steamer.....	June 6, 1899
			Assistant Foreman.....	Aug. 1, 1901
44. Tissier, Frank J...	Fireman.....	Mar. 1, 1893	Assistant Foreman.....	Aug. 1, 1900
45. Corr, John H....	Fireman.....	May 4, 1894	Assistant Foreman.....	Aug. 1, 1901
46. King, Thos., No. 2.	Private.....	Dec. 14, 1881	Assistant Foreman.....	Jan. 1, 1902
47. Link, John H....	Fireman.....	Feb. 27, 1891	Assistant Foreman.....	June 6, 1902
48. Ruckholdt, Robt. C.	Fireman.....	May 1, 1892	Engineer of Steamer.....	Jan. 1, 1894
			Assistant Foreman.....	July 21, 1902
49. Smith, Frederic...	Fireman.....	Dec. 20, 1886	Assistant Foreman.....	July 21, 1902
50. Conway, John F...	Fireman.....	Mar. 1, 1893	Assistant Foreman.....	Aug. 15, 1902
51. Regan, James A...	Fireman.....	July 3, 1895	Assistant Foreman.....	Aug. 15, 1902
52. Tompkins, Walter H. ....	Private.....	Oct. 24, 1882	Assistant Foreman.....	Aug. 22, 1902
53. Flynn, James....	Fireman.....	Jan. 8, 1895	Assistant Foreman.....	Aug. 22, 1902
54. Sullivan, Henry E.	Fireman.....	Mar. 6, 1891	Engineer of Steamer.....	Sept. 8, 1900
			Assistant Foreman.....	Nov. 15, 1902
55. Fillhardt, Geo. W..	Fireman.....	Dec. 23, 1888	Engineer of Steamer.....	July 1, 1899
			Assistant Foreman.....	Nov. 15, 1902
56. McCue, Thomas F.	Fireman.....	Jan. 1, 1890	Assistant Foreman.....	Nov. 15, 1902
57. Rooney, Arthur...	Fireman.....	Jan. 9, 1895	Assistant Foreman.....	Nov. 15, 1902
58. Matthews, Edw. J.	Fireman.....	May 18, 1892	Assistant Foreman.....	Nov. 15, 1902
59. Sheridan, Thomas.	Fireman.....	Apr. 15, 1888	Assistant Foreman.....	Feb. 1, 1903
60. Shaughnessy, Henry F. ....	Fireman.....	Jan. 21, 1892	Engineer of Steamer.....	July 4, 1900
			Assistant Foreman.....	Mar. 5, 1903
61. Teare, Robert J...	Fireman.....	Feb. 16, 1894	Assistant Foreman.....	July 1, 1903
62. Sherlock, James...	Fireman.....	Feb. 15, 1897	Assistant Foreman.....	Dec. 17, 1903
63. Davin, John, No. 1	Fireman.....	May 1, 1884	Assistant Foreman.....	Dec. 17, 1903
64. La Monte, Geo. H.	Fireman.....	Sept. 18, 1880	Engineer of Steamer.....	May 10, 1886
			Assistant Foreman.....	Dec. 17, 1903
65. Haggerty, Jeremiah, No. 2.....	Fireman.....	June 1, 1887	Assistant Foreman.....	Dec. 17, 1903
66. Andrews, James B.	Fireman.....	Apr. 24, 1887	Engineer of Steamer.....	Jan. 10, 1889
			Assistant Foreman.....	Dec. 17, 1903
67. Martin, Wm. J., No. 1.....	Fireman.....	May 1, 1883	Assistant Foreman.....	Dec. 17, 1903
68. Garrity, John J...	Fireman.....	May 12, 1892	Assistant Foreman.....	Dec. 17, 1903
69. Murphy, John T...	Fireman.....	July 21, 1895	Assistant Foreman.....	Dec. 17, 1903
70. Cummings, Matt. J.	Fireman.....	Feb. 15, 1897	Assistant Foreman.....	Dec. 17, 1903
71. Roach, Daniel F...	Fireman.....	Jan. 27, 1898	Engineer of Steamer.....	Mar. 10, 1900
			Assistant Foreman.....	Dec. 17, 1903
72. O'Connor, Edw. F.	Fireman.....	Feb. 15, 1897	Assistant Foreman.....	Dec. 17, 1903
73. O'Keefe, Pat'k. H.	Fireman.....	June 24, 1890	Assistant Foreman.....	Dec. 17, 1903
74. Stokes, John F...	Fireman.....	May 12, 1892	Assistant Foreman.....	Dec. 17, 1903
75. McGough, John...	Fireman.....	May 5, 1899	Assistant Foreman.....	Dec. 17, 1903
76. Jones, Walter, No. 2	Fireman.....	Dec. 1, 1895	Engineer of Steamer.....	Jan. 1, 1898
			Assistant Foreman.....	Dec. 17, 1903
77. Gaw, John J.....	Fireman.....	Aug. 1, 1896	Assistant Foreman.....	Dec. 17, 1903
78. McArthur, Thos. J.	Fireman.....	Feb. 9, 1894	Assistant Foreman.....	Dec. 17, 1903
79. Lynch, Geo. J....	Fireman.....	Mar. 6, 1891	Engineer of Steamer.....	Jan. 1, 1899
			Assistant Foreman.....	Dec. 25, 1903
80. Fitzmaurice, Wm. H	Fireman.....	Dec. 1, 1895	Assistant Foreman.....	Dec. 25, 1903
81. O'Connell, D. P...	Fireman.....	May 22, 1892	Assistant Foreman.....	Dec. 25, 1903
82. Potter, L. D.....	Fireman.....	Mar. 12, 1898	Assistant Foreman.....	Dec. 25, 1903
83. Pryor, James.....	Fireman.....	June 1, 1891	Assistant Foreman.....	Dec. 25, 1903
84. O'Connor, D.....	Fireman.....	Apr. 22, 1895	Assistant Foreman.....	Dec. 25, 1903
85. Reid, Albert.....	Fireman.....	Feb. 27, 1891	Engineer of Steamer.....	June 16, 1894
			Assistant Foreman.....	Dec. 25, 1903
86. Henry, W. I.....	Fireman.....	Oct. 1, 1896	Assistant Foreman.....	Dec. 25, 1903
87. Kuss, George J...	Fireman.....	Feb. 15, 1899	Assistant Foreman.....	Dec. 25, 1903
88. Griffiths, Chas. R..	Fireman.....	May 1, 1895	Assistant Foreman.....	Dec. 25, 1903
89. Klett, Charles....	Fireman.....	Feb. 11, 1896	Assistant Foreman.....	Dec. 25, 1903
90. Meyers, Henry....	Fireman.....	Mar. 20, 1889	Engineer of Steamer.....	Nov. 1, 1903
			Assistant Foreman.....	Dec. 25, 1903
91. Hampel, Hugo....	Fireman.....	Feb. 15, 1897	Engineer of Steamer.....	Oct. 1, 1900
			Assistant Foreman.....	Dec. 25, 1903
92. Coakley, Victor A..	Fireman.....	Feb. 19, 1899	Assistant Foreman.....	Dec. 25, 1903



Name.	Original Appointment.		Promotion.		Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.		Grade.	Date.	Grades.	Dates.
93. Bermingham, Edward F.....	Fireman.....	Mar. 3, 1894	Assistant Foreman.....	Dec. 25, 1903	150. Pratt, John M.....	Fireman.....	Dec. 3, 1888	Engineer of Steamer.....	Mar. 1, 1889
94. Martin, Michael J. J.	Fireman.....	May 5, 1899	Assistant Foreman.....	Dec. 25, 1903				Assistant Foreman.....	July 17, 1905
95. Carlock, B. F.....	Fireman.....	Feb. 14, 1899	Assistant Foreman.....	Dec. 25, 1903	151. Lappine, Geo. W..	Fireman.....	Dec. 9, 1895	Engineer of Steamer.....	Apr. 1, 1900
96. Slater, W. I.....	Fireman.....	Feb. 15, 1899	Assistant Foreman.....	Dec. 25, 1903				Assistant Foreman.....	July 17, 1905
97. Noth, E. G.....	Fireman.....	Mar. 1, 1897	Assistant Foreman.....	Dec. 25, 1903	152. Shanahan, Henry F.	Fireman.....	Jan. 27, 1898	Assistant Foreman.....	July 17, 1905
98. Donnelly, Daniel..	Fireman.....	Mar. 12, 1898	Assistant Foreman.....	Dec. 25, 1903	153. Fraser, Richard C.	Fireman.....	Jan. 7, 1896	Assistant Foreman.....	July 17, 1905
99. Keely, John F....	Fireman.....	May 18, 1892	Engineer of Steamer.....	Nov. 1, 1896	154. McCrimlisk, Alex..	Fireman.....	Feb. 22, 1898	Assistant Foreman.....	July 17, 1905
			Assistant Foreman.....	Dec. 25, 1903	155. O'Gorman, William	Private.....	Oct. 24, 1882	Assistant Foreman.....	July 17, 1905
100. Earely, James.....	Fireman.....	Aug. 1, 1894	Assistant Foreman.....	Dec. 25, 1903	156. Argue, Frank.....	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	July 17, 1905
101. Mauser, Frank J..	Fireman.....	Jan. 30, 1898	Engineer of Steamer.....	Dec. 17, 1903	157. Ricketts, Geo. F...	Fireman.....	Feb. 1, 1896	Assistant Foreman.....	July 19, 1905
			Assistant Foreman.....	Dec. 25, 1903	158. Martin, Peter F...	Fireman.....	Feb. 15, 1897	Engineer of Steamer.....	July 10, 1898
102. Tiernan, Jas. J....	Fireman.....	July 10, 1893	Engineer of Steamer.....	Apr. 1, 1894				Assistant Foreman.....	July 30, 1905
			Assistant Foreman.....	Dec. 25, 1903	159. Lent, Edward W..	Fireman.....	Jan. 20, 1896	Engineer of Steamer.....	May 1, 1899
103. Kelly, John J.....	Fireman.....	Nov. 3, 1890	Assistant Foreman.....	Dec. 25, 1903				Assistant Foreman.....	Nov. 7, 1905
104. Nitsch, Richard...	Fireman.....	Feb. 9, 1894	Assistant Foreman.....	Dec. 25, 1903	160. Bernstein, William.	Fireman.....	June 12, 1897	Assistant Foreman.....	Nov. 10, 1905
105. Gorgin, Walter....	Fireman.....	Mar. 6, 1891	Assistant Foreman.....	Dec. 27, 1903	161. Welch, Alfred W..	Fireman.....	April 1, 1897	Engineer of Steamer.....	Dec. 17, 1903
106. McLoughlin, John,	Fireman.....	May 1, 1895	Engineer of Steamer.....	Jan. 15, 1898				Assistant Foreman.....	Nov. 10, 1905
No. 3.....			Assistant Foreman.....	Dec. 31, 1903	162. Willis, Earnest A..	Fireman.....	Feb. 14, 1899	Assistant Foreman.....	Nov. 10, 1905
107. Brennan, Francis..	Fireman.....	Dec. 24, 1899	Engineer of Steamer.....	Apr. 15, 1901	163. Walsh, Harry M..	Fireman.....	Sept. 15, 1893	Assistant Foreman.....	Nov. 10, 1905
			Assistant Foreman.....	Dec. 31, 1903	164. Corley, Wm. L....	Fireman.....	May 1, 1895	Engineer of Steamer.....	July 4, 1900
108. Burke, Thos. F....	Fireman.....	Jan. 1, 1890	Engineer of Steamer.....	Jan. 10, 1896				Assistant Foreman.....	Nov. 10, 1905
			Assistant Foreman.....	Dec. 31, 1903	165. Brennan, Jas. C...	Fireman.....	Feb. 1, 1900	Assistant Foreman.....	Nov. 10, 1905
109. Melvin, Alex. W..	Fireman.....	Jan. 7, 1895	Engineer of Steamer.....	Jan. 10, 1896	166. Barrett, John.....	Fireman.....	Sept. 11, 1893	Engineer of Steamer.....	Dec. 1, 1900
			Assistant Foreman.....	Dec. 31, 1903				Assistant Foreman.....	Nov. 10, 1905
110. Demarest, Chas. S.	Fireman.....	Feb. 15, 1897	Engineer of Steamer.....	Jan. 1, 1898	167. Benson, Peter.....	Fireman.....	July 1, 1895	Engineer of Steamer.....	May 1, 1905
			Assistant Foreman.....	Dec. 31, 1903				Assistant Foreman.....	Nov. 10, 1905
111. Breen, James H...	Fireman.....	May 1, 1892	Engineer of Steamer.....	Apr. 13, 1896	168. Neuberth, Adam...	Fireman.....	May 6, 1899	Assistant Foreman.....	Nov. 10, 1905
			Assistant Foreman.....	Dec. 31, 1903	169. Haddock, Peter J.	Fireman.....	Oct. 14, 1890	Assistant Foreman.....	Nov. 10, 1905
112. Lakestream, Henry	Fireman.....	Jan. 27, 1898	Engineer of Steamer.....	Feb. 9, 1900					
			Assistant Foreman.....	Jan. 1, 1904					
113. Lane, Jeremiah T.	Fireman.....	Feb. 13, 1894	Assistant Foreman.....	Apr. 15, 1904					
114. Spencer, John.....	Fireman.....	Jan. 16, 1896	Engineer of Steamer.....	Dec. 11, 1903					
			Assistant Foreman.....	Aug. 1, 1904					
115. Henry, James J...	Fireman.....	Mar. 6, 1891	Engineer of Steamer.....	July 15, 1892					
			Assistant Foreman.....	Aug. 1, 1904					
116. Weber, Charles....	Fireman.....	May 5, 1899	Engineer of Steamer.....	Mar. 12, 1900					
			Assistant Foreman.....	Aug. 1, 1904					
117. McCann, Michael F.	Fireman.....	Aug. 1, 1896	Engineer of Steamer.....	Jan. 5, 1898					
			Assistant Foreman.....	Aug. 1, 1904					
118. O'Brien, John R..	Fireman.....	Aug. 1, 1896	Assistant Foreman.....	Aug. 1, 1904					
119. Ruddy, Michael F..	Fireman.....	Feb. 14, 1899	Assistant Foreman.....	Aug. 1, 1904					
120. Roche, William F..	Fireman.....	Nov. 8, 1893	Assistant Foreman.....	Aug. 1, 1904					
121. McCarthy, James J	Fireman.....	Feb. 15, 1899	Assistant Foreman.....	Aug. 1, 1904					
122. Rivers, George M..	Fireman.....	Feb. 27, 1891	Assistant Foreman.....	Aug. 1, 1904					
123. Barry, Edward J..	Fireman.....	July 10, 1893	Assistant Foreman.....	Aug. 1, 1904					
124. Hartman, Wm. H....	Fireman.....	Aug. 25, 1884	Assistant Foreman.....	Aug. 1, 1904					
125. Browne, Edw. J...	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Aug. 1, 1904					
126. Unbekant, Charles.	Fireman.....	July 3, 1895	Assistant Foreman.....	Aug. 11, 1904					
127. Bauer, George....	Fireman.....	Sept. 19, 1896	Engineer of Steamer.....	June 6, 1899					
			Assistant Foreman.....	May 7, 1905					
128. Niven, Michael J..	Fireman.....	July 1, 1899	Engineer of Steamer.....	Aug. 1, 1901					
			Assistant Foreman.....	May 7, 1905					
129. Guy, Seymour J...	Fireman.....	July 30, 1898	Assistant Foreman.....	May 7, 1905					
130. Dalton, Matthew...	Fireman.....	June 1, 1887	Engineer of Steamer.....	Mar. 23, 1888					
			Assistant Foreman.....	May 7, 1905					
131. Trainor, John J...	Fireman.....	May 5, 1899	Engineer of Steamer.....	Aug. 1, 1901					
			Assistant Foreman.....	May 7, 1905					
132. Pitzer, John J....	Fireman.....	Nov. 3, 1890	Engineer of Steamer.....	Jan. 1, 1897					
			Assistant Foreman.....	May 7, 1905					
133. Boyd, Alexander..	Fireman.....	Feb. 1, 1895	Engineer of Steamer.....	Dec. 17, 1903					
			Assistant Foreman.....	May 7, 1905					
134. Eckart, Edward F.	Fireman.....	Mar. 11, 1893	Assistant Foreman.....	May 7, 1905					
135. McCollum, John R.	Fireman.....	Mar. 1, 1893	Assistant Foreman.....	May 7, 1905					
136. Cullen, William...	Fireman.....	June 7, 1886	Assistant Foreman.....	May 7, 1905					
137. Smith, Thomas W.	Fireman.....	Feb. 14, 1899	Assistant Foreman.....	May 7, 1905					
138. Tritenbach, George	Fireman.....	Apr. 16, 1896	Assistant Foreman.....	May 7, 1905					
139. Mahoney, Michael.	Fireman.....	Apr. 24, 1887	Assistant Foreman.....	May 7, 1905					
140. Clark, John, No. 1.	Private.....	Dec. 10, 1883	Assistant Foreman.....	May 7, 1905					
141. Illig, Rudolph F...	Fireman.....	Nov. 8, 1894	Assistant Foreman.....	May 7, 1905					
142. Douth, Charles F..	Fireman.....	Apr. 15, 1898	Assistant Foreman.....	May 7, 1905					
143. McGrath, Reuben.	Fireman.....	Dec. 17, 1895	Assistant Foreman.....	May 7, 1905					
144. Mitchell, Thomas..	Fireman.....	July 1, 1890	Assistant Foreman.....	May 7, 1905					
145. Jacobs, Charles....	Fireman.....	Feb. 11, 1896	Assistant Foreman.....	May 7, 1905					
146. Davenport, Chas. H.	Fireman.....	Dec. 15, 1897	Engineer of Steamer.....	Mar. 1, 1900					
			Assistant Foreman.....	July 1, 1905					
147. Biggers, Joseph M.	Fireman.....	Mar. 12, 1898	Engineer of Steamer.....	Dec. 15, 1903					
			Assistant Foreman.....	July 17, 1905					
148. McCall, John J., Jr.	Fireman.....	Mar. 15, 1898	Assistant Foreman.....	July 17, 1905					
149. Reynolds, Thos. J.	Fireman.....	Feb. 1, 1899	Assistant Foreman.....	July 17, 1905					

Bureau of Inspector of Combustibles,  
Nos. 157 and 159 East Sixty-seventh Street,  
New York, January 29, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Dear Sir—I beg leave to report a summary of the operations of this Bureau for the year 1905.

The receipts of the office from the oil licenses have decreased this year, and it will continue to do so for an indefinite period, owing to the erection of new buildings and the destruction of old ones for bridges, etc. This decrease will continue until eventually it will be almost wiped out. In years past it has been our main source of revenue, but I believe we will have to look to other means to continue the high aggregate that has heretofore come from this Bureau.

The special permits have increased in the \$2 section about 33 per cent., those in the \$5 section are abolished, while the \$10 licenses have increased about 37 per cent. In the issue of these licenses a survey has to be made. The result is that the places where the storage is allowed is visited at least four times by a member of this staff before the operation is completed, embracing as it does the storage of crude drugs, paints, oils and other dangerous substances, it requires a skilled surveyor to do this kind of work. The \$20 permits have been abolished. The chimney fires have decreased from two hundred and three in 1904 to one hundred and eighty-three in 1905. This does not show that less chimney fires have occurred, but rather indicates that they have increased in a much poorer neighborhood than heretofore.

The wholesale fireworks have increased but one, while the manufacturers of matches for 1904 were five, and in 1905 were two, the reissue being in 1904 thirteen and in 1905 fifteen. The wholesale matches in 1904 were ninety-eight, while in 1905 there were but ninety. The number of oil stations have increased 40 per cent. The certificates issued in 1904 were three hundred and twenty-six, while those issued in 1905 were four hundred and ninety-two, owing to the number of tunnels and other large operations that took place during the year. Street fires have decreased about 35 per cent., owing to the fact that the Commissioner of Public Works issues permits for building fires in the street, the right being vested entirely by law in the Fire Commissioner. The retail fireworks have increased 8 per cent., the sale and transportation of explosives has a slight increase and the manufacturer of fireworks permit has increased 50 per cent.

The work of surveys in the boroughs of Manhattan, The Bronx and Richmond continually increase, and the necessity for an increased force for our Bureau becomes daily more apparent. It is necessary that men be trained for this special position, owing to the fact that no college or school gives them the information which is absolutely necessary for their guidance. I would therefore respectfully request that additional men be sent to this office, at least one for each battalion district in our City, with four additional for special work.

The blasting operations have been very large, and, owing to the number of uniformed men that have been sent to our Bureau, we have been able to superintend them to a limited extent, but I am frank to confess that while they attend to that business alone, we do not receive the full measure of their work in this office, and I respectfully request that they be relieved from wearing uniform by your order, and they may be assigned to general duty in this office, which will increase for general surveys at least 100 per cent. the efficiency of the office.

I look forward to the present year having much larger blasting operations within our territory, and for that reason the necessity for this increased number is apparent to you.

We have no clerks in our office, and I would therefore respectfully request that one of our men who has been detailed for a number of years, and whose proficiency is recognized, should be made a clerk in this office, and in that way legalize our rights.

The increase of complaints from citizens and members of the uniformed force multiply continually, and it is necessary that we take prompt action on them; it is also necessary that we should look after the condition of the theatres and see that no rubbish has been stored in under the auditorium or gridiron.

As all this takes time, you can readily see that we are badly handicapped for an increased force.

The testing of kerosene, owing to the fact that during the past ten years we have really received no bad samples, has decreased very materially, but on the other hand the testing of the oils for lubricating purposes used by our apparatus has been very numerous, and the time which was formerly devoted to looking after the interest of the kerosene has been entirely taken up in testing those lubricating oils.

Section 760 of the Charter, which governs the chimney fires, I think, should be amended, and the penalty should be imposed on the owners of the dwellings. It can be done by the Municipal Explosives Commission, whose immediate attention should be called to it.

The many serious accidents which occur in the tunnels now under course of construction should be looked after carefully, and the law should be amended, which would give the Fire Commissioner the right to appoint civil engineers, who would supervise all the mechanical appliances within the tunnel and should decide the dangerous features that might come to his notice from time to time. This would, of course, cause an increase in our Bureau, but for the sake of life it is wise that such a step should be taken either by legislation or by whatever amendment the Board of Aldermen might suggest.



Recently a pump hose took fire, which caused the loss of three lives. This could be entirely obviated by the lubricating oil having been tested by a competent man, but owing to the carelessness or the avarice of those who sell such lubricants these lives were sacrificed.

The increase in receipts for the year 1905 over 1904 was \$3,918, which I think speaks for itself in the efficiency of the men in our Bureau.

Respectfully yours,

GEO. E. MURRAY,  
Inspector of Combustibles.

Money received and turned over to the Relief Fund for Licenses and Permits Issued, Penalties Collected, etc., January 1, 1905, to December 31, 1905:

30 blasting explosives first class magazine licenses issued, at \$30.....	\$900 00
81 blasting explosives second-class magazine licenses issued, at \$20....	1,620 00
185 blasting explosives third class magazine licenses issued, at \$10.....	1,850 00
4 explosives, sale and transportation licenses issued, at \$25.....	100 00
17 gunpowder, licenses for sale of, issued, at \$10.....	170 00
3 manufacturer of fireworks licenses issued, at \$100.....	300 00
13 wholesale fireworks licenses issued, at \$20.....	260 00

410 retail fireworks permits issued, at \$5.....	2,050 00
2 manufacturer, etc., matches licenses issued, at \$50.....	100 00
15 manufacturer, etc., matches reissues licenses issued, at \$10.....	150 00
90 wholesale match licenses issued, at \$5.....	450 00
2,965 kerosene oil licenses issued, at \$10.....	29,650 00
27 street fire permits issued, at 50 cents.....	13 50
2,526 special permits issued, at \$2.....	5,052 00
3 special permits issued, at \$5.....	15 00
320 special permits issued, at \$10.....	3,200 00
3 special permits issued, at \$20.....	60 00
10 oil stations issued, at \$25.....	250 00
492 certificates of fitness issued, at \$5.....	2,460 00
1 certificates of fitness issued, at \$1.....	1 00

Total licenses, permits, etc., issued..... \$48,651 50  
183 chimney fire penalties, at \$5..... 915 00

Total received and turned over to Relief Fund..... \$49,566 50

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

Complaints of Violations, etc.	Pending Decem-ber 31, 1904.	Received Since.	Total to be Disposed of.	Disposition.					Total.	Pending December 31, 1905.
				Complied on Notice.	Unfounded.	Penalties Col-lected.	Penalties Remitted.	Prosecution Recommended.		
Chimney fires, violation of section 760, Greater New York Charter.....	15	331	346	183	15	....	110	38	346	....
Hoistways found open after close of business, violation of section 761, Greater New York Charter.....	1	21	22	....	....	....	4	18	22	....
Explosives found in violation of section 763, Greater New York Charter.....	....	87	87	75	12	....	....	....	87	....
Fireworks found in violation of section 764, Greater New York Charter.....	1	24	25	9	16	....	....	....	25	....
Petroleum and petroleum products found in violation of section 765, Greater New York Charter.....	6	144	150	90	58	....	....	....	148	2
Selling kerosene without license, violation of section 766, Greater New York Charter.....	7	44	51	26	25	....	....	....	51	....
Chemicals and dangerous materials in violation of section 769, Greater New York Charter.....	3	24	27	19	6	....	....	....	25	2
Hay, straw and vegetable fibre in violation of section 770, Greater New York Charter.....	....	3	3	3	....	....	....	....	3	....
Dangerous conditions, violation of section 771, Greater New York Charter.....	5	571	576	502	71	....	....	....	573	3
Total.....	38	1,249	1,287	907	203	....	114	56	1,280	7

Special surveys made to determine the fitness of premises for the storage of combustibles or explosive material.....	22,672
Special surveys of places of amusement.....	123
Samples of kerosene oil collected and tested.....	295
Surveys made by firemen detailed to this Bureau on blasting operations and fireworks, from July 1, 1905, to December 31, 1905.....	11,550

Yearly report, 1905.

GEORGE E. MURRAY,  
Inspector of Combustibles.

Office of Fire Marshal,  
Nos. 157 and 159 East Sixty-seventh Street,  
Borough of Manhattan, March 16, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—I have the honor to forward herewith copy, in duplicate, of the report of this bureau for the year 1905.

There were for the year in the Boroughs of Manhattan, The Bronx and Richmond, 7,750 fires, an increase of 201 fires over that for year 1904. The total estimated loss amounted to \$5,271,955, an increase of \$741,012 over the total loss for year 1904. The average loss per fire is \$680.25, an increase of \$80.05 over the previous year's average.

The following is a summary of figures for the different Boroughs:

	Number of Fires.	Estimated Loss.	Average Loss.	Estimated Insurance.
Manhattan.....	6,707	\$5,105,578 00	\$761 23	\$156,466,487 00
The Bronx.....	691	87,841 00	127 12	4,602,700 00
Richmond.....	352	78,536 00	223 11	1,272,114 00
Total.....	7,750	\$5,271,955 00	\$680 25	\$162,341,301 00

Of the whole number of fires, 3,337 or 43 per cent. were for losses less than \$10; 2,644 or 34 per cent. for losses between \$10 and \$100; and 1,297 or 16 per cent. for losses between \$100 and \$1,000.

In ascertaining the origin and cause of the different fires, the following were found to be among the principal causes:

	Fires.
Carelessness with matches.....	757
Children playing with matches.....	244
Carelessness in the use of lit cigars, cigarettes, etc.....	404
Overheated stoves, stove pipes, etc.....	444
Chimney fires, defective flues, etc.....	439
Bonfires and brush fires.....	476
Carelessness in use of candles, tapers, etc.....	256
Gas lights in contact with curtains, etc.....	217
Kerosene oil lamps, etc., upsetting, exploding, etc.....	165

There were also 2,681 fires, causes of which could not be positively ascertained. They were in most cases, as far as the investigation could go, probably due to carelessness with matches, or with lit cigar or cigarette butts.

During the year 1,057 complaints were received and investigated. They consisted of defective flues, dangerous conditions of dumb-waiter shafts or other generally dangerous conditions found in buildings, mostly tenements. They were disposed of as follows:

Orders complied with.....	698
Orders pending.....	245
No cause found.....	110
Referred to other departments.....	4

Total..... 1,057

I desire to say that considerable work is attached to this branch of the bureau, necessitating several visits to premises when a complaint is found, in order to see whether orders given have been complied with, in the delivery of written orders, or again, sometimes in the delivery of second orders or Corporation Counsel notices. The figures, therefore, have a threefold value in denoting the amount of work accomplished.

Respecting the record of arrests for arson and their disposition by the courts, we find that, during the year 57 arrests were made. These, together with 4 cases pending from year 1904, made 61 cases, which were disposed of as follows:

Convictions:	
Found guilty and sentenced.....	8
Found guilty and sentence suspended.....	2
Pleaded guilty and sentenced.....	4
— 14	
Acquittals.	
Dismissed by Magistrates or Judges of Court of General Sessions.....	36
Acquitted by juries.....	3
Grand Jury failed to indict.....	3
— 42	
Adjudged insane and committed to asylum.....	1
Cases pending December 31, 1905.....	4
— 5	
Total.....	61

Thus it will be seen that about 23 per cent. of the number arrested for the crime of arson were convicted, a very creditable showing when the difficulties in securing convictions for this crime are considered.

In the fuller investigations called for by some fires, or in the obtaining of evidence to show guilt of the crime of arson, about 2,000 witnesses were examined by me during the year in my office, and their testimony taken down in shorthand; and in all important cases again transmitted into typewriting, copies being forwarded to the District Attorney whenever necessary.

I would again remark that my work is oftentimes much impeded by the want of a competent interpreter. Many of the fires that happen in the lower East Side occur in the homes of Hebrews, Italians and Greeks, who take advantage of the absence of an interpreter to plead an entire ignorance of English. In such cases we are compelled to trust to the interpreter they sometimes bring, or to those we may, by chance, find in the building. An interpreter attached to the bureau might also be used, when disengaged, in assisting in the clerical work, which of late has greatly accumulated in the bureau.

I desire also to call your attention to a few facts gathered in the course of my examinations of the past year's fires. I find that not a few fires happen through apparent negligence in the use of candles, used in religious services in the homes of those of the Hebrew persuasion. Care, therefore, should be taken by occupants in having windows closed or candles removed to a safe distance from curtains while such religious services are being observed.

I was also surprised at the many cases to be found among the poorer classes where three or more different persons boarding or lodging with one family, in the same suite of rooms, were each in possession of a fire insurance policy. They, in most cases, had nothing outside of wearing apparel in the premises, the value of which represented but a small fraction of the amount of their policy. I was informed that no trouble was experienced by them in procuring these policies from agents of fire insurance companies.

Moreover, these people seem to have the delusion that all would partake in a large claim if fire occurred on the premises. This idea, no doubt, is often the cause of negligence in causing fires, if not sometimes an incentive to some to commit arson.

Again, insurance claims are often adjusted for fires of which we have no cognizance. These are generally small fires, and it is only when an exorbitant claim is demanded, or a fire appears suspicious to the mind of the insurance adjuster, that the bureau is then notified.

Risks have also come to my notice which were decidedly hazardous, but not apparently deemed so by the companies, from the heavy insurances in the possession of some parties having a fire. It appears, therefore, that if some insurance officials were not so lax in respect to "risks assumed," if more discrimination was used in the disposition of claims and the "moral hazard" and other features of a risk taken into consideration, there would be a material decrease in the number of fires.

I would also recommend that some attention be given to the erection or installation of electric light signs used for purpose of advertising, and found common of late in front of buildings or on roofs of same. In times of fire they are often a menace to the lives of firemen from being improperly erected or having defective insulation. Therefore, if some contrivance were introduced by which the circuit could be turned off from the street by a member of the department, in case of fire, it would about serve the purpose desired.

It might also be suggested, that a good law could be enacted for the purpose of licensing electricians, in order to lessen dangers to life from imperfect workmanship of incompetent electricians.

Respectfully submitted,

PETER SEERY, Fire Marshal.



## Losses and Insurance, Boroughs of Manhattan, The Bronx and Richmond.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
<b>Estimated Loss—</b>													
<b>Insured and Uninsured:</b>													
On buildings and vessels..	\$287,216	\$277,641	\$140,446	\$197,921	\$62,633	\$66,103	\$90,303	\$161,830	\$56,667	\$100,728	\$94,377	\$449,079	\$1,984,946
On contents.....	458,961	511,971	303,921	224,035	278,386	165,224	203,938	129,007	109,476	146,333	209,445	546,312	3,287,009
Total.....	\$746,177	\$789,612	\$444,367	\$421,956	\$341,021	\$231,327	\$294,241	\$290,837	\$166,143	\$247,061	\$303,822	\$995,391	\$5,271,955
<b>Estimated Insurance—</b>													
On buildings and vessels.....	\$14,755,334	\$12,465,630	\$11,500,200	\$11,633,530	\$8,543,175	\$9,555,000	\$9,774,175	\$7,643,700	\$8,589,825	\$11,991,050	\$13,626,350	\$13,744,150	\$133,822,119
On contents .....	3,672,150	2,209,950	2,791,350	3,471,585	1,489,375	1,838,430	1,825,950	1,310,077	1,355,540	1,552,100	2,710,575	4,292,100	28,519,182
Total.....	\$18,427,484	\$14,675,580	\$14,291,550	\$15,105,115	\$10,032,550	\$11,393,430	\$11,600,125	\$8,953,777	\$9,945,365	\$13,543,150	\$16,336,925	\$18,036,250	\$162,341,301
<b>Estimated Uninsured Loss—</b>													
On buildings and vessels.....	\$2,514	\$34,560	\$2,540	\$18,853	\$3,237	\$8,668	\$6,039	\$2,415	\$3,005	\$7,793	\$6,393	\$100,533	\$196,550
On contents .....	58,053	31,782	20,056	5,220	3,257	16,778	3,422	6,179	1,560	6,155	9,758	58,045	220,265
Total.....	\$60,567	\$66,342	\$22,596	\$24,073	\$6,494	\$25,446	\$9,461	\$8,594	\$4,565	\$13,948	\$16,151	\$158,578	\$416,815
Average loss per fire.....	\$967.80	\$1,078.70	\$616.32	\$591.80	\$558.13	\$405.12	\$473.81	\$684.32	\$351.99	\$396.56	\$388.51	\$1,406.48	\$680.25
Number of fires.....	771	732	721	713	611	571	621	425	472	623	782	708	7,750

## Losses and Insurance, Borough of Manhattan.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
<b>Estimated Loss—</b>													
<b>Insured and Uninsured:</b>													
On buildings and vessels..	\$276,342	\$261,796	\$131,923	\$191,749	\$59,127	\$57,735	\$86,173	\$159,650	\$53,747	\$93,360	\$83,263	\$437,425	\$1,892,290
On contents .....	453,556	490,133	297,043	221,787	277,391	162,872	198,766	126,340	101,781	141,405	200,460	541,754	3,213,288
Total.....	\$729,898	\$751,929	\$428,966	\$413,536	\$336,518	\$220,607	\$284,939	\$285,990	\$155,528	\$234,765	\$283,723	\$979,179	\$5,105,578
<b>Estimated Insurance—</b>													
On buildings and vessels.....	\$14,287,700	\$12,100,130	\$11,043,000	\$11,243,600	\$8,354,200	\$9,254,050	\$9,322,175	\$7,369,400	\$8,097,500	\$11,483,700	\$13,332,350	\$13,208,700	\$129,096,505
On contents .....	3,617,025	2,156,450	2,720,400	3,436,735	1,448,600	1,815,880	1,785,600	1,074,277	1,067,040	1,384,600	2,631,675	4,231,700	27,369,982
Total.....	\$17,904,725	\$14,256,580	\$13,763,400	\$14,680,335	\$9,802,800	\$11,069,930	\$11,107,775	\$8,443,677	\$9,164,540	\$12,868,300	\$15,964,025	\$17,440,400	\$156,466,487
<b>Estimated Uninsured Loss—</b>													
On buildings and vessels.....	\$1,720	\$26,340	\$1,110	\$16,270	\$1,879	\$3,080	\$3,445	\$2,330	\$2,750	\$3,940	\$1,595	\$99,435	\$163,894
On contents .....	56,153	21,107	19,468	3,947	2,977	15,996	2,922	6,113	1,380	5,650	9,298	57,440	202,451
Total.....	\$57,873	\$47,447	\$20,578	\$20,217	\$4,856	\$19,076	\$6,367	\$8,443	\$4,130	\$9,590	\$10,893	\$156,875	\$366,345
Average loss per fire.....	\$1,071.80	\$1,130.72	\$688.54	\$717.94	\$638.55	\$436.84	\$519.96	\$750.63	\$368.55	\$437.17	\$446.10	\$1,615.80	\$761.23
Number of fires.....	681	665	623	576	527	505	548	381	422	537	636	606	6,707

## Losses and Insurance, Borough of The Bronx.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
<b>Estimated Loss—</b>													
<b>Insured and Uninsured:</b>													
On buildings and vessels..	\$9,240	\$8,555	\$3,120	\$1,675	\$960	\$6,825	\$1,250	\$530	\$620	\$5,830	\$5,275	\$7,448	\$51,328
On contents .....	4,025	11,570	3,100	670	645	1,185	4,198	360	535	4,785	2,485	2,955	36,513
Total.....	\$13,265	\$20,125	\$6,220	\$2,345	\$1,605	\$8,010	\$5,448	\$890	\$1,155	\$10,615	\$7,760	\$10,403	\$87,841
<b>Estimated Insurance—</b>													
On buildings and vessels.....	\$397,000	\$345,300	\$430,450	\$354,500	\$181,500	\$279,500	\$402,500	\$136,000	\$320,500	\$474,700	\$263,200	\$457,900	\$4,043,050
On contents .....	42,850	49,000	55,350	28,700	36,700	15,300	30,350	27,400	22,200	163,300	57,800	30,700	559,650
Total.....	\$439,850	\$394,300	\$485,800	\$383,200	\$218,200	\$294,800	\$432,850	\$163,400	\$342,700	\$638,000	\$321,000	\$488,600	\$4,602,700
<b>Estimated Uninsured Loss—</b>													
On buildings and vessels.....	\$765	\$1,220	\$1,015	\$795	\$375	\$5,230	\$125	\$60	\$125	\$3,240	\$3,660	\$1,025	\$17,635
On contents .....	1,460	525	450	115	55	180	80	15	120	495	425	460	4,380
Total.....	\$2,225	\$1,745	\$1,465	\$910	\$430	\$5,410	\$205	\$75	\$245	\$3,735	\$4,085	\$1,485	\$22,015
Average loss per fire.....	\$224.83	\$359.37	\$98.73	\$34.48	\$26.31	\$195.36	\$115.91	\$31.78	\$32.08	\$160.83	\$84.34	\$140.58	\$127.12
Number of fires.....	59	56	63	68	61	41	47	28	36	66	92	74	691

## Losses and Insurance, Borough of Richmond.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
<b>Estimated Loss—</b>													
<b>Insured and Uninsured:</b>													
On buildings and vessels..	\$1,634	\$7,290	\$5,403	\$4,497	\$2,548	\$1,543	\$2,880	\$1,650	\$2,300	\$1,538	\$5,839	\$4,206	\$41,328
On contents .....	1,380	10,268	3,778	1,578	350	1,167	974	2,307	7,160	143	6,500	1,603	37,208
Total.....	\$3,014	\$17,558	\$9,181	\$6,075	\$2,898	\$2,710	\$3,854	\$3,957	\$9,460	\$1,681	\$12,339	\$5,809	\$78,536



	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
<b>Estimated Insurance—</b>													
On buildings and vessels.....	\$70,634	\$20,200	\$26,750	\$35,430	\$7,475	\$21,450	\$49,500	\$138,300	\$171,825	\$32,650	\$30,800	\$77,550	\$682,564
On contents .....	12,275	4,500	15,600	6,150	4,075	7,250	10,000	208,400	266,300	4,200	21,100	29,700	589,550
<b>Total.....</b>	<b>\$82,909</b>	<b>\$24,700</b>	<b>\$42,350</b>	<b>\$41,580</b>	<b>\$11,550</b>	<b>\$28,700</b>	<b>\$59,500</b>	<b>\$346,700</b>	<b>\$438,125</b>	<b>\$36,850</b>	<b>\$51,900</b>	<b>\$107,250</b>	<b>\$1,272,114</b>
<b>Estimated Uninsured Loss—</b>													
On buildings and vessels.....	\$29	\$7,000	\$415	\$1,788	\$983	\$358	\$ 2,469	\$25	\$130	\$613	\$1,138	\$73	\$15,021
On contents .....	440	10,150	138	1,158	225	602	420	51	60	10	35	145	13,434
<b>Total.....</b>	<b>\$469</b>	<b>\$17,150</b>	<b>\$553</b>	<b>\$2,946</b>	<b>\$1,208</b>	<b>\$960</b>	<b>\$2,889</b>	<b>\$76</b>	<b>\$190</b>	<b>\$623</b>	<b>\$1,173</b>	<b>\$218</b>	<b>\$28,455</b>
<b>Average loss per fire.....</b>	<b>\$97 22</b>	<b>\$1,596 18</b>	<b>\$262 31</b>	<b>\$88 04</b>	<b>\$126 00</b>	<b>\$108 40</b>	<b>\$148 23</b>	<b>\$247 31</b>	<b>\$675 71</b>	<b>\$84 05</b>	<b>\$228 50</b>	<b>\$207 46</b>	<b>\$223 11</b>
<b>Number of fires.....</b>	<b>31</b>	<b>11</b>	<b>35</b>	<b>69</b>	<b>23</b>	<b>25</b>	<b>26</b>	<b>16</b>	<b>14</b>	<b>20</b>	<b>54</b>	<b>28</b>	<b>352</b>

Extent of Loss at Fires, Boroughs of Manhattan, The Bronx and Richmond, for the Year 1905.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.	Percentage to Whole Number of Fires.
Nominal or less than \$10.....	266	250	300	335	284	231	290	187	229	283	402	280	3,337	43
Between \$10 and \$50.....	202	200	187	184	152	159	150	119	118	164	158	168	1,961	25
Between 50 and 100.....	79	76	69	59	58	52	53	37	29	41	70	60	683	8
Between 100 and 1,000.....	159	155	123	106	92	96	97	62	72	100	109	126	1,297	16
Between 1,000 and 5,000.....	42	26	27	19	17	26	22	17	16	23	29	47	311	4
Between 5,000 and 10,000.....	7	9	7	3	5	2	4	..	4	6	6	14	67	..
Between 10,000 and 20,000.....	8	7	3	4	1	2	3	..	3	2	6	5	44	..
Between 20,000 and 30,000.....	1	1	1	..	1	1	..	1	..	3	..	1	10	..
Between 30,000 and 40,000.....	2	3	1	..	..	2	1	..	..	1	1	4	15	..
Between 40,000 and 50,000.....	2	..	..	..	..	..	..	..	1	..	..	1	4	..
Between 50,000 and 60,000.....	..	1	..	1	..	..	..	..	..	..	..	..	2	..
Between 60,000 and 70,000.....	1	1	3	..	..	..	..	1	..	..	1	..	7	..
Between 70,000 and 80,000.....	1	..	..	1	..	..	..	..	..	..	..	..	2	..
Between 80,000 and 90,000.....	..	1	..	..	..	..	..	..	..	..	..	..	1	..
Between 90,000 and 100,000.....	..	1	..	..	..	..	..	..	..	..	..	..	1	..
Between 100,000 and 125,000.....	..	1	..	..	..	..	..	..	..	..	..	..	1	..
Between 125,000 and 150,000.....	1	..	..	1	..	..	1	1	..	..	..	..	4	..
Between 150,000 and 175,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 175,000 and 200,000.....	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Between 200,000 and 225,000.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Between 225,000 and 250,000.....	..	..	..	..	..	..	..	..	..	..	..	1	1	..
Between 250,000 and 275,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 275,000 and 300,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 300,000 and 350,000.....	..	..	..	..	..	..	..	..	..	..	..	1	1	..
Between 350,000 and 400,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 400,000 and 450,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 450,000 and 500,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 500,000 and 600,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 600,000 and 700,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 700,000 and 800,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 800,000 and 900,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 900,000 and 1,000,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	771	732	721	713	611	571	621	425	472	623	782	708	7,750	....

### Extent of Loss at Fires, Borough of Manhattan, for the Year 1905.

[illegible]



Extent of Loss at Fires, Borough of The Bronx, for the Year 1905.

### Extent of Loss at Fires, Borough of Richmond.

[illegible]



	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.	Percentage to Whole Number of Fires.
Between 200,000 and 225,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 225,000 and 250,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 250,000 and 275,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 275,000 and 300,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 300,000 and 350,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 350,000 and 400,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 400,000 and 450,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 450,000 and 500,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 500,000 and 600,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 600,000 and 700,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 700,000 and 800,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 800,000 and 900,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Between 900,000 and 1,000,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	31	11	35	69	23	25	26	16	14	20	54	28	352	..

## Record of Complaints and Disposition for the Year Ending December 31, 1905.

From What Source.	No.	Class of Structure, or Business.	No.	Cause of Complaints.	No.
Engine companies.....	312	Tenements .....	769	Generally dangerous conditions .....	495
Fire Marshal's Bureau...	200	Dwellings .....	82	Dangerous conditions in wooden dumb waiter	
Anonymous .....	181	Business .....	72	shafts .....	284
Hook and Ladder Companies .....	136	Restaurants .....	20	Defective flues.....	278
Tenants .....	105	Furnished room houses..	15		
Neighbors .....	73	Bakeries .....	13		
Bureau of Violations.....	32	Factories .....	13		
Factory Inspectors.....	5	Boarding houses.....	12		
Tenement House Department .....	4	Club houses.....	7		
Health Department.....	3	Apartment houses.....	6		
Insurance companies.....	2	Laundries .....	6		
Bureau of Buildings.....	1	Stables .....	6		
Bureau of Combustibles.	1	Institutions .....	5		
Bureau of Incumbrances	1	Hotels .....	4		
School District Superintendent .....	7	Forges .....	4		
		Storage houses.....	3		
		Bath houses.....	2		
		Foundries .....	2		
		Garages .....	2		

From What Source.	No.	Class of Structure, or Business.	No.	Cause of Complaints.	No.
		Halls .....	2		
		Hospitals .....	2		
		Schools .....	2		
		Tailor shops.....	2		
		Art gallery.....	1		
		Church .....	1		
		Lodging house.....	1		
		Pier .....	1		
		Railroad structure.....	1		
		Saw mill.....	1		
	1,057		1,057		1,057

## Disposition.

Orders complied with.....	698
Orders pending .....	245
No causes found.....	110
Referred to other departments.....	4
	<hr/> 1,057

## BUREAU OF THE FIRE MARSHAL.

**BOROUGH OF MANHATTAN, THE BRONX AND RICHMOND.**

Causes and Estimated Losses by Fires for the Year Ending December 31, 1905.

Causes.	Manhattan.		The Bronx.		Manhattan and The Bronx. Total.		Richmond.		Total.	
	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.
Alcohol, tar, pitch, gum, oil, paints, etc.; igniting on stoves, gaslights, etc..	17	\$345 00	3	\$475 00	20	\$820 00	....	.....	20	\$820 00
Ashes (hot); igniting woodwork, etc.....	22	295 00	3	.....	25	295 00	3	\$2,350 00	28	2,645 00
Bonfires, brush fires, rubbish fires.....	333	.....	77	.....	410	.....	66	.....	476	.....
Bonfires, brush fires, etc.; sparks or heat from.....	88	921 00	21	410 00	109	1,331 00	28	2,299 00	137	3,630 00
Chimney fires; heat from defective flues, etc.....	370	8,693 00	37	300 00	407	8,993 00	32	5,642 00	439	14,635 00
Candles, tapers, etc.; carelessness in the use of.....	236	15,163 00	14	245 00	250	15,408 00	6	1,065 00	256	16,473 00
Children playing with matches or fire.....	221	17,446 00	16	543 00	237	17,989 00	7	308 00	244	18,297 00
Cigars, cigarettes, pipes (lit); carelessness with.....	329	19,609 00	49	700 00	378	20,309 00	26	3,812 00	404	24,121 00
Chemicals; combustion or explosion of.....	6	4,310 00	1	1,500 00	7	5,810 00	1	1 00	8	5,811 00
Christmas trees; ignition of.....	7	430 00	5	225 00	12	655 00	2	95 00	14	750 00
Electric cars; defective mechanism of.....	159	545 00	21	40 00	180	585 00	1	.....	181	585 00
Electric lights, wires, etc.; defective insulation of.....	65	69,445 00	4	45 00	69	69,490 00	6	3,322 00	75	72,812 00
Fireworks .....	36	1,370 00	3	45 00	39	1,415 00	3	17 00	42	1,432 00
Firecrackers .....	29	420 00	1	55 00	30	475 00	1	175 00	31	650 00
Friction of or sparks from machinery.....	11	2,395 00	2	35 00	13	2,430 00	....	.....	13	2,430 00
Fumigating; negligence in.....	9	1,540 00	....	.....	9	1,540 00	....	.....	9	1,540 00
Gas (illuminating); escaping and ignited.....	146	4,260 00	13	10,200 00	159	14,460 00	....	.....	159	14,460 00
Gaslights; in contact with curtains, etc.....	192	17,682 00	21	465 00	213	18,147 00	4	187 00	217	18,334 00
Gas stoves, ranges, radiators, etc.; explosion of or heat from.....	95	15,553 00	3	1,610 00	98	17,163 00	2	1,103 00	100	18,266 00
Incendiary .....	19	4,435 00	1	.....	20	4,435 00	3	5 00	23	4,440 00
Kerosene oil; carelessness with, in starting stove fires.....	2	.....	....	.....	2	.....	2	.....	4	.....
Lamps, kerosene, gasoline, alcohol; falling, upsetting, explosion of, heat from .....	135	6,783 00	23	4,295 00	158	11,078 00	7	555 00	165	11,633 00
Lightning .....	2	.....	....	.....	2	.....	6	2,850 00	8	2,850 00
Lime; slaking of.....	6	900 00	3	1,160 00	9	2,060 00	....	.....	9	2,060 00
Malicious mischief .....	93	33,040 00	15	150 00	108	33,190 00	1	.....	109	33,190 00
Matches; carelessness in the use of.....	653	60,535 00	80	7,805 00	733	68,340 00	24	3,510 00	757	71,850 00
Matches; gnawed by rats or mice.....	23	4,460 00	....	.....	23	4,460 00	2	13 00	25	4,473 00
Meats, fat, etc.; igniting on stoves, etc.....	76	2,265 00	7	100 00	83	2,365 00	3	15 00	86	2,380 00
Metals (hot); igniting woodwork, etc.....	8	335 00	....	.....	8	335 00	....	.....	8	335 00
Not ascertained .....	2,478	4,647,229 00	133	37,933 00	2,611	4,685,162 00	70	31,115 00	2,681	4,716,277 00
Rekindling of previous fires.....	1	.....	....	.....	1	.....	2	1,000 00	3	1,000 00



Causes.	Manhattan.		The Bronx.		Manhattan and The Bronx. Total.		Richmond.		Total.	
	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.	Fires.	Loss.
Sparks from chimneys, stoves, stove pipes, etc.....	125	4,897 00	25	1,780 00	150	6,677 00	8	758 00	158	7,435 00
Sparks from locomotives, engines, etc.....	5	258 00	24	640 00	29	898 00	8	46 00	37	944 00
Sparks from other fires.....	4	26 00	....	.....	4	26 00	....	.....	4	26 00
Stoves, furnaces, stove pipes, steam pipes; heat from.....	370	66,487 00	59	5,785 00	429	72,272 00	15	18,053 00	444	90,325 00
Stoves, furnaces, grates; hot coals falling from.....	30	3,452 00	....	.....	30	3,452 00	1	15 00	31	3,467 00
Stoves; kerosene, gasoline, etc.; upsetting, exploding or heat from.....	34	7,255 00	6	85 00	40	7,340 00	4	183 00	44	7,523 00
Spontaneous combustion of oily rags, etc.....	55	20,124 00	4	1,455 00	59	21,579 00	1	5 00	60	21,584 00
Thawing frozen pipes; carelessness in.....	92	24,190 00	7	675 00	99	24,865 00	4	17 00	103	24,882 00
Tar pots; igniting in street.....	36	170 00	1	.....	37	170 00	1	.....	38	170 00
Vapor of benzine, gasoline, naphtha; igniting.....	89	38,315 00	9	9,085 00	98	47,400 00	2	20 00	100	47,420 00
	6,707	\$5,105,578 00	691	\$87,841 00	7,398	\$5,193,419 00	352	\$78,536 00	7,750	\$5,271,955 00

## Arson Account.

Number of arrests for crime of arson or suspected arson for year 1905.....	57
Cases pending from year 1904.....	4
Total .....	61

## Disposition.

Convictions—	
Found guilty and sentenced .....	8
Found guilty and sentence suspended.....	2
Pleaded guilty and sentenced.....	4
	14
Acquittals—	
Dismissed by Magistrates or Judges of Court of General Sessions..	36
Acquitted by juries.....	3
Grand Jury failed to indict.....	3
	42
Adjudged insane and committed to asylum.....	1
Cases pending December 31, 1905.....	4
	61

Bureau of Violations and Auxiliary Fire Appliances.  
Nos. 157 and 159 East Sixty-seventh Street,  
New York, January 15, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—I have the honor to transmit herewith report showing work of this Bureau for the third quarter and year ending December 31, 1905, as follows:	
Semi-annual reports received from company commanders and examined.....	9,575
Inspections and reinspections by this Bureau.....	4,842
Communications and special reports.....	667
Notices served .....	887
Notices complied with.....	631
Notices carried over.....	59
Violations forwarded to Corporation Counsel.....	197
Total .....	887

The notices served during the year resulted in the following appliances being installed and conditions corrected:

	Number of Buildings.
Standpipe equipments, which include the necessary connections and hose, with means to supply same, either by gravity, pressure tanks or pumps, connected locally or by outside connections for use of Fire Department engines .....	46
Automatic sprinklers equipments, wet and dry.....	7
Perforated pipe (cellar and sub-cellar) equipments.....	43
Outside connections for standpipe equipments previously installed and necessary repairs and changes made.....	46
Means of communicating alarms of fire direct to Fire Department headquarters, in hotels, hospitals, etc., etc.....	104
Interior alarm systems, consisting of large gongs in hallways of hotels, etc., to warn occupants of fire and minimize delay in use of available means of escape .....	88
Proper signs in halls indicating location of exits.....	33
Diagrams in rooms .....	33
Time detector (watchman's clock).....	12
Rope fire-escapes.....	53
Other conditions corrected, such as repairs to standpipe equipments, changing of outside connections, replacing of wornout hose, testing of and re-charging extinguishers, refilling of fire pails, repairs to fire doors and shutters (accumulations of explosive and combustible material, defective lighting and heating arrangements, etc., reports of which were transmitted to proper authorities when necessary).....	99

The following portable fire appliances were also installed:

Metal fire buckets (water).....	8,304
Metal fire buckets (sand).....	66
Fire hooks .....	458
Fire axes.....	469
Three-gallon liquid chemical extinguishers.....	887

These figures cover only such cases where fire appliances were installed by order of Fire Commissioner and under supervision of this Bureau during the year, and do not include installations in former years or in new buildings.

The work of securing installation of sprinklers or perforated pipes in cellars and sub-cellars is progressing as rapidly as circumstances and the force available will permit, and it is expected that within the incoming year protection will be provided in all cellars and sub-cellars in at least the lower part of the City. This will practically remove a dangerous condition which has heretofore been a source of great anxiety to the Fire Department.

A supply of the Fire Department regulations for standpipe (fire line) and perforated pipe equipments was furnished the Superintendents of Bureaus of Buildings of the various boroughs for information of architects and engineers when filing plans, with result that this Bureau has been recognized and consulted, the best interests of this Department conserved and better conditions secured as to auxiliary fire protection.

The numerical force of this Bureau is small, the work is more or less of a supervisory nature and of value in securing proper initial installations, the correction of defects and the tabulating of statistics, whereas the inspection work of the company officers is of greater value in that they secure information as to the construction of the building, the location of entrances, the means of exit, the communications between floors and walls, the nature and character of stock and the condition of the auxiliary fire appliances, all of which enables the Fire Department, in event of fire, to

work with greater facility, and certainly to better advantage than if such information were not possessed by the officer first to arrive, and consequently available for the chief officer in command at the fire.

The card index system, installed during the latter part, of the year is not as yet complete, but will be finished within a short time, and the office records will then be in better shape than ever before.

The volume of business handled by this Bureau, as stated in my report for last year, and as shown by comparison with this year's work, increases each year, and the necessity for additional help and more office space becomes evident each day.

The force of this Bureau now consists of:

Chief of Battalion in charge.....	1
Engineer, detailed .....	1
First grade firemen, detailed .....	6
Stenographer (ununiformed).....	1
Total .....	9

The Bureau occupies about 150 square feet of floor space in centre of fourth floor, and there is no semblance of privacy for the officer in charge, which condition has a tendency to delay to some extent the work of this office.

## Recommendations.

That an officer of the uniformed force, with experience as an engineer, be assigned or detailed as assistant to officer in charge; the number of uniformed firemen now detailed and acting as inspectors to remain the same.

That the force of this Bureau be added to by the addition of one (ununiformed) clerk.

That at least 700 square feet of floor space be provided for this Bureau.

That the Corporation Counsel be communicated with for the purpose of formulating better arrangements or new laws governing the services of notices, as there have been many cases wherein service on owners has been practically impossible; also as to providing means for punishing responsible persons who wilfully neglect or refuse to install means for preventing or extinguishing fires in buildings occupied for various purposes, and in which loss of life is liable to occur through such neglect or refusal, as the present method is slow and cumbersome.

I would further recommend that company commanders be given ample opportunity in which to make proper inspections of the various buildings in their company districts, and that in such districts as contain an unusual number of large structures chief officers be directed to facilitate the work as much as possible, and further, that permission be given to forward semi-annual reports at least one month in advance of the regular time.

Respectfully submitted,

WILLIAM T. BEGGIN,  
Chief of Battalion in Charge.

Fire Department, City of New York,  
Headquarters, Hospital and Training Stables,  
New York, January 17, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—I have the honor to submit the following report of horses for the year 1905: Number on hand December 31, 1904..... 629

Purchased during the year of 1905, on:

Contract of March 9, 1904.....	16
Contract of February 16, 1905.....	10
Contract of May 19, 1905.....	108
Contract of October 24, 1905.....	30
From various Companies of the Volunteer Fire Department of Staten Island .....	17
	181

Sold during the year 1905.....	18
Died during the year 1905.....	38
	56

On hand December 31, 1905..... 754

The number required to equip the Department in the Boroughs of Manhattan, Bronx and Richmond, is seven hundred and twenty-five. To complete the contract of May 19, 1905, the Fiss, Doerr & Carroll Horse Company have yet to furnish seven horses for our chief officers' use.

Very respectfully,

JOSEPH SHEA, Chief of Battalion in Charge.

Contracts executed by the Fire Commissioner for the boroughs of Manhattan, The Bronx and Richmond during 1905:

## Architects' Services.

Francis H. Kimball, for the plans, specifications and supervision of the construction of a building on the north side of One Hundred and Sixty-first street, 200 feet west of Amsterdam avenue, \$2,976.19.

Michael J. Garvin, for the plans, specifications and supervision of the construction of a building at Nos. 589 and 591 East One Hundred and Forty-third street, \$2,857.14.

Bernstein & Bernstein, for the plans, specifications and supervision of the construction of a building on the southerly side of One Hundred and Thirty-fifth street, 100 feet west of Lenox avenue, \$1,619.05.

Werner & Windolph, for the plans, specifications and supervision of the construction of a building on the southerly side of West Sixty-third street, east of Amsterdam avenue, \$2,857.14.

## New Buildings and Alterations.

New building for quarters for Engine Company 6.....	\$27,850.00
New building for quarters of Engine Company 23.....	34,900.00
New brass foundry and storage yard at Repair Shops.....	37,000.00
Alterations to quarters of Engine Company 42.....	1,250.00
Alterations to quarters of Engine Company 20.....	17,441.00
Alterations to quarters of Engine Company 38.....	1,370.00
Alterations to quarters of Engine Company 68.....	3,874.00
Alterations to quarters of Engine Company 75.....	1,433.00



Alterations to quarters of Hook and Ladder Company 10.....	860.00
Alterations to quarters of Hook and Ladder Company 20.....	1,897.00
Alterations to plumbing system quarters Hook and Ladder Company 20....	1,848.00
Alterations to heating system quarters Hook and Ladder Company 20....	1,897.00
Equipment for new Repair Shops.....	29,475.00
Electric freight elevators for new Repair Shops.....	7,850.00
Plumbing, gas and electric system for new quarters Engine Company 23....	4,865.00

New Apparatus, Etc.

2 first size steam fire engines.....	\$11,650 00
3 second size steam fire engines.....	16,575 00
2 third size steam fire engines.....	10,450 00
3 85-foot aerial hook and ladder trucks.....	16,050 00
3 75-foot aerial hook and ladder trucks.....	14,900 00
1 55-foot aerial hook and ladder truck.....	3,193 00
10 first size hose wagons.....	9,490 00
Rebuilding first size Clapp & Jones steam fire engine No. 559.....	3,750 00
Axles for engines, hose wagons and battalion wagons.....	1,117 19
Wheels for engines.....	2,167 20
Wheels for Deputy Chiefs and hose wagons.....	414 98

New Hose.

20,000 feet of 2½ inch.....	\$18,700 00
6,000 feet of 3 inch.....	7,500 00
6,000 feet of 3 inch.....	7,300 00

Horses.

90 animals.....	\$30,284 00
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Fire-boats.

Repairs to "The New Yorker".....	\$174 37
Supplies for.....	1,854 24
Millard & Maclean, for the design, specifications and superintendence of construction of two fire-boats.....	11,904 47
William Gardner, for the design, specifications and superintendence of construction of a fire-boat.....	5,952 38

Fire Alarm Telegraph.

Extending and improving.....	\$23,987 60
Repairs to.....	2,466 00
90 fire alarm boxes.....	7,300 00
25,000 feet of underground cable.....	3,860 00
Supplies for.....	4,397 58

Forage.....	\$27,822 00
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Fuel.

Coal for apparatus houses.....	\$50,412 00
Coal for fire-boats.....	16,910 00
Cannel coal.....	4,155 00
Kindling wood.....	2,215 00

Lumber.

For repair shops.....	\$7,078 26
For Superintendent of Buildings.....	2,437 25

Miscellaneous.

Telephone service.....	\$3,762 00
Two electric automobile runabouts.....	4,000 00
One automobile.....	6,250 00
Harness, leather, etc.....	6,573 06
General supplies.....	22,091 40
Repair shop supplies.....	13,784 02

BOROUGH OF RICHMOND.

Alterations to Buildings.

Quarters of Engine Company 206.....	\$1,849 00
Quarters of Engine Company 207.....	1,641 00
Quarters of Engine Company 208.....	2,176 00
Quarters of Hook and Ladder Company 105.....	2,383 00

Fire Alarm Telegraph.

Alterations to.....	\$13,800 00
50 fire alarm signal boxes.....	1,890 00
3 fourth size engines.....	13,500 00
30 horses.....	8,550 00
Miscellaneous supplies.....	102 02

Superintendent of Buildings,  
Nos. 157 and 159 East Sixty-seventh Street,  
Borough of Manhattan, April 25, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—I have the honor to submit the following report in relation to the buildings of this Department for the year 1905:

Work Involving New Buildings, or Extensive Alterations.

On the 1st of January, 1905, the following work (awarded during the previous year) was in course of construction:

Repairs to quarters of Training Stables, located at No. 135 St. Edwards street, Borough of Brooklyn. This work is completed.

Alterations to quarters of Engine Company 139, located at No. 369 Fourth avenue, Borough of Brooklyn. This work is completed.

Alterations to the quarters of Hook and Ladder Company 20, located at No. 157 Mercer street. Work still in progress.

Repairs to quarters of Engine Company 70, located on City Island. This work is completed.

New building in One Hundred and Thirty-eighth street, Borough of The Bronx, for Engine Company 83. This work is completed, with the exception of the plumbing, which is under a separate contract.

Repairs to the quarters of Engine Company 52, Riverdale, Borough of The Bronx. This work is completed.

New building in One Hundred and Thirty-ninth street west of Amsterdam avenue, for Engine Company 80. This work is completed.

New building for Engine Company 30, located at Nos. 278 to 284 Spring street. This building is completed.

Superstructure for new Repair Shops, located at Fifty-sixth street and Twelfth avenue. This work is completed.

New building on Intervale avenue, 41 feet north of Home street, Borough of The Bronx, for Engine Company 82. This building is completed.

New building in Watkins street, 250 feet south of Glenmore avenue, Borough of Brooklyn, for Engine Company 131. Work is now completed.

New building for Hook and Ladder Company 8, located at corner of North Moore and Varick streets. Building completed.

Alterations to quarters of Engine Company 113, located at No. 137 Powers street, Borough of Brooklyn. This work is completed.

Alterations to the quarters of Engine Company 122, located at No. 836 Quincy street, Borough of Brooklyn. Work now completed.

Alterations to the quarters of Hook and Ladder Company 53, located at No. 183 Concord street, Borough of Brooklyn. This work is completed.

Alterations to the quarters of Engine Company 108, located at No. 227 Front street, Borough of Brooklyn. This work is completed.

Alterations to the quarters of Engine Company 53, located at No. 175 East One Hundred and Fourth street, Borough of Manhattan. Work now completed.

Alterations to the quarters of Engine Company 58, located at No. 81 West One Hundred and Fifteenth street. Work completed.

Alterations to the quarters of Engine Company 40, located at No. 153 West Sixty-eighth street. This work is completed.

Additions and alterations to the school building on Albany road near Bailey avenue, Borough of The Bronx, for Engine Company 81. This work is completed.

Alterations to the quarters of Hook and Ladder Company 21, located at No. 432 West Thirty-sixth street. This work is completed, with the exception of a few small items.

Alterations to the quarters of Engine Company 50, located at No. 749 East One Hundred and Sixty-sixth street. This work is completed.

Alterations to the quarters of Engine Company 44, located at No. 221 East Seventy-fifth street. This work is completed.

New building for Engine Company 7 and Hook and Ladder Company 1, located at Nos. 102 to 106 Duane street, Borough of Manhattan. This building is completed, with the exception of a few small items.

The following contracts were awarded:

New building for Engine Company 6, located at No. 113 Liberty street, Borough of Manhattan. George A. Fuller Company, contractors. Price, \$27,850. This building is completed.

Alterations to the quarters of Engine Company 42, No. 1192 Fulton avenue, Borough of The Bronx. Louis Muller, contractor. Cost, \$1,250. This work is practically complete.

Additions and alterations to the quarters of Engine Company 102 and Hook and Ladder Company 51, located at Nos. 199 and 201 Van Brunt street, Borough of Brooklyn. Thomas G. Carlin, contractor. Cost, \$29,456.

Freight elevator for the new Repair Shops building, located at Fifty-sixth street and Twelfth avenue, Borough of Manhattan. Otis Elevator Company, contractors. Cost, \$7,850.

Additions and alterations to the quarters of Engine Company 131, Borough of Brooklyn. F. W. Carlin Construction Company, contractors. Cost, \$2,160.

Repairs to the quarters of Engine Company 75, One Hundred and Eighty-third street and Jerome avenue. E. H. Booth, contractor. Cost, \$1,433.

Repairs to the quarters of Engine Company 38, No. 1907 Amsterdam avenue. Louis Muller, contractor. Cost, \$1,370.

Repairs to the quarters of Hook and Ladder Company 10, No. 191 Fulton street. E. H. Booth, contractor. Cost, \$860.

Additions and alterations to the quarters of Engine Company 20, No. 47 Marion street. George Hildebrand, contractor. Cost, \$17,441.

New building for Engine Company 23, located at No. 215 West Fifty-eighth street, Borough of Manhattan. Thomas B. Leahy Building Company, contractors. Cost, \$34,900.

Additions and alterations to the quarters of old volunteer company on Central avenue, Far Rockaway, for quarters for Engine Company 164. Frank Baldwin, contractor. Cost, \$4,400.

Repairs to the quarters of Engine Company 68, No. 1116 Ogden avenue, Borough of The Bronx. Joseph M. Knopp, contractor. Cost, \$3,874.

Brass Foundry and Storage Yard for new Repair Shops, located at Fifty-sixth street and Twelfth avenue, Borough of Manhattan. Alfred Nugent's Son, contractor. Cost, \$37,000.

Additions and alterations to the quarters of Engine 166, located at Grove street, near boulevard, Rockaway Beach. Frank Baldwin, contractor. Cost, \$2,370.

Additions and alterations to the quarters of Hook and Ladder Company 71, located at boulevard, near Bayview avenue, Rockaway Beach. Frank Baldwin, contractor. Cost, \$1,985.

Plumbing, gas and electric system for new building for Engine Company 23, No. 215 West Fifty-eighth street. Frank J. Fee, contractor. Cost, \$4,865.

Additions to the quarters of Engine Company 167, boulevard, near Henry street, Rockaway Beach. Edward Stapleton, contractor. Cost, \$3,550.

Additions to the quarters of Engine Company 165, Borough of Queens. Edward Stapleton, contractor. Cost, \$3,600.

Additions and alterations to the quarters of Engine Company 207, located at Cottage place and New street, Port Richmond, Staten Island. James Conley, contractor. Cost, \$1,641.

Additions and alterations to the quarters of Hook and Ladder Company 105, located at Port Richmond, Staten Island. Philip Wolf & Son, contractors. Cost, \$2,383.

Additions and alterations to the quarters of Engine Company 206, West New Brighton, Staten Island. Philip Wolf & Son, contractors. Cost, \$1,849.

Additions and alterations to the quarters of Engine Company 208, Mariner's Harbor, Staten Island. Bradford B. Babbitt, contractor. Cost, \$2,176.

Small Contract Jobs and Work Done by Department Mechanics.

Repairs and small alterations were made on 121 buildings of the Department in the Boroughs of Manhattan and The Bronx, at a total cost of \$47,560.28.

The amount of repairs averaged \$393.06 per building.

Grouping the repairs and alterations, 365 jobs were done by contract, amounting to \$29,200.48, and 766 jobs were done by mechanics employed by the Department, the estimated cost of which is \$18,359.80.

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.

	Estimated Repairs by Department Mechanics.	Contract Repairs.	Totals.
Engine Company 1.....	\$302 95	\$131 58	\$434 53
Engine Company 2.....	35 16	826 00	861 16
Engine Company 3.....	158 55	12 85	171 40
Engine Company 4.....	59 79	809 33	869 12
Engine Company 5.....	344 98	75 00	419 98
Engine Company 6.....	4 45	363 45	367 90
Engine Company 7.....	62 55	83 45	146 00
Engine Company 8.....	333 51	146 23	479 74
Engine Company 9.....	53 24	68 65	121 89
Engine Company 10.....	51 23	74 45	125 68
Engine Company 11.....	193 82	20 84	214 66
Engine Company 12.....	770 30	13 80	784 10
Engine Company 13.....	32 32	603 90	636 22
Engine Company 14.....	5 95	43 45	49 40
Engine Company 15.....	136 59	53 00	189 59
Engine Company 16.....	183 82	110 09	293 91
Engine Company 17.....	328 28	357 57	685 85
Engine Company 18.....	63 57	632 28	695 85
Engine Company 19.....	517 59	79 45	597 04
Engine Company 20.....	284 67	.....	284 67
Engine Company 21.....	373 96	316 59	690 55
Engine Company 22.....	109 42	355 90	465 32
Engine Company 23.....	317 32	5 45	322 77



	Estimated Repairs by Department Mechanics.	Contract Repairs.	Totals.
Engine Company 24.....	58 63	196 00	254 63
Engine Company 25.....	243 24	.....	243 24
Engine Company 26.....	300 11	385 45	685 56
Engine Company 27.....	439 60	25 00	464 60
Engine Company 28.....	265 45	75 00	340 45
Engine Company 29.....	32 06	74 40	106 46
Engine Company 30.....	73 08	880 08	953 16
Engine Company 31.....	166 72	322 81	489 53
Engine Company 32.....	32 51	22 65	55 16
Engine Company 33.....	165 36	499 27	664 63
Engine Company 34.....	282 75	119 34	402 09
Engine Company 35.....	128 14	243 83	371 97
Engine Company 36.....	250 76	44 65	295 41
Engine Company 37.....	171 21	.....	171 21
Engine Company 38.....	123 87	55 03	178 90
Engine Company 39.....	125 61	255 67	381 28
Engine Company 40.....	52 47	178 54	231 01
Engine Company 41.....	2 05	144 30	146 35
Engine Company 42.....	18 90	42 00	60 90
Engine Company 43.....	38 21	150 28	198 49
Engine Company 44.....	8 50	30 00	38 50
Engine Company 45.....	451 13	359 61	810 74
Engine Company 46.....	58 95	160 58	219 53
Engine Company 47.....	45 30	510 50	555 80
Engine Company 48.....	79 23	548 89	628 12
Engine Company 49.....	39 20	.....	39 20
Engine Company 50.....	10 88	98 00	108 88
Engine Company 51.....	69 72	28 02	97 74
Engine Company 52.....	233 93	53 65	287 58
Engine Company 53.....	12 25	.....	12 25
Engine Company 54.....	770 30	767 30	1,537 60
Engine Company 55.....	93 44	124 20	217 64
Engine Company 56.....	69 95	288 00	357 95
Engine Company 57.....	86 62	186 77	273 39
Engine Company 58.....	63 77	68 14	131 91
Engine Company 59.....	19 75	211 30	231 05
Engine Company 60.....	38 98	198 52	237 50
Engine Company 61.....	11 00	150 00	161 00
Engine Company 62.....	31 00	160 00	191 00
Engine Company 63.....	151 14	476 92	628 06
Engine Company 64.....	182 83	78 83	261 66
Engine Company 65.....	15 68	252 87	268 55
Engine Company 66.....	35 94	715 21	751 15
Engine Company 67.....	.....	208 27	208 27
Engine Company 68.....	1 75	100 00	191 75
Engine Company 69.....	69 31	161 10	230 41
Engine Company 70.....	36 12	83 58	119 70
Engine Company 71.....	82 59	48 45	131 04
Engine Company 72.....	29 31	807 37	836 68
Engine Company 73.....	94 73	100 00	194 73
Engine Company 74.....	12 85	131 00	143 85
Engine Company 75.....	199 74	271 80	471 54
Engine Company 76.....	8 00	192 35	200 35
Engine Company 77.....	1 40	.....	1 40
Engine Company 78.....	16 85	.....	16 85
Engine Company 79.....	6 35	29 04	35 39
Engine Company 80.....	21 78	227 10	248 88
Engine Company 81.....	66 93	672 00	738 93
Engine Company 82.....	17 38	18 00	35 38
Engine Company 83.....	65 00	93 00	158 00
Fire Department, Headquarters Building.....	316 84	2,437 48	2,754 32
Hospital Stables .....	446 61	860 28	1,306 89
Repair Shops .....	183 48	242 45	425 93
Fuel Depot No. 1.....	126 25	.....	126 25
Fuel Depot No. 4.....	64 86	.....	64 86
Fuel Depot No. 5.....	123 65	86 19	209 84
Eighth Battalion .....	85 08	68 00	153 08
Fuel Depot No. 19.....	77 92	122 27	200 19
Fuel Depot No. 20.....	.....	629 00	629 00
Telegraph Bureau, Storehouse.....	48 89	32 29	81 18
No. 173 Elm street, Deputy Chief, First Division.....	230 70	644 82	875 52
Storehouse, No. 20 Eldridge street.....	37 54	.....	37 54
Bell Tower, Mt. Morris Park.....	147 94	.....	147 94
Hook and Ladder Company 1.....	35 99	28 05	64 04
Hook and Ladder Company 2.....	304 87	286 60	591 47
Hook and Ladder Company 3.....	502 84	15 90	518 74
Hook and Ladder Company 4.....	381 57	912 27	1,293 84
Hook and Ladder Company 5.....	21 11	215 08	236 19
Hook and Ladder Company 6.....	219 92	127 00	346 92
Hook and Ladder Company 7.....	343 39	389 36	732 75

	Estimated Repairs by Department Mechanics.	Contract Repairs.	Totals.
Hook and Ladder Company 8.....	60 96	22 80	83 76
Hook and Ladder Company 9.....	339 45	503 55	843 00
Hook and Ladder Company 10.....	523 29	117 14	640 43
Hook and Ladder Company 11.....	813 37	62 96	876 33
Hook and Ladder Company 12.....	400 99	46 70	447 69
Hook and Ladder Company 13.....	434 74	128 59	563 33
Hook and Ladder Company 14.....	64 51	608 67	673 18
Hook and Ladder Company 15.....	11 53	162 41	173 94
Hook and Ladder Company 16.....	72 17	247 24	319 41
Hook and Ladder Company 17.....	204 73	55 75	260 48
Hook and Ladder Company 18.....	126 97	176 00	302 97
Hook and Ladder Company 19.....	43 85	15 00	58 85
Hook and Ladder Company 20.....	129 58	485 15	614 73
Hook and Ladder Company 21.....	55 31	228 78	284 09
Hook and Ladder Company 22.....	29 66	141 00	170 66
Hook and Ladder Company 23.....	32 26	1,139 36	1,171 62
Hook and Ladder Company 24.....	156 53	116 08	272 61
Hook and Ladder Company 25.....	56 10	132 12	188 22
Hook and Ladder Company 26.....	19 43	23 00	42 43
Hook and Ladder Company 27.....	27 65	79 39	107 04
Hook and Ladder Company 28.....	42 94	103 77	146 71
	\$18,359 80	\$29,200 48	\$47,560 28

During the year the paid Department was installed in the Borough of Richmond and the following work was done on the buildings:

	Estimated Repairs by Department Mechanics.	Contract Repairs.	Totals.
Engine Company 201.....	.....	\$84 00	\$84 00
Engine Company 202.....	\$5 00	66 00	71 00
Engine Company 203.....	5 00	47 00	52 00
Engine Company 204.....	5 00	86 55	91 55
Engine Company 205.....	24 46	.....	24 46
Engine Company 206.....	20 95	.....	20 95
Engine Company 207.....	10 60	.....	10 60
Engine Company 208.....	11 30	43 00	54 30
Hose Company 1.....	6 25	85 00	91 25
Hook and Ladder Company 101.....	.....	107 68	107 68
Hook and Ladder Company 102.....	5 50	79 07	84 12
Hook and Ladder Company 103.....	5 00	18 00	23 00
Hook and Ladder Company 104.....	5 00	992 75	997 75
Hook and Ladder Company 105.....	5 00	.....	5 00
	\$108 61	\$1,609 05	\$1,717 66

Respectfully,  
ALEXANDER STEVENS,  
Superintendent of Buildings.

Fire Department Repair Shops,  
Corner Twelfth avenue and Fifty-sixth street,  
New York, January 23, 1906.

Hon. JOHN H. O'BRIEN, Fire Commissioner:

Sir—I have the honor to submit the following report of operations in the Repair Shops from January 1 to December 31, 1905, inclusive:

Apparatus Received.

2 first-size, Metropolitan fire engines.  
4 second-size Metropolitan fire engines.  
3 third-size, Metropolitan fire engines.  
5 fourth-size, Metropolitan fire engines.  
1 second-size Nott fire engine.  
1 third-size Nott fire engine.  
1 third-size American fire engine.  
1 fourth size American fire engine.  
3 aerial hook and ladder trucks (2 went to Queens)  
5 combination hook and ladder trucks (Queens).  
6 first-size hose wagons (Queens).  
3 first-size boat tenders (Queens).

Hose Received.

1,000 feet Eureka 3½-inch hose (Queens).  
8,000 feet Eureka 2½-inch hose (Queens).  
6,000 feet Perfect Jacket 2½-inch hose.  
12,500 feet Windsor 2½-inch hose.  
12,500 feet Centaur 2½-inch hose.  
9,000 feet Unique 2½-inch hose (Queen).  
20,000 feet Rubber 2½-inch hose (rejected).  
1,000 feet Challenge 2½-inch hose.  
6,000 feet Eureka 3-inch hose.

Fire Boats Repaired at Berths.

Engine Company 77.	Nelson Machine and Supply Company.....	\$98 50
Engine Company 51.	P. H. O'Day & Son.....	175 00
Engine Company 77.	John W. Sullivan.....	425 00
Engine Company 66.	John F. Walsh, Jr.....	790 00
Engine Company 51.	John F. Walsh, Jr.....	150 00
Engine Company 66.	Geo. N. Gardiner & Son.....	265 00
Engine Company 78.	Geo. N. Gardiner & Son.....	265 00
Engine Company 77.	Geo. N. Gardiner & Son.....	265 00
Engine Company 51.	Geo. N. Gardiner & Son.....	265 00
Engine Company 66.	John F. Walsh, Jr.....	95 00
Engine Company 66.	Alexander Miller & Bro.....	628 00
Engine Company 66.	Alexander Miller & Bro.....	848 00



Engine Company 51. Alexander Miller & Bro.....	317 12
Engine Company 78. Alexander Miller & Bro.....	300 00
Engine Company 78. John F. Walsh, Jr.....	450 00
Engine Company 57. John F. Walsh, Jr.....	8,437 00
Engine Company 57. John F. Walsh, Jr.....	9,000 00
Engine Company 51. P. H. O'Day & Son.....	40 00
Engine Company 78. Alexander Miller & Bro.....	92 00
Total .....	\$22,905 62

Apparatus Repaired at Shop.	
Engines .....	128
Hose wagons .....	34
Battalion wagons .....	105
Hook and Ladder trucks.....	35
Water towers .....	6
Search-light engines.....	2
Miscellaneous .....	18

Apparatus Repaired Outside of Shop.	
Engines .....	338
Hose wagons .....	46
Battalion wagons .....	36
Hook and ladder trucks.....	203
Water towers .....	28
Search-light engines .....	2
Miscellaneous .....	28

Very respectfully,

THOMAS F. BARRETT,  
Battalion Chief in Charge of Repair Shops.

## RELIEF FUND.

## Receipts, 1905.

From Bureau of Combustibles—	
Oil licenses .....	\$64,570 00
Fireworks permits .....	4,785 00
Special permits .....	17,083 00
Permits for sale, use, etc., of explosives.....	7,391 00
Chimney fire penalties.....	1,415 00
Powder licenses .....	310 00
Fire in street permits.....	37 50
Match licenses .....	905 00
	\$96,496 50

Contributions—Donations—	
Jan. 5. J. & W. Seligman & Co.....	\$1,000 00
Jan. 17. Frederick Scholes .....	100 00
Jan. 19. John Gibb.....	50 00
Jan. 25. Gallatin National Bank.....	100 00
Feb. 3. Drummond's Detective Agency.....	9 00
Mar. 2. American Press Association.....	25 00
Mar. 9. H. A. Baker & Co.....	50 00
June 12. Brooklyn Heights Railroad Company.....	100 00
June 22. New York Dock Company.....	250 00
July 20. C. A. Willey, Hunter's Point.....	25 00
Sept. 1. Messrs. Behrend & Blaser.....	10 00
Dec. 21. Clarence H. Eagle.....	25 00
Dec. 26. George D. Wick.....	100 00
	1,844 00

Excise licenses .....	346,531 79
Penalties .....	380 50
Foreign fire insurance tax.....	115,316 82
Interest .....	28,930 49
Sale of condemned property.....	10,579 16
Fines, Uniformed Force, deducted from pay-rolls.....	3,051 62
Special leaves, Uniformed Force, deducted from pay-rolls.....	2,909 05
	\$606,039 93

## Disbursements, 1905.

City Comptroller—	
To be paid to the Treasurers of the Exempt or Veteran Firemen's Associations, 45 per cent. of proceeds of suits for penalties and of all license fees collected in the 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, 10, chapter 466, Laws of 1901.....	
	\$5,226 64
Pensions, widows and orphans, etc., boroughs of Manhattan and The Bronx.....	\$102,606 45
Retired men, Manhattan and The Bronx.....	270,873 37
Pay of relieved men, Manhattan and The Bronx.....	44,592 86
Pensions, widows and orphans, etc., boroughs of Brooklyn and Queens .....	55,200 79
Pensions, retired men, boroughs of Brooklyn and Queens..	108,274 00
	581,547 47
Expense .....	210 00
	\$586,984 11

## Recapitulation.

Amount of fund, December 31, 1904—	
Bonds, municipal .....	\$765,007 00
Bonds and mortgages.....	47,250 00
Cash .....	21,854 43
	\$834,111 43
Receipts, 1905.....	606,039 93
	\$1,440,151 36
Disbursements, 1905 .....	586,984 11
	\$853,167 25
Balance December 31, 1905.....	\$586,984 11
Bonds, municipal .....	\$765,007 00
Bonds and mortgages .....	45,250 00
Cash .....	42,910 25
	\$853,167 25
Amount of Fund December 31, 1904.....	\$834,111 43
Amount of fund December 31, 1905.....	853,167 25
Surplus for the year 1905.....	\$19,055 82

Securities and assets, December 31, 1905—	
New York and Brooklyn City bonds, as per Schedule "A".....	\$765,007 00
Real estate bonds and mortgages, as per Schedule "B".....	45,250 00
Cash in Windsor Trust Company Bank.....	25,980 47
Cash in Fidelity Bank.....	10,141 78
Cash in office, received December 31, 1905, too late for deposit .....	6,788 00
	\$853,167 25

## Pension Rolls December 31, 1905—

Retired men, boroughs of Manhattan and The Bronx.....	332
Relieved men, boroughs of Manhattan and The Bronx.....	63
Widows and orphans, etc., boroughs of Manhattan and The Bronx.....	327
Retired men, boroughs of Brooklyn and Queens.....	135
Widows and orphans, etc., boroughs of Brooklyn and Queens.....	170
	1,027

## SCHEDULE "A."

New York City and Brooklyn Bonds, Etc., the Property of the New York Fire Department Relief Fund.

Description.	No. of Bond.	Rate of Interest.	Amount.
Croton water main .....	51	5	\$10,000 00
Dock Board .....	5	3	105,000 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
School-house Bonds, New York City.....	449	3	62,300 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.....	13	3½	15,000 00
Consolidated Stock, City of New York.....	2	3½	2,000 00
Public Sites, etc., City of Brooklyn.....	13	3	30,000 00
School Building Bonds, City of Brooklyn.....	29	3½	40,000 00
Total.....			\$765,007 00

## SCHEDULE "B."

## Bonds and Mortgages.

Name.	Rate of Interest.	Principal Payable.	Amount.
Margaret Shea .....	4½	Dec. 5, 1901	\$4,000 00
Jane Kassenbrock .....	5	Aug. 1, 1886	2,250 00
Charles Robbins .....	4½	May 1, 1888	7,000 00
Emma L. Kibbe .....	4½	May 1, 1889	4,500 00
E. C. Martin and others.....	5	Nov. 1, 1888	3,000 00
Caroline Storm .....	4½	Nov. 1, 1890	2,500 00
Corinne Moore .....	5	July 1, 1889	1,000 00
Celestine Wilkinshoff .....	4	Apr. 21, 1893	15,000 00
Kate E. Dallan.....	5	Dec. 16, 1895	2,500 00
Wolbeck & Rothman.....	5	Mar. 15, 1895	2,500 00
Michael Mayer .....	5	June 9, 1895	1,000 00
Total.....			\$45,250 00

## Summary.

Municipal bonds .....	\$765,007 00
Bonds and mortgages.....	45,250 00
Total investments December 31, 1905.....	\$810,257 00

## Paid Widows and Orphans During the Year 1905.

## BOROUGH OF MANHATTAN AND THE BRONX.

Mary Daly, No. 191 East Seventy-sixth street.....	\$300 00
Margaret Blessing, No. 197 St. Nicholas avenue.....	300 00
Francis Lear, No. 6 Ackerman street, Kingsbridge.....	300 00
Rose M. Tobin, No. 404 West Fifty-eighth street.....	1,000 00
Catherine Kilsheimer, No. 470 West One Hundred and Fifty-seventh street.....	300 00
Ellen Reilly, No. 401 Grand street.....	300 00
Katie Conry, No. 265 Ninth street, Brooklyn.....	300 00
Mary J. Nicholson, No. 1591 Lexington avenue.....	70 16
Margaret Lanson, Stillwell avenue, Coney Island.....	300 00
Mary A. Nolan, No. 303 East Eighty-ninth street.....	300 00
Mary Purdy, No. 820 Greenwich street.....	300 00
Fannie O'Reilly, Belleville, N. J.....	300 00
Mary F. Birmingham, North Tarrytown, N. Y.....	300 00
Mary Lyons, No. 151 West Sixty-second street.....	300 00
Charity A. Wilhelm, Hasbrouck Heights, N. J.....	300 00
John J. McManus, guardian, No. 22 Clarkson street.....	300 00
Annie M. Algeo, 696 East One Hundred and Forty-seventh street.....	300 00
Annie Reinhardt, No. 423 Fifth street.....	500 00
Rachel Shuck, No. 235 West Sixty-sixth street.....	300 00
Annie E. Daly, No. 215 West Sixty-sixth street.....	300 00
Catherine Maher, Bailey avenue, Kingsbridge.....	300 00
Margaret Macauley, No. 1250 Forty-seventh street, Brooklyn.....	300 00
Hannah M. Rooney, No. 131 Varick street.....	32 26
Annie Flynn, No. 512 West One Hundred and Fifty-third street.....	300 00
Georgiana Birkett, No. 10 Liberty street, Brooklyn.....	300 00
Josephine Willert, No. 284 Gregory avenue, Passaic, N. J.....	300 00
Catherine Pettit, No. 121 East One Hundred and Twenty-second street.....	300 00
Julia E. Gray, No. 151 Ainslie street, Brooklyn.....	300 00
Ann Leonard, No. 1592 Madison avenue, city.....	300 00
Sarah Downey, No. 162 Carroll street, Brooklyn.....	300 00
Emma C. Daniell, No. 379 Palisade avenue, Jersey City.....	300 00
Mary E. Dongan, No. 92 Ninth avenue.....	300 00
Sarah J. McCann, No. 400 East Fiftieth street.....	300 00



Catharine M. Williams, No. 2227 Adams place.....	300 00	Anna Kenny, No. 163 West Sixty-sixth street.....	300 00
Emeline Jacobus, No. 25 Bathgate avenue, Newark, N. J.....	300 00	Ellen E. O'Keefe, No. 695 East One Hundred and Forty-fifth street.....	300 00
Angeline Ferren, No. 39 Hull street, Brooklyn.....	300 00	Edward Keefe, guardian, No. 3142 Boulevard, Jersey City, N. J.....	300 00
Bridget Herrity, No. 502 West One Hundred and Forty-fifth street.....	300 00	Annetta J. Van Orden, No. 238 Ninth avenue.....	300 00
Jane L. Flynn, No. 649 Bedford avenue, Brooklyn.....	300 00	Elizabeth L. Taft, No. 43 Jane street.....	300 00
Margaret Hutton, No. 913 Riggs avenue.....	300 00	Lizzie J. Stancliffe, No. 219 West One Hundred and Fourth street.....	300 00
Margaret McNeill, No. 952 East One Hundred and Forty-ninth street.....	300 00	Alice E. King, No. 24 Charlton street.....	300 00
Katherine Mullen, No. 80½ Jane street.....	500 00	Mary A. Smith, No. 1, No. 321 East Twenty-fourth street.....	300 00
Emily Uhl, No. 154 East Eighty-fourth street.....	300 00	Ellen Neuroth, No. 681 East One Hundred and Fifty-second street.....	300 00
Nellie McAllister, No. 68 South Eighth street, Brooklyn.....	300 00	Margaret Farley, No. 985 Intervale avenue, The Bronx.....	300 00
Madge Searle, No. 434 East One Hundred and Sixteenth street.....	300 00	Mary Walker, No. 85 Christopher street.....	300 00
Sarah Farrell, No. 265 West One Hundred and Forty-sixth street.....	300 00	Margaret Monroe, No. 52 Lighth street.....	300 00
Charlotte Campbell, No. 229 Greene street, Brooklyn.....	300 00	Mary A. Jerolaman, West End avenue and Eightieth street.....	300 00
Elizabeth Mitchell, No. 219 East Eighty-fifth street.....	300 00	Sarah A. McKnight, No. 117 East Ninety-second street.....	300 00
Louis McDonald, No. 802 East One Hundred and Forty-fifth street.....	150 00	Ellen Sweeney, No. 43 Rutgers street.....	300 00
Martha Roberts, No. 198 Washington avenue, Newark, N. J.....	300 00	Catherine McParlan, No. 5 Perry street.....	300 00
Virginia M. Owens, No. 204 East One Hundred and Twenty-fourth street.....	300 00	Catherine Stephenson, No. 109 Second avenue.....	122 58
Hester Morganroe, No. 65 West Eleventh street, Bayonne, N. J.....	300 00	Annie Grady, No. 157 East Thirty-eighth street.....	1,000 00
Mary Shandley, No. 407 East Nineteenth street.....	300 00	Henrietta Adams, Grassmere, S. I.....	300 00
Adala McLane, No. 180 Bloomfield avenue, Passaic, N. J.....	300 00	Mary A. Riley, No. 2310 Seventh avenue.....	300 00
Katie Fay, Guardian, No. 964 Third avenue.....	300 00	Sarah J. Hall, No. 380 Third street, Brooklyn.....	300 00
Margaret McBride, No. 118 Waverly street, Yonkers, N. Y.....	300 00	Mary Williams, No. 613 Lexington avenue, Brooklyn.....	300 00
Isabella Gormley, No. 827 Tinton avenue, The Bronx.....	300 00	Catherine A. Shaw, No. 699 East One Hundred and Fortieth street.....	300 00
Magdalena Reich, Guardian, No. 574 Herkimer street, Brooklyn.....	300 00	Ella Chenu, No. 236 West Sixteenth street.....	300 00
Julia E. Guy, No. 68 West Ninety-third street.....	300 00	Catherine McCormick, No. 155 West Sixty-third street.....	300 00
Margaret McAvoy, No. 247 East One Hundred and Twenty-third street.....	300 00	Elizabeth Muller, Hackensack, N. J.....	300 00
Helen C. Florence, No. 629 East One Hundred and Forty-second street.....	300 00	Catherine Fisher, No. 252 East Fifty-first street.....	300 00
Henrietta Watson, No. 272 West One Hundred and Forty-first street.....	300 00	Mary Wiedman, No. 252 East Fifty-first street.....	300 00
Theresa Conlin, No. 91 Clark street, Brooklyn.....	500 00	Carrie English, No. 258 Greene avenue, Brooklyn.....	500 00
Melinda Banks, No. 112 Westchester avenue.....	300 00	Julia A. Murphy, No. 523 West One Hundred and Twenty-fourth street.....	300 00
Mary A. Leary, No. 177 East One Hundred and Eleventh street.....	300 00	Anna A. Gillies, No. 57 West Seventy-fifth street.....	300 00
Mary Kavanagh, No. 332 East Thirty-seventh street.....	300 00	Mary F. Reilly, No. 158 East One Hundred and Twenty-seventh street.....	300 00
Ellen Dunn, No. 326 East Sixty-sixth street.....	300 00	Nora Kelly, No. 457 West Forty-seventh street.....	300 00
Martha E. Bower, No. 433 Berry street, Brooklyn.....	300 00	Anna M. Shaw, No. 310 West Eighteenth street.....	1,000 00
Mary Bullough, Leona, N. J.....	300 00	Margaret Linder, No. 2503 Eighth avenue.....	300 00
Annis H. Nash, Aricola, N. J.....	300 00	Leida Reeves, No. 130 West Ninety-first street.....	300 00
Maggie Loesch, No. 93 Essex street, Brooklyn.....	300 00	Maria Griffith, No. 2264 Seventh avenue.....	300 00
Catherine J. Du Flon, No. 329 Bedford avenue, Brooklyn.....	300 00	Phoebe Ellen Van Orden, Gravesend Beach, Brooklyn.....	300 00
Catherine Kennedy, No. 317 East Twenty-ninth street.....	300 00	Elizabeth Newman, Second avenue, Long Island City.....	300 00
Margaret Murphy, No. 333 East Ninety-third street.....	300 00	Sarah McLaughlin, No. 167 East Ninetieth street.....	300 00
Elizabeth Riley, No. 1028 Tinton avenue.....	300 00	Amanda M. Hunt, Guilford, Conn.....	300 00
Elizabeth Wheeling, No. 80 Taylor street, Brooklyn.....	300 00	Selina W. Mount, No. 2602 Pennsylvania avenue, Washington, D. C.....	300 00
Lizzie Grinnon, No. 2325 Bathgate avenue.....	300 00	Hester E. Hughes, Peekskill, N. Y.....	300 00
Jennie McCabe, No. 78 Washington place.....	300 00	Lucy Ennis, Springfield, Mass.....	300 00
Ellen Sullivan, No. 67 Perry street.....	300 00	Rose Walsh, P. O. box 212, Keeseville, N. Y.....	300 00
Annie O'Connor, Junction, N. J.....	178 33	Catherine Kelly, Port Richmond, S. I.....	300 00
Minnie Shaughnessy, No. 971 Main street, Peekskill, N. Y.....	300 00	Mary T. Taylor, Whitestone, L. I.....	300 00
Mary A. Walsh, No. 334 East One Hundred and Eighteenth street.....	300 00	Mary L. Wolf, Result, N. Y.....	300 00
Louise Clark, West Hoboken, N. J.....	300 00	Carrie A. Bush, Lakeview, N. J.....	300 00
Ellen Skahan, No. 1829 Lexington avenue.....	300 00	Lizzie E. Parker, Worcester, Mass.....	300 00
Mary Wilson, Guardian, No. 436 West Forty-second street.....	300 00	Harriet M. Nash, No. 888 Morris avenue.....	300 00
Mary Jane Daly, No. 201 East One Hundred and First street.....	300 00	Catherine Smith, Kingsbridge, N. Y.....	212 10
Caroline Mauer, No. 46 Seventh street, Carlstadt, N. J.....	300 00	Martha Douglas, No. 215 East Forty-third street.....	300 00
Margaret Halloran, No. 347 East Twenty-seventh street.....	300 00	Mary E. Hardy, guardian, No. 101 Barrow street.....	500 00
Emma A. Hopper, No. 309 West Twenty-first street.....	300 00	Mary Spence, Bay Seventeenth street, Bath Beach, Brooklyn.....	300 00
Catherine Timon, No. 717 East One Hundred and Sixty-fifth street.....	300 00	Margaret Springsteen, No. 946 Summit avenue, Jersey City Heights, N. J.....	300 00
Ellen Mahedy, No. 84 South Ninth street, Brooklyn.....	300 00	Johanna T. Feeney, No. 765 East One Hundred and Sixty-second street.....	300 00
Mary Jane Levins, No. 51 Beach avenue, The Bronx.....	300 00	Ellen Fitzpatrick, No. 156 Ainslie street, Brooklyn.....	300 00
Sophia Jacobs, Guardian, No. 63 Atlantic avenue, Brooklyn.....	200 00	Adelaide B. Gulick, No. 241 West One Hundred and Thirteenth street.....	300 00
Louise Cesar, Reading, Pa.....	300 00	Elizabeth Ransom, Plainfield, N. J.....	300 00
Julia Clendenning, No. 106 Canal street, Jamaica, L. I.....	300 00	Mary Wogan, No. 807 Columbus avenue.....	300 00
Mary Aitken, No. 486 Third avenue, Brooklyn, N. Y.....	300 00	Sarah A. Dwyer, No. 226 West Sixty-seventh street.....	300 00
Mary J. Murphy, No. 521 First avenue.....	300 00	Mary Clark, Flushing, Queens.....	300 00
Hannah Kingsley, No. 213 West One Hundred and Fourth street.....	300 00	Delia Conner, No. 1193 First avenue.....	300 00
Mary Dunn, No. 300 East Thirty-fifth street.....	300 00	Margaret Ward, No. 626 Wythe avenue, Brooklyn.....	300 00
Ida Elizabeth Kent, No. 2769 Third avenue.....	300 00	Bridget McAuliffe, No. 286 Berry street, Williamsburg.....	300 00
Annie M. Hermsworth, No. 233 East Thirty-second street.....	300 00	Elizabeth Cashin, guardian, No. 307 East Seventh street.....	300 00
Elizabeth Sheridan, No. 118 East Eighty-ninth street.....	300 00	Henrietta Hood, No. 12 Fifth street, Clifton Park, Weehawken, N. J.....	300 00
Ellen Wright, No. 27 West Ninety-second street.....	300 00	Sarah S. Richmond, trustee, No. 504 West One Hundred and Twenty-ninth street.....	205 65
Mary Stack, No. 1172 Fulton street, Brooklyn.....	300 00	Mary Hanrahan, No. 65 East Ninety-fifth street.....	300 00
Catherine Vincelle, No. 2660 Eighth avenue.....	174 19	Carrie M. Mand, guardian, No. 705 Jackson avenue.....	300 00
Annie Schaller, No. 37 West One Hundred and Thirty-first street.....	300 00	Annie V. Dean, No. 107 West One Hundred and Twenty-seventh street.....	300 00
Martha W. Shay, No. 597 East One Hundred and Thirty-sixth street.....	300 00	Ellen Gallagher, No. 95 Nostrand avenue, Brooklyn.....	300 00
Mary Holten, No. 159 West Sixty-third street.....	300 00	Margaret Tait, guardian, No. 135 East Thirtieth street.....	700 00
Sarah Larkin, guardian, No. 96 Front street.....	300 00	Mary B. Bradley, Gun Hill road, Williamsbridge, N. Y.....	300 00
Anna A. Anderson, No. 864 Union avenue.....	300 00	Kate Stone, No. 538 East One Hundred and Forty-second street.....	300 00
Harriet McKiernan, One Hundred and Seventieth street and Inwood avenue.....	300 00	Annie Geary, No. 344 East One Hundred and Twentieth street.....	700 00
Elizabeth M. Hart, Marion avenue, Fordham.....	300 00	Ellen Pitzer, Fordham street, City Island.....	300 00
Catherine Powers, guardian, No. 204 Eighth avenue.....	300 00	Frederica del'Armitage, No. 523 Fifth street, Brooklyn.....	300 00
Alida Henderson, No. 163 West Tenth street.....	300 00	Eliza I. Jonas, No. 1320 Forty-seventh street, Brooklyn.....	300 00
Catherine Willett, No. 720 East One Hundred and Sixtieth street.....	300 00	Mary Calnan, No. 85 King street.....	200 00
Lucinda A. Landers, No. 494 Robbins avenue.....	300 00	Carrie L. Vetter, No. 128 East One Hundred and Twenty-third street.....	300 00
Annie Oakley, No. 708 Union avenue.....	700 00	Josephine Murtha, No. 162 East Fifty-sixth street.....	300 00
Francis Condren, Greenwood avenue, Richmond Hill.....	300 00	Mary Soden, No. 522 Kosciusko street, Brooklyn.....	300 00
Mary Scott, No. 273 West Twelfth street.....	300 00	Magdalena Bauer, Williamsbridge, N. Y.....	300 00
Annie Bulger, No. 9 Third street, Brooklyn.....	300 00	Catherine Barry, No. 347 East Eighty-second street.....	300 00
Emily M. Farlow, No. 28 Jackson street, New Rochelle.....	300 00	Delia Starrs, No. 337 East Sixty-ninth street.....	300 00
Ann Gonoud, Bank of B. N. A., Kinnallyduff, County Monaghan, Ireland.....	300 00	Ann E. Trainor, No. 339 Willis avenue.....	300 00
Anna Kelly, Kingston, N. Y.....	300 00	Katherine Metzler, No. 541 Tenth avenue.....	300 00
Annie E. McNamara, No. 191 Monroe street.....	300 00	Bridget Reynolds, No. 349 East Eighteenth street.....	300 00
Annie Teare, No. 633 Greenwich street.....	300 00	Lizzie Fleming, No. 1722 Webster avenue.....	300 00
Katherine Martin, No. 738 East One Hundred and Eightieth street.....	300 00	Matilda Gard, No. 804 East One Hundred and Forty-eighth street.....	300 00
Louisa Jones, No. 379 South Third street, Brooklyn.....	300 00	Nellie T. Carolan, Guardian, No. 356 West Fifty-sixth street.....	225 00
Maggie Carten, No. 273 Grove street, Jersey City, N. J.....	300 00	Sarah L. Jewell, No. 221 East One Hundred and Twenty-fourth street.....	300 00
Margaret Hudson, No. 2413 Eighth avenue.....	300 00	Amelia Ryan, No. 86 Park avenue, The Bronx.....	700 00
Annie Rothenhauser, No. 1585 Second avenue.....	300 00	Mary F. Britt, No. 227 East Twenty-sixth street.....	300 00
Margaret McKelvey, No. 500 West Thirty-fifth street.....	300 00	Margaret Scherb, Guardian, No. 310 East One Hundred and Twenty-second street.....	300 00
Mary Murray, No. 388 Atlantic avenue, Brooklyn.....	300 00	Eva M. Murray, No. 306 West One Hundred and Twenty-ninth street.....	300 00
Catherine Mead, No. 326 East Fifty-fifth street.....	300 00	Dora B. Delaney, No. 4418 Fourth avenue, Brooklyn.....	300 00
Annie Smith, No. 95 Liberty street, Newburg, N. Y.....	500 00	Mary Bowen, No. 427 Second avenue.....	500 00
Agnes J. Fergus, No. 354 West Seventeenth street.....	300 00	Hannah Garcia, No. 242 East Forty-seventh street.....	300 00
Adolphus G. Doncourt, administrator, No. 834 East One Hundred and Sixty-fourth street.....	75 00	Fannie A. Hern, No. 203 East Sixty-ninth street.....	300 00
Isabella J. Doncourt, No. 834 East One Hundred and Sixty-fourth street.....	225 00	Margaret V. O'Halloran, No. 350 West Thirty-first street.....	300 00
Catherine McCarthy, No. 113 West Forty-ninth street.....	300 00	Julia M. Cox, Deep River, Conn.....	300 00
Ella Gausmann, No. 218 West One Hundred and Twenty-third street.....	300 00	Mary E. Moore, No. 377 College avenue.....	300 00
Elizabeth Reilly, guardian, No. 204 Seventh street, Jersey City.....	300 00	Bridget Clare, No. 471 Manhattan avenue.....	300 00
Margaret E. Knight, No. 113 West Washington place.....	300 00	Nora McGowan, No. 1287 Chisholm street, The Bronx.....	300 00
Elizabeth Morris, No. 108 Collyer street, Brooklyn.....	300 00	Elizabeth F. Farrell, No. 773 Melrose avenue.....	300 00
Lizzie Jones, No. 4031 Third avenue.....	300 00	Mary Finn, No. 211 East Eighty-fifth street.....	300 00
Mary C. Malloy, No. 72 Avenue D.....	300 00	Sarah Conlan, No. 100 West Seventy-ninth street.....	300 00
Margaret Walsh, No. 86 Thompson street.....	500 00	Mary A. Hannon, No. 357 East One Hundred and Seventeenth street.....	300 00
Margaret Sofield, West One Hundred and Seventieth street and Edgecombe avenue.....	300 00	Nellie G. Donovan, No. 272 Eleventh street, Brooklyn.....	300 00
Ida Godfrey, No. 2494 Eighth avenue.....	300 00	Mary V. Sasse, No. 25 Roe street, Richmond.....	300 00
Mary Goetsch, guardian, No. 332 West Thirty-eighth street.....	300 00	Catharine Ripple, No. 157 West Ninety-eighth street.....	58 06
Caroline M. Feris, No. 165 West Tenth street.....	300 00	Ella F. Corbett, No. 454 West Forty-seventh street.....	700 00
Cecilia Dunn, No. 1905 Amsterdam avenue.....	300 00	Emma McCabe, Tonnelle avenue, New Durham, N. J.....	300 00
Grace G. Day, No. 398 Fillmore street, Van Nest Park.....	241 13	Josephine Van Brunt, No. 841 DeKalb avenue, Brooklyn.....	300 00
Eliza McKowen, No. 66 Charlton street.....	300 00	Margaret Leonard, No. 1001 Washington avenue.....	300 00
Maria Stone, No. 143 East Twenty-ninth street.....	300 00	Johannah Griffin, No. 176 St. Anns avenue.....	300 00
Lena Stanton, No. 1105 West Fourteenth street, Williamsbridge.....	300 00	Annie Freidrich, No. 33 East Ninetieth street.....	300 00
Mary Zwickert, No. 642 East One Hundred and Fifty-ninth street.....	300 00	Catherine Andariese, No. 403 Tenth street, Brooklyn.....	1,000 00
		Isabella Warren, No. 55 Bedford street.....	300 00
		Matilda Dunn, No. 452 West Thirty-first street.....	300 00



Ellen M. White, No. 233 Tenth avenue.....	300 00
Maria Arceneau, No. 719 East One Hundred and Forty-third street.....	300 00
Sarah Ferris, No. 155 East Twenty-sixth street.....	177 50
Ellen F. McNally, No. 425 East Sixty-ninth street.....	400 00
Mary A. Smith, No. 2, Bronxville Park, Westchester County.....	300 00
Esther Quinn, No. 838 Third avenue.....	300 00
Ellen T. McCue, Guardian, No. 414 West Fifty-seventh street.....	300 00
Annie Flaherty, No. 341 East Thirty-ninth street.....	300 00
Annie Ryer, No. 1769 Park avenue.....	300 00
Margaret Hanbury, No. 331 East Eighty-sixth street.....	300 00
Kate Sullivan, No. 759 East One Hundred and Eighty-third street.....	300 00
Annie Auffrath, No. 672 Union avenue.....	300 00
Catherine Joyce, No. 161 Collyer street, Brooklyn.....	400 00
Knickerbocker Trust Company, Guardian, No. 66 Broadway.....	1,475 00
Maria Foley, No. 519 Second avenue.....	300 00
Annie Lott, No. 63 West One Hundredth street.....	300 00
Annie McKenna, No. 316 West One Hundred and Forty-second street.....	300 00
Mary A. O'Grady, No. 1547 Fifty-third street, Brooklyn.....	300 00
Nellie L. Babcock, No. 714 East One Hundred and Seventieth street.....	300 00
Catherine Kelly, No. 2, No. 114 Jersey street, New Brighton, S. I.....	300 00
Denis A. Kelly, guardian, No. 27 Barrow street.....	233 87
Mary Knapp, No. 67 Madison street.....	300 00
Annie McGinn, No. 157 East One Hundred and Twenty-third street.....	300 00
Mary F. Welsh, No. 243 East Fifty-third street.....	300 00
Marietta Abberton, No. 782 Eagle avenue.....	300 00
Angeline Arrigoni, No. 116 Charlton street.....	400 00
Annie Fannan, No. 262 West One Hundred and Twenty-third street.....	300 00
Sarah Madigan, No. 666 Tenth avenue.....	400 00
Magdalene Siegman, No. 478 West One Hundred and Forty-sixth street.....	300 00
Clemens Gerdes, No. 890 Metropolitan avenue, Brooklyn.....	200 00
Mary Donohue, No. 1094 Franklin avenue.....	317 74
Deborah L. Gleason, No. 581 East One Hundred and Thirty-third street.....	281 67
Ellen F. Harrington, No. 321 West Sixteenth street.....	264 52
Annie E. O'Brien, No. 827 Seventh avenue.....	203 57
Alfreda McCabe, Mariners' Harbor, S. I.....	197 58
Kathryn R. Kiernan, No. 308 East Fifty-second street.....	195 16
Mary J. Slevin, No. 415 East Eighty-seventh street.....	189 52
Mary C. Miller, No. 776 East One Hundred and Sixty-third street.....	181 45
Rose Lynch, No. 141 First street, Woodlawn Heights.....	182 26
Emma L. Brown, No. 225 South Tenth avenue Mount Vernon.....	197 58
Margaretta Gerdes, No. 890 Metropolitan avenue, Brooklyn.....	147 29
Thomas Coleman, No. 226 East Twenty-first street.....	175 00
Josephine Brown, No. 81 West One Hundred and Second street.....	419 62
Rose A. Coyle, No. 223 West One Hundred and Twentieth street.....	179 84
Peter Fitzgerald, Guardian, No. 479 West One Hundred and Sixty-fifth street.....	410 21
Grace Roach, No. 498 West One Hundred and Twenty-fourth street.....	161 67
Mary E. Needham, No. 846 Tinton avenue.....	141 13
Bridget T. Touhey, No. 737 East One Hundred and Thirty-fourth street.....	137 10
Annie Kiernan, No. 160 East Ninety-seventh street.....	126 61
Bertha Reed, No. 27 East One Hundred and Thirty-first street.....	131 45
Eliza McCauley, No. 2971 Decatur avenue, Bronx.....	91 94
Lillie Heron, No. 421 East One Hundred and Twenty-second street.....	69 35
Almira I. Gorman, No. 32 Sutton place.....	55 65
Sarah Dayton, No. 343 St. Anns avenue, Bronx.....	150 53
Margaret L. Callaghan, No. 724 East One Hundred and Twenty-ninth street, Bronx.....	75 81
Cecilia A. Purdy, No. 110 East Seventy-eighth street.....	41 67
Mary Keenan, Flushing, L. I.....	43 33
Mary Foy, No. 1987 Crotona avenue.....	122 50
Grace G. Schang, Guardian, No. 398 Fillmore street, Van Nest Park.....	58 87
Total .....	\$102,606 45

## BOROUGH OF BROOKLYN AND QUEENS.

Mary C. Beardall, No. 416 Carlton avenue.....	300 00
Elizabeth Dwyer, No. 158 Hoyt street.....	300 00
Harriet R. Frost, No. 516 Warburton avenue, Yonkers.....	300 00
Annie Hanley, No. 435 Sixth street.....	300 00
Sarah J. Jones, No. 191 Frost street.....	300 00
Mary McQueeney, No. 379 De Kalb avenue.....	300 00
Elizabeth Asmus, No. 1141 Broadway.....	300 00
Catherine Butler, No. 491 State street.....	300 00
Catherine Baldwin, No. 706 Grand street.....	300 00
Mary Bennett, No. 153 Fourteenth street.....	200 00
Almira Belden, No. 66 Powers street.....	300 00
Lillian Wood, guardian, No. 556 Fifty-sixth street.....	300 00
Catherine J. Connor, No. 1068 Bedford avenue.....	300 00
Henrietta Connor, No. 218½ Spencer street.....	300 00
Sophia Cameron, No. 1501 Fulton street.....	123 39
Ellen Callaghan, Fourteenth avenue and Seventy-third street.....	300 00
Emma M. Chin, No. 494 Fifth avenue.....	300 00
Mary A. Cartwright, No. 594 Morgan avenue.....	300 00
Kate Clark, No. 82 Union avenue.....	300 00
Amelia Cowden, No. 33 Ross street.....	300 00
Catherine Constant, No. 647 Willoughby avenue.....	300 00
Annie M. Casey, No. 336 Wythe avenue.....	300 00
Patrick Curry, No. 314 Tenth street.....	300 00
Julia Cassidy, No. 194 Lexington avenue.....	300 00
Alice T. Donnelly, No. 129 Jefferson avenue.....	300 00
Maggie Delamater, guardian, No. 58 Cooper street.....	300 00
Emily Delehanty, No. 73 Oakley street.....	300 00
Catherine Fitzgerald, No. 194 Adelphi street.....	300 00
Margaret Farrell, No. 155 Bergen street.....	300 00
Julia A. Ford, No. 196 Roebling street.....	300 00
Francis Farrell, No. 128 Douglass street.....	300 00
Catherine Fay, No. 354 State street.....	300 00
Mary Flood, No. 1032 Lorimer street.....	300 00
Anna Farrell, No. 192 Emerson place.....	300 00
Mary E. Fritschler, No. 151 Twenty-fifth street.....	300 00
Margaret T. Ford, No. 288 Ninth street.....	300 00
Eva Friel, No. 91 Clifton place.....	300 00
Mary Ann Fohey, No. 337 Forty-first street.....	300 00
Mary A. Geary, No. 84 Clifton avenue.....	300 00
Susan K. Goodwin, No. 63 Lawrence street.....	300 00
William Gamble, guardian, No. 74 Waverly avenue.....	225 00
Mary G. Gardner, No. 1319 Herkimer street.....	300 00
Maria Gallagher, No. 617 Bainbridge street.....	300 00
Mary Ellen Gregory, No. 465 St. John's place.....	300 00
Elizabeth Hickey, No. 193 Ainslie street.....	300 00
Mary A. Healy, No. 592 Hicks street.....	300 00
Mary A. Higgins, No. 418 Sumner avenue.....	300 00
Ellen Howard, No. 141 North Third street.....	300 00
Elizabeth Head, No. 356 Leonard street.....	300 00
Annie Hineson, No. 112 Ross street.....	300 00
Lizzie F. Johnston, No. 327 Fifty-ninth street.....	300 00
Mary Keegan, No. 26 Woodbine street.....	300 00
Bridget Kelly, No. 89 Schaffer street.....	300 00
Mary Keenan, Fort Hamilton avenue and Sixty-fourth street.....	300 00
Henrietta Ketcham, No. 679 Decatur avenue.....	300 00
Bridget T. Keegan, No. 22 Fort Greene place.....	300 00
Mary A. Lee, No. 1049 Pacific street.....	300 00
Sarah Irene Lane, No. 94 India street.....	300 00
Margaret Linker, No. 155 First street, Woodhaven.....	300 00

Catherine E. Murray, No. 793 Greene avenue.....	300 00
Mary F. Mackin, No. 543 Bainbridge street.....	300 00
Mary A. Malone, No. 289 Herkimer street.....	300 00
Elizabeth Mallen, No. 37 Cumberland street.....	300 00
Minnie Morton, No. 242 Franklin street.....	300 00
Mary McDevitt, No. 145 North Sixth street.....	300 00
Catherine McMail, No. 823 Broadway.....	300 00
Mary McKay, No. 180 Eckford street.....	300 00
Mary McElroy, No. 2198 Fulton street.....	300 00
Mary McKeever, No. 147 Ainslie street.....	300 00
Nellie McKeon, No. 1449 Seventy-second street.....	185 83
Johanna McHugh, No. 559 Grand street.....	300 00
Elizabeth McGowan, No. 881 Pacific street.....	300 00
Margaret McLaughlin, No. 58 Concord street.....	300 00
Peter P. McDonough, guardian, No. 967 DeKalb avenue.....	300 00
Jennie McKeon, No. 61 Joralemon street.....	300 00
Bridget McCarthy, No. 485 Henry street.....	300 00
Mary Olmstead, No. 527 Leonard street.....	300 00
Mary Oates, No. 588 Henry street.....	300 00
Isabella O'Connor, No. 123 Dean street.....	300 00
Annie Rogers, No. 989 St. Marks avenue.....	300 00
Mary F. Roche, No. 71 Fourth place.....	300 00
Elizabeth Ryan, No. 138 Duffield street.....	300 00
Catherine L. Ryan, No. 62 Kent avenue.....	300 00
Mary A. Short, No. 932 Nostrand avenue.....	300 00
Robert J. Smith, guardian, No. 143 Sixth street, Long Island City.....	300 00
Rebecca Schultz, Manhasset, L. I.....	300 00
Millie Travis, No. 275 South Fifth street.....	300 00
Amy J. Tierney, No. 22 Logan street.....	300 00
Annie T. Virtue, No. 45 Willoughby street.....	300 00
Marv Whitford, No. 1017 Myrtle avenue.....	300 00
Isabella F. Wallace, No. 151 Ainslie street.....	300 00
Elizabeth J. Youngs, No. 801 Madison street.....	300 00
Josephine M. Roberts, No. 264 Eckford street.....	700 00
Annie Murphy, No. 39 Third street.....	300 00
Josephine T. O'Byrne, No. 438 Central avenue.....	300 00
Annie Geraghty, Seventieth street, near Sixth avenue.....	300 00
Elizabeth A. Boyne, Sixty-second street and Fort Hamilton avenue.....	700 00
Sarah A. Keveny, No. 305 Marcy avenue.....	300 00
Mary A. Fanning, No. 308 Hicks street.....	300 00
Emma M. Doyle, guardian, No. 287 Clermont street.....	300 00
Emily Reiley, No. 559 Hamburg avenue.....	300 00
Harriet Beesley, guardian, No. 266 Skillman street.....	300 00
Annie Lamb, No. 220 Willoughby avenue.....	300 00
Sarah Kershaw, No. 2226 Voorhees avenue, Sheepshead Bay.....	300 00
James F. Hunter, guardian, No. 485 St. Marks avenue.....	229 84
Margaret McDonough, No. 187 Sands street.....	300 00
Mary Dowd, No. 98 Hunter avenue, Long Island City.....	300 00
Margaret Tobin, No. 1044 Decatur avenue.....	300 00
Maggie Schmitt, No. 93 North Eighth street.....	300 00
Sarah A. Gunning, No. 669 Bergen street.....	300 00
Ellen Gorman, No. 5809 Third avenue.....	300 00
Hannorah Cooney, No. 186 Baltic street.....	350 00
Michael Cooney, No. 186 Baltic street.....	350 00
Minnie Meyer, Dooley street, Sheepshead Bay.....	300 00
Margaret A. Dains, Union Course and DeKalb avenue.....	300 00
Eliza F. Brymer, No. 583 McDougal street.....	300 00
Mary E. Irwin, No. 130 Harrison street.....	300 00
Ellen Dale, No. 271 Hicks street.....	300 00
Marjorie Dawe, No. 221 Fifth avenue.....	700 00
Mary Mullady, No. 1208 St. Marks avenue.....	300 00
Catharine D. Fee, No. 29 Stuyvesant avenue.....	300 00
Clara E. Shaw, Liberty and Johnson avenues, Richmond Hill.....	300 00
Katie Stumpf, No. 237 Hopkins street.....	300 00
Mary O'Toole, No. 149 Wyckoff street.....	400 00
Emily Jeffrey, No. 164 Clifton place.....	900 00
Margaret McGuinness, No. 561 Lorimer street.....	300 00
Annie E. Coppinger, No. 521 Fifty-eighth street.....	1,000 00
Mary Ellen Ferry, No. 20 Third street.....	300 00
Mary E. Smith, No. 426 Lincoln avenue.....	300 00
Bridget Starkey, No. 140 North Eighth street.....	300 00
Philomena Dodd, No. 14 Scholes street.....	300 00
Catherine C. Storp, No. 398 Sackett street.....	300 00
Catherine V. Walsh, No. 129 Eagle street.....	300 00
Catherine Gibson, No. 662 Fifty-eighth street.....	900 00
Mamie Gaffney, No. 19 West One Hundred and Thirty-first street, Manhattan.....	400 00
Josephine Renk, No. 207 Nassau avenue.....	400 00
Elizabeth Dressel, No. 31 Davis street, Long Island City.....	700 00
Rebecca Ouchterloney, No. 4914 Fifth avenue.....	300 00
Mary Bennett, No. 2, No. 1368 St. Mark's avenue.....	300 00
Mary Fulcher, No. 43 St. Felix street.....	300 00
Mary A. Fitzpatrick, No. 417 Twelfth street.....	300 00
Flora Battersby, No. 620 Third street, Sheepshead Bay.....	300 00
Adelaide Schmitt, Guardian, No. 268 St. James place.....	300 00
Rose Langan, No. 797 Willoughby avenue.....	240 00
Mary Barry, No. 213 East Fifty-sixth street, New York City.....	300 00
Maria M. Hellen, No. 93 Eckford street.....	300 00
Mary E. Stapleton, No. 172 South Fourth street.....	300 00
Winifred Clark, No. 108 Jackson street.....	700 00
Charles McCarthy, No. 328 Second street.....	300 00
Mary T. Dunworth, No. 162 Nevins street.....	300 00
Margaret Fitzpatrick, No. 23 Truxton street.....	300 00
Nellie McGeehan, No. 61 Nimrod street.....	288 33
Mary Love, No. 95 Rockwell place.....	280 00
Kate Lennon, No. 1024 Manhattan avenue.....	639 78
Mary Agnes Flynn, No. 395 State street.....	261 29
Margaret A. Finn, No. 328 Pearl street.....	243 55
Catharine A. Riels, No. 859 Flushing avenue.....	245 97
Mary Jane Fantry, No. 214 Youngs street.....	275 00
Eva Biffi, No. 762 East Eighth street.....	150 00
William T. Biffi, Guardian, No. 377 Prospect avenue.....	100 00
Corinne J. Moore, No. 1660 Bushwick avenue.....	1,075 81
Rose Delahanty, No. 7 Flushing avenue, Long Island City.....	234 68
Agusta S. Haviland, No. 139 Cornelia street.....	237 90
Emma E. McGeary, No. 261 Withers street.....	595 16
Lillie Breen, Eighteenth street and Benson avenue, Bath Beach.....	208 93
Margaret C. Gillespie, No. 236 Franklin avenue.....	164 17
Theresa V. Garrity, No. 286 President street.....	170 00
Margaret F. Carbus, No. 139 Union street.....	274 16
Anna J. Huntley, No. 94 Fifth avenue.....	111 67
Letitia Meddis, No. 315 Fifteenth street.....	87 10
Anna T. Murphy, No. 182 Kingsland avenue.....	93 55
Sarah Kingsland, No. 186 Java street.....	135 48
Emma McBride, No. 142 Sixteenth street.....	95 16
Charity Smith, Grove street, Freeport, L. I.....	88 71
Mary Forster, No. 1355 Myrtle avenue.....	73 39
James C. Oats, Administrator, No. 588 Henry street, Brooklyn.....	38 71
Peter Hirschfeld, Administrator, No. 411 Kent avenue, Brooklyn.....	30 65
Less refund, Mary Nolan, deceased pensioner.....	\$55,203 21
Total .....	\$55,200 79



## PAID RETIRED MEN DURING THE YEAR 1905.

## BOROUGH OF MANHATTAN AND THE BRONX.

James Commiskey, No. 473 Fifth avenue, Brooklyn.....	\$433 32	John E. Hyatt, No. 2177 Third avenue.....	699 96
George W. Berrien, No. 105 West Seventeenth street.....	624 96	Charles V. Reyer, No. 211 Woodruff avenue.....	799 92
Thomas Henry, Congers, Rockland county, N. Y.....	600 00	John A. McNicol, No. 311 Main street, Hackensack, N. J.....	699 96
John McNamara, No. 25 West Ninety-eighth street.....	600 00	Clement L. Daniels, No. 746 St. Nicholas avenue, City.....	900 00
Edward McGaffney, No. 502 East Fifteenth street.....	999 96	Charles E. Bense, No. 850 McLane avenue, Yonkers.....	799 92
Albert Hallenbeck, Copake, Columbia county, N. Y.....	624 96	Thomas W. Geary, No. 865 Third avenue.....	699 96
James A. Cullen, Pleasantville, Westchester county, N. Y.....	600 00	Richard J. Shannon, No. 308 Barclay street, Murray Hill, Flushing, N. Y.....	799 92
William A. Robinson, No. 317 Fifty-ninth street, Brooklyn.....	600 00	William H. Farrell, No. 558 East One Hundred and Fortieth street.....	699 96
Alexander Sharp, Box 54, P. O. West Nyack, Rockland county, N. Y.....	600 00	John Lynagh, No. 1637 Bathgate avenue, Bronx.....	699 96
James Horn, No. 240 West Fourth street.....	650 04	John Murray, No. 1, One Hundred and Sixty-fifth street and Amsterdam avenue.....	699 96
Joseph R. Harway, No. 352 Pulaski street, Brooklyn.....	600 00	Matthew O'Brien, No. 506 West Forty-third street.....	699 96
James H. Campbell, No. 310 West One Hundred and Forty-second street.....	600 00	James Flood, One Hundred and Sixtieth street and Amsterdam avenue.....	699 96
Ambrose L. Austin, No. 63 East Twentieth street, Paterson, N. J.....	551 61	John H. Mertens, No. 1331 Washington avenue.....	799 92
David Closey, No. 165 West Eighty-second street.....	600 00	John McParlan, No. 880 East One Hundred and Thirty-fourth street.....	699 96
Washington Montanye, College Point, N. Y.....	88 99	William E. Lawrence, No. 80 1/2 Jane street, Brooklyn.....	699 96
Daniel Shevlin, No. 208 West One Hundred and Fourteenth street.....	600 00	Isaac M. Ford, No. 373 Pine street, Brooklyn.....	799 92
Joseph F. Flock, No. 258 West Tenth street.....	600 00	Thomas B. Green, Box 181, P. O. Saratoga Springs, N. Y.....	699 96
James Kenney, No. 253 East Thirty-second street.....	500 04	Hugh Bonner, No. 636 West End avenue.....	3,000 00
Patrick Foy, No. 787 Crotona avenue.....	255 00	Luke McSherry, No. 211 Hoe avenue.....	699 96
Robert Beattie, No. 56 West One Hundred and Twenty-eighth street.....	600 00	David Connor, No. 825 Tinton avenue, Bronx.....	1,080 00
Daniel Dempsey, No. 298 Madison street.....	600 00	Charles McNamee, No. 477 West One Hundred and Forty-third street.....	1,080 00
John C. Post, Tom's River, N. J.....	600 00	Patrick McCarthy, No. 714 East One Hundred and Sixty-ninth street.....	900 00
Alfred Connor, No. 213 West One Hundred and Forty-seventh street.....	600 00	John Jennings, Idaho Springs, Col.....	533 28
William Riker, 827 Vineyard place.....	399 96	Coleman J. Burke, No. 1117 Westchester avenue.....	1,080 00
John W. Miller, No. 776 East One Hundred and Sixty-third street.....	286 14	Edward S. Moore, Highgate, Vt.....	900 00
Eli Bates, No. 434 East One Hundred and Sixteenth street.....	2,349 96	Robert Geddis, No. 201 West Eighty-eighth street.....	699 96
William Frost, No. 1079 Washington avenue.....	750 00	Bernard C. Blair (Elizabeth Hymes, Com.), No. 459 East Fifty-seventh street.....	699 96
John McDermott, No. 113 East One Hundred and Sixteenth street.....	650 04	Alfred O. Pinson, No. 65 East One Hundred and Thirtieth street.....	699 96
John W. Van Orden, No. 190 Seventeenth avenue, Paterson, N. J.....	650 04	William Whitten, Congers Station, N. Y.....	799 92
Morris W. Roberts, No. 726 East One Hundred and Nineteenth street.....	650 04	Charles H. Perley, No. 145 Halsey street, Brooklyn.....	1,080 00
Charles J. Williams, No. 231 West Ninety-sixth street.....	650 04	Walter H. Jones, No. 1850 Second avenue, City.....	900 00
Gustav Kosmak, Kiely avenue, West Arverne, N. Y.....	624 96	James A. Campbell, No. 404 College avenue.....	900 00
Andrew Gilmartin (Edward H. Scully, Com.), No. 194 Pearl street.....	600 00	Henry Schuck, No. 997 Ogden avenue.....	900 00
Samuel M. Pattison, No. 153 West One Hundred and Twenty-ninth street.....	650 04	John Barber, Boston avenue, Kingsbridge.....	1,080 00
Michael Corcoran, No. 310 Amsterdam avenue.....	600 00	Martin Kelly, No. 103 East One Hundred and Thirteenth street.....	799 92
John McClane, Lafayette avenue, City Island.....	600 00	John Barrett, No. 208 East Eighty-fifth street.....	799 92
Robert Olmstead, Armonk, N. Y.....	650 04	John T. Hanlon, No. 442 West One Hundred and Sixty-third street.....	699 96
John A. Munger, No. 67 West One Hundred and Twenty-seventh street.....	650 04	John McCarthy, No. 2, No. 187 Monroe street.....	1,080 00
Gilbert R. Merritt, No. 1465 Broadway, Brooklyn.....	600 00	William Strout, No. 16 East One Hundred and Eleventh street.....	699 96
Charles O. Shay, No. 79 Sixth avenue.....	2,499 96	William J. Colby, No. 100 Fifth street, Williamsbridge.....	1,080 00
William Pfadenauer (Caroline Morgan, Com.), No. 84 West Fifty-fourth street, Bayonne, N. J.....	699 96	Michael Curley, No. 556 West One Hundred and Fiftieth street.....	699 96
Michael Brady, No. 328 West Forty-seventh street.....	600 00	Patrick O'Brien, No. 1, No. 83 Morton street.....	1,080 00
John Fulton, No. 1248 St. Nicholas avenue.....	600 00	Joseph Poynton, No. 364 Lenox avenue.....	1,080 00
Henry R. Burger, No. 25 Sharp avenue, Tower Hill, Richmond, S. I.....	600 00	Charles Margison, Box 23, P. O. Hollis, L. I.....	900 00
Charles W. Smith, No. 218 Willis avenue.....	600 00	Thomas C. Loughery, No. 46 West Sixty-ninth street.....	699 96
Thomas Corson, Box 41, P. O. East River, Conn.....	600 00	Andrew Gaffney, No. 269 Winthrop street.....	1,080 00
William West, No. 215 East One Hundred and Twenty-second street.....	600 00	John J. Golden, No. 989 East One Hundred and Seventieth street.....	1,080 00
George K. Whitehart, No. 957 Orchard street, Peekskill, N. Y.....	600 00	Richard Nodine, No. 270 West One Hundred and Forty-first street.....	699 96
John Howe, Box 39, P. O. Whitestone, L. I.....	699 96	Albert Nissen, Avenue H and New York avenue, Flatbush, Brooklyn.....	699 96
Robert Mullen, No. 112 St. Marks place, Brooklyn.....	699 96	Michael P. Crowley, No. 429 Forty-eighth street, Brooklyn.....	900 00
Charles Shordon, No. 339 Church street, Bethlehem, Pa.....	600 00	William J. Cook, No. 565 West One Hundred and Eighty-seventh street.....	683 13
Timothy McAuliffe, No. 29 Henderson avenue, West Brighton, S. I.....	600 00	Thomas J. Burke, No. 147 Brook avenue.....	699 96
James Roach, No. 115 East One Hundred and Sixth street.....	600 00	William F. Hayes, No. 355 East One Hundred and Sixteenth street.....	1,080 00
Marks Arkison, No. 5 North Third street, Hudson, N. Y.....	699 96	John Castles, No. 569 West One Hundred and Eighty-third street.....	1,650 00
Owen Hart, No. 273 West One Hundred and Twenty-seventh street.....	600 00	Samuel Banta, No. 180 Mercer street, Jersey City, N. J.....	900 00
Lawrence Reynolds, Kingsbridge road and Emmich place, The Bronx.....	600 00	James McCutchen, No. 85 West One Hundred and Fourth street.....	1,080 00
John O'Connell, No. 418 West Eighteenth street.....	600 00	Thomas Coyle, No. 326 West Thirty-fourth street.....	900 00
Patrick J. Connolly, 1331 Prospect avenue.....	1,080 00	George T. F. Harris, No. 204 East Fifty-second street.....	699 96
James Hackett, No. 2799 Eighth avenue.....	600 00	Adolph J. Petersen, No. 2496 Eighth avenue.....	900 00
James R. Rodman, No. 330 Lenox avenue.....	699 96	Michael J. Dowling, No. 565 East One Hundred and Fifty-fifth street.....	699 96
Ezra N. Lefferts, Pleasantville, N. Y.....	699 96	William McNulty, No. 178 Eighteenth street, Jersey City, N. J.....	466 56
Thomas McMurray, No. 341 West Twenty-fourth street.....	699 96	Dennis Meehan, No. 69 Vanderbilt avenue, Brooklyn.....	799 92
Charles G. Paul, No. 815 Jackson avenue.....	699 96	Charles L. Kelley, Box 384, P. O. Babylon, L. I.....	1,080 00
Owen McNinney, No. 1029 Washington street, Hoboken, N. J.....	699 96	Peter Barrett, No. 499 East One Hundred and Fortieth street.....	699 96
Joseph McVeagh, No. 900 Myrtle avenue, Brooklyn.....	699 96	Samuel B. Ryer, No. 35 Pearl street, Mount Vernon.....	699 96
Rossman Huested, No. 350 Warren street, Hudson, N. Y.....	600 00	Charles W. Lamoreaux, No. 1059 Jackson avenue.....	438 67
John J. Kane, No. 53 East Nineteenth street, Riverside, Paterson, N. J.....	600 00	Christopher M. Garland, No. 44 Horatio street.....	799 92
Hugh Kittson, No. 671 East One Hundred and Forty-third street.....	1,080 00	Albert F. Louis, Box 486, P. O. Stratford, Conn.....	900 00
Robert A. Reynolds, No. 205 East Fourteenth street.....	699 96	Edward S. Smith, No. 146 East Fifty-second street.....	900 00
Frederick Neubauer, No. 985 Columbus avenue.....	600 00	Archibald Robinson, No. 336 West Fifty-first street.....	699 96
John Monahan, No. 111 Lewis street, Brooklyn.....	600 00	Patrick J. Gilroy, No. 351 West Fifty-fifth street.....	466 56
William J. Noble, No. 174 West Ninety-seventh street.....	600 00	William E. Dodge, No. 1993 Webster avenue.....	699 96
John A. Cowie, Ossining, N. Y.....	1,080 00	Isaac C. Weeks, No. 1885 Bathgate avenue.....	699 96
Samuel Reed, No. 51 West One Hundred and Thirty-second street.....	356 16	William W. Brown, No. 225 South Tenth street, Mount Vernon.....	188 71
Bernard J. Reilly, Buchanan place, Fordham Heights, N. Y.....	900 00	Alexander McDonald, No. 665 East One Hundred and Thirty-fifth street.....	1,080 00
Theodore Dakin, No. 61 South avenue, Mariners' Harbor, S. I.....	600 00	Daniel J. Meagher, No. 32 Chestnut street, Albany, N. Y.....	1,080 00
Benjamin F. Morris, Amityville, L. I.....	600 00	Matthew Hicks, No. 737 East One Hundred and Forty-third street.....	1,080 00
Joseph F. McGill, No. 126 Waverley place.....	1,650 00	Samuel Best, No. 426 West One Hundred and Twenty-fourth street.....	1,080 00
George L. Crum, Room 610, No. 85 Cedar street.....	750 00	William H. Cox, No. 435 West Forty-sixth street.....	900 00
William R. Massie, No. 200 West Ninety-eighth street.....	799 92	James Kelly, No. 1, No. 56 West Ninety-eighth street.....	699 96
August Levi, No. 56 East One Hundred and Eighth street.....	699 96	Richard Hyland, No. 862 East One Hundred and Sixty-eighth street.....	699 96
Francis Kerrigan, No. 115 West Tenth street.....	900 00	Thomas P. Gibney, No. 528 West One Hundred and Thirty-eighth street.....	900 00
James Brady, No. 69 East One Hundred and Twenty-second street.....	699 96	Daniel Duggan, No. 242 East Seventy-first street.....	699 96
Dennis M. Maguire, No. 23 Terhune street, Jersey City, N. J.....	799 92	Daniel Bradley, No. 515 East One Hundred and Forty-sixth street.....	1,080 00
William F. Flock, No. 160 Greenwich street.....	900 00	Patrick Trainor, No. 224 Spring street.....	699 96
Thomas Walsh, No. 225 West Thirty-sixth street.....	699 96	Philip Ramee, New Hamburg, Dutchess County.....	799 92
James Neely, No. 345 West Forty-eighth street.....	799 92	George Shaw, West Sixth street, Bayonne, N. J.....	799 92
John C. Froboese, No. 81 Fremont street, Brooklyn.....	699 96	Daniel Lyons, No. 19 Jardine place, Brooklyn.....	699 96
Henry Lerch, No. 3007 Third avenue.....	699 96	Terrence P. Brennan, No. 1442 Forty-eighth street, Brooklyn.....	900 00
Gustave G. Nagel, No. 430 East Sixth street.....	900 00	Michael A. Reilly, Hempstead, N. Y.....	1,080 00
James H. Ballentine, No. 210 Reid avenue, Brooklyn.....	699 96	John McCarrick, No. 537 East One Hundred and Fifty-first street.....	699 96
Timothy Regan, No. 105 East Ninetieth street.....	799 92	William Browning, No. 470 West One Hundred and Fifty-seventh street.....	1,080 00
Charles L. Morris, No. 163 Broad street, Stapleton, Richmond, S. I.....	699 96	John Finn, No. 32 Oliver street.....	1,080 00
William D. Fraser, Monsey, Rockland County, N. Y.....	1,080 00	Joseph H. Derry, No. 128 Cedar street.....	799 92
Walter Homer, No. 107 Bloomfield street, Hoboken, N. J.....	799 92	James Hamilton, No. 2274 Seventh avenue.....	799 92
William Rowe, No. 292 Alexander avenue.....	1,650 00	Peter Mulvehill, No. 342 Fifty-seventh street, Brooklyn.....	699 96
Thomas B. Shea, Poplar street, north of Forest street.....	799 92	John H. Kehoe, No. 356 East Fifty-seventh street.....	1,650 00
Richard P. Moore, Lind avenue and Union street.....	999 96	Jacob J. Schaller, No. 52 West One Hundred and Twenty-fifth street, City.....	699 96
Christopher C. Flick, No. 111 West One Hundred and Fifteenth street.....	799 92	Joseph F. Walsh, Kiamasha, Sullivan County, N. Y.....	900 00
John Falvey, No. 2071 Decatur avenue.....	569 03	Herman Busse, No. 489 Amsterdam avenue.....	799 92
Henry M. Ahrens, Audubon avenue and One Hundred and Seventieth street.....	799 92	Thomas C. Carroll, No. 170 Beach street.....	699 96
James E. Nolan, No. 461 Noe avenue.....	699 96	David Hyde, No. 58 Watts street.....	1,080 00
William Grace, Cold Spring, Putnam County, N. Y.....	799 92	Timothy J. Coughlan, No. 509 West Forty-seventh street.....	799 92
Martin Cook, No. 326 Fifty-seventh street, Brooklyn.....	1,080 00	Charles Frost, No. 225 West Fourteenth street.....	799 92
John Murphy, No. 699 East One Hundred and Forty-fifth street.....	900 00	Richard J. Norris, No. 204 West Eighty-eighth street.....	1,080 00
Francis Carey, No. 257 West Sixty-ninth street.....	900 00	Roland H. Lanzer, Two Hundred and Thirty-sixth street and Katonah avenue, Bronx.....	699 96
Samuel Wood, Keansburg, N. J.....	699 96	Joseph Moss, No. 5622 Fourth avenue, Brooklyn.....	1,080 00
William J. Renshaw, No. 8 Beach terrace.....	600 00	Edward F. Slevin, No. 308 East Eighty-fifth street.....	161 27
John P. Walsh, No. 1 Catharine street.....	699 96	Clarence E. McNeilie, No. 1522 Third avenue.....	699 96
James H. Frederick, No. 941 Dawson street.....	799 92	Henry P. Reilly, No. 365 West Twenty-fourth street.....	1,080 00
Michael Commerford, No. 341 East Seventy-seventh street.....	1,080 00	George T. Russell, No. 92 Oak street, Yonkers, N. Y.....	699 96
Lawrence Ryan, No. 893 Morris avenue, Bronx.....	799 92	Louis Hellner, Nintyeth street and Fort Hamilton avenue, Brooklyn.....	1,080 00
William Quirk, No. 442 East Eighty-seventh street.....	1,080 00	Edward Stack, No. 312 Union street, Brooklyn.....	1,080 00
James Kelly, No. 2, No. 199 Washington street.....	699 96	John Duffy (No. 1), No. 568 Amsterdam avenue.....	699 96
Henry Gosler, No. 511 East Eighty-fourth street.....	699 96	William H. Keenan, No. 852 Union avenue.....	482 19
Charles F. Gunner, No. 2642 Eighth avenue.....	799 92	Hayward A. Hibbard, No. 731 Amsterdam avenue.....	799 92
Henry Ehlert, No. 134 French street, New Brunswick, N. J.....	699 96	William McLaughlin, No. 85 Morton street.....	966 00
Mier A. Weiner, No. 1076 Brook avenue.....	699 96	John E. Nickerson, No. 689 East One Hundred and Eighty-first street.....	699 96
George E. Sembler, West Point Pleasant, N. J.....	799 92	John Cassidy, No. 315 East Eighty-ninth street.....	699 96
		Thomas Harrison, No. 225 East One Hundred and Twenty-sixth street.....	699 96
		John F. Fitzgerald, No. 72 West One Hundred and First street.....	699 96
		John J. Naughton, No. 183 East Thirty-first street.....	900 00



Thomas Head, No. 214 East Eighty-third street.....	900 00
John Duane, No. 1258 Lexington avenue.....	699 96
Richard A. Kenahan, No. 77 Perry street.....	466 56
George H. Grabe, No. 231 East Seventieth street.....	585 24
Charles T. Budd, Walker Valley, Ulster County, N. Y.....	399 96
William H. Lorenze, No. 544 East One Hundred and Forty-second street..	699 96
John T. Needham, No. 846 Tinton avenue.....	391 97
William Hennessy, No. 689 East One Hundred and Eighty-fourth street..	900 00
Patrick McGrade, No. 213 Elizabeth street.....	799 92
William Quigg, No. 740 East One Hundred and Forty-third street.....	699 96
James P. Reilly, No. 203 Columbus avenue.....	699 96
Michael Hollacher, No. 690 East One Hundred and Eighty-sixth street....	799 92
Jacob Becker, No. 117 East One Hundred and First street.....	1,080 00
John P. Barrett, No. 401 West Fortieth street.....	699 96
Thomas J. Van Horn, Pearl River, N. Y.....	1,080 00
John Thompson, 672 Ninth avenue.....	699 96
Jacob Becker, No. 278 West Nineteenth street.....	699 96
John Crowley, Cebrie Park, Westchester, Bronx.....	699 96
Michael H. Dynan, No. 95 Eighth avenue.....	699 96
John Mullen, Twelfth street, Unionport, Bronx.....	699 96
James J. Campbell, No. 275 First avenue.....	699 96
Timothy J. Bresnan, No. 121 East Eighty-ninth street.....	1,650 00
Patrick Doyle, No. 1412 Amsterdam avenue.....	799 92
Thomas Carney (No. 2), No. 430 Seventh street, Brooklyn.....	699 96
James Cosgrove, No. 133 West Sixty-seventh street.....	1,080 00
Charles Knoepfel, No. 341 West Eighteenth street.....	699 96
Thomas A. Kenny, No. 109 Taylor street, Brooklyn.....	1,650 00
Thomas J. O'Neill, No. 2007 Crotona avenue, Bronx.....	699 96
John Pilger, Park Ridge, N. J.....	699 96
Thomas M. Duffy, No. 2030 Amsterdam avenue.....	699 96
Joseph N. Hauck, No. 752 East One Hundred and Seventieth street.....	799 92
Jacob Eckes, No. 161 East Fourth street.....	699 96
John Douglass, No. 227 West One Hundred and Forty-second street.....	699 96
John J. Cashman, No. 682 East One Hundred and Fortieth street.....	2,100 00
Robert R. Farrell, No. 53 Horatio street.....	1,080 00
Timothy F. Sullivan, No. 248 Covert street.....	699 96
Cornelius Desmond, No. 627 East One Hundred and Fifty-fourth street....	699 96
James J. Smith (No. 2), No. 722 East One Hundred and Sixty-seventh st.	699 96
Herman W. Oppe, No. 81 Morton street.....	900 00
James Malone, No. 313 East Twenty-seventh street.....	1,080 00
Patrick Gannon, No. 274 Hancock street, Ravenswood, Borough of Queens	699 96
Thomas McGrath, No. 2920 West Twenty-fifth avenue, Highland Station, Denver, Col.....	699 96
Daniel McCoy, No. 406 West Forty-sixth street.....	699 96
Thomas F. Ryan, East Moriches, N. Y.....	699 96
Henry W. McAdams, No. 167 East Sixty-seventh street.....	536 25
Robert C. Manning, No. 150 Valley road, West Orange, N. J.....	699 96
Frank Gulick, No. 124 Clinton avenue, Hoboken, N. J.....	699 96
John S. Honan, No. 649 Prospect avenue, The Bronx.....	1,080 00
William Towart, No. 304 Commonwealth avenue.....	699 96
Philip Cahill, No. 2077 Boston road, The Bronx.....	799 92
Charles J. Autenrieth, No. 971 Dawson street, The Bronx.....	1,080 00
Edward J. Owens, Cole's place, Fordham, The Bronx.....	799 92
Patrick T. Horan, No. 109 East Eighty-sixth street.....	900 00
Michael A. Burns, No. 328 West Forty-eighth street.....	1,080 00
Henry R. Allison, Fosterdale, Sullivan County, N. Y.....	799 92
Arthur J. O'Neill, No. 782 Cauldwell avenue, The Bronx.....	699 96
Patrick J. Brennan, No. 1, No. 417 West Eighteenth street.....	699 96
Charles D. Purroy, No. 254 West Twenty-fifth street.....	3,000 00
William J. Schuster, Liberty, Sullivan County, N. Y.....	900 00
Edward Roe, No. 213 Seventh avenue.....	699 96
Thomas F. Freel, No. 280 Broadway, Room 210.....	1,050 00
Thomas Coffey, No. 1, No. 27 Lawrence street.....	699 96
Isaac Fisher, No. 967 Fortieth street, Brooklyn.....	1,080 00
Alexander D. Aiken, No. 48 West One Hundred and Thirty-second street..	1,080 00
John J. Lutz, Fourteenth street and Avenue B, Unionport.....	699 96
William A. Taylor, Park avenue, The Bronx.....	699 96
Lindsay Williamson, One Hundred and Eighty-first street and Honeywell avenue.....	900 00
John F. Dietsch, No. 782 Eagle avenue.....	799 92
Daniel H. Callaghan, No. 724 East One Hundred and Thirty-ninth street..	627 16
Simon G. Murray, No. 257 West Nineteenth street.....	699 96
Peter H. Ward, No. 21 Audubon avenue.....	699 96
Luke Clayton, No. 1046 Fox street.....	799 92
Alonzo Boese, Scarsdale, N. Y.....	699 96
Anthony Stephenson, Two Hundred and Twenty-first street and White Plains road.....	699 96
John Ward, No. 696 East One Hundred and Sixty-fourth street.....	1,080 00
Thomas F. Donovan, No. 106 Kingsland avenue, Brooklyn.....	699 96
Patrick J. McMahon, No. 444 East One Hundred and Twenty-second street	699 96
John H. Landers, No. 3462 Broadway.....	699 96
John A. Marx, No. 612 West One Hundred and Twelfth street.....	699 96
John J. Price, No. 450 West Fiftieth street.....	699 96
Samuel E. Phelan, 696 Greenwich street.....	799 92
Henry F. Mackey, No. 1215 Tinton avenue, The Bronx.....	900 00
Henry Kratch, No. 966 East One Hundred and Fifty-sixth street.....	699 96
Edward J. Carney, No. 2315 Prospect avenue.....	699 96
Thomas McCabe, No. 134 Junction avenue, Corona, L. I.....	799 92
Robert H. Levins, No. 160 East One Hundred and Twenty-eighth street..	699 96
Michael Donovan, Hudson Park, Kingsbridge.....	799 92
John H. Cowan.....	55 54
James Pearl, No. 2679 Third avenue.....	699 96
Patrick J. Brennan, No. 2, No. 11 Simonson avenue, Richmond.....	900 00
Eugene Silverman (Mary E. Silverman, Com.), No. 439 Central avenue, Brooklyn.....	699 96
Peter Donnelly (Susan Donnelly, Com.), No. 846 Second avenue.....	583 30
Peter Hanlon, No. 1928 Bath avenue, Bath Beach.....	900 00
Harry J. Kendrigan, No. 327 East Fifty-second street.....	503 58
Henry J. Padden, No. 239 East Thirty-first street.....	453 47
John F. Coyle, No. 337 East Eighty-eighth street.....	446 62
Patrick H. Coyle, No. 155 East One Hundred and Fourth street.....	499 35
Andrew J. Conlon, No. 2216 Eighth avenue.....	204 43
Charles J. Knapp, No. 635 East Twelfth street.....	194 40
William H. Bouton.....	227 49
James Conway, No. 41 Third avenue.....	225 54
John Farley, No. 315 West Twentieth street.....	214 84
James J. Halligan, No. 503 West Forty-third street.....	135 48
Thomas O'Flaherty, No. 762 Columbus avenue.....	77 76
John H. Leonard.....	70 97

Total ..... \$270,873 37

## PAID RELIEVED MEN DURING THE YEAR 1905.

## BOROUGH OF MANHATTAN AND THE BRONX.

James H. Conklin, Southold, N. Y.....	650 04
Barnard Conway, No. 321 Lafayette avenue, Brooklyn.....	600 00
William H. Renoud, Westchester avenue.....	399 96
Jeremiah Calnan, No. 74 Palmetto street, Brooklyn.....	600 00
James K. Giles, Intervale avenue and One Hundred and Sixty-fifth street	650 04
James Hunter, No. 1 Laurel avenue, Stapleton, Richmond.....	750 00
James Roland, No. 327 West Fourth street.....	600 00
William Murfitt, No. 132 West One Hundred and Sixteenth street.....	536 67
George Jarvis, No. 1015 Washington avenue.....	650 04
William Jackson, No. 454 West Forty-ninth street.....	515 00

George H. Sharp, No. 122 Jefferson avenue, North Richmond Hill, Queens.....	600 00
James Walton, No. 79 Elm street, New Rochelle, N. Y.....	900 00
Thomas Conlon, No. 307 East Thirty-seventh street.....	900 00
Frederick Coppers, No. 5 St. Luke's place.....	600 00
William Kline, No. 94 East Third street.....	600 00
Henry Brengel, No. 1580 Third avenue.....	600 00
John Schwab, No. 1205 Lexington avenue.....	600 00
James Heaney, No. 77 East One Hundred and Eleventh street.....	750 00
Thomas J. Cortissos, No. 125 West One Hundred and Sixth street.....	600 00
Oliver Hawkins, No. 130 Sixteenth street, Brooklyn.....	699 96
Peter Gallagher, No. 1229 Simpson street.....	600 00
Simon Hexter, No. 213 East Fourteenth street.....	600 00
Joseph Creagle, No. 1678 Bathgate avenue.....	699 96
Edward Hogan, No. 2, No. 47 East Eighty-eighth street.....	600 00
Charles Forbach, No. 1919 Prospect avenue.....	600 00
Jacob Mang, No. 998 Second avenue.....	600 00
Thomas Gooderson, No. 98 Morningside avenue.....	1,374 96
Joseph Brandon, No. 302 West One Hundred and Twenty-first street....	600 00
John Hart, Hellgate, between Grove and Walnut streets, Winfield, L. I..	600 00
Michael Neubauer, Springdale, Conn.....	750 00
Patrick J. Byrnes, No. 871 Brook avenue, Bronx.....	699 96
William S. Hughes, No. 1366 Franklin avenue.....	600 00
Rodger B. Hamblett, No. 753 Summit street.....	900 00
Wright Case, No. 2157 Seventh avenue.....	750 00
James Bergin, No. 1329 Fifth avenue.....	600 00
Albert H. Hendrickson, No. 714 East One Hundred and Thirty-fifth street.....	600 00
Joseph McGowan, No. 633 Tenth street, Brooklyn.....	600 00
Frank X. Werner, No. 787 Ninth avenue.....	600 00
Mark Smith, Clinton, Conn.....	600 00
William J. Cavanagh, No. 1007 Oakland place.....	699 96
Charles A. Woodhull, No. 152 East Fifty-second street.....	699 96
George Cusick, Kings Park, N. Y.....	900 00
Edward Keyes, Bloomingburg, Sullivan County, N. Y.....	600 00
John Dalton, No. 255 East One Hundred and Fifth street.....	600 00
Martin Meagher, No. 335 Seventy-fifth street, Bay Ridge.....	600 00
Charles Chambers, No. 516 Wales avenue, Bronx.....	900 00
George W. Greer, No. 65 Ralph street.....	699 96
John B. Livingston, No. 1278 Meecham street.....	600 00
William J. Cavanagh, No. 62 King street.....	600 00
Dennis Morrissey, No. 1640 Lexington avenue.....	600 00
James J. Gerity, No. 633 East One Hundred and Thirty-seventh street..	750 00
Patrick Riley, No. 62 Hooker avenue.....	699 96
James Young, No. 230 Forty-second street, Brooklyn.....	699 96
Adam Hutter, No. 261 West Nineteenth street.....	600 00
Stephen C. Purdy, No. 116 East Seventy-fourth street.....	416 67
William Peto, No. 8 Pilling street, Brooklyn.....	699 96
Peter E. Sheedee, No. 243 West Houston street.....	699 96
Timothy McDonald, No. 417 East Eighty-second street.....	600 00
Adam Feit, No. 215 East Eighty-ninth street.....	699 96
Lawrence P. Farley, Grant City, N. Y.....	600 00
James T. Holmes, Corona, N. Y.....	600 00
Samuel Campbell, No. 443 West One Hundred and Sixty-second street..	1,650 00
James McGill, No. 364 Alexander avenue.....	699 96
John McLaughlin, No. 1, No. 98 Lawrence street.....	600 00
Patrick McDonnell, Whitestone, N. Y.....	699 96
Michael Lynch, No. 18 James slip.....	600 00

Total ..... \$44,592 86

## PAID RETIRED MEN DURING THE YEAR 1905.

## BOROUGH OF BROOKLYN AND QUEENS.

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
John Kreuscher, Rockaway Beach.....	474 96
Charles McDonough, P. O. Box 105, East Shokan, N. Y.....	750 00
William A. Minard, No. 21 Madison avenue, Mount Vernon, N. Y.....	758 03
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.....	1,075 23
William H. Sherry, No. 998 Putnam avenue.....	649 92
William Gilfoy, No. 89 Howard avenue.....	549 96
James V. Rhodes, No. 59 Lee avenue.....	549 96
Patrick Minton, No. 253 Eighteenth street.....	549 96
William C. Bonner, No. 223 Bleeker street.....	549 96
Michael Quinn, No. 501 Graham avenue.....	549 96
John W. Dunn, No. 273 Eighth street.....	549 96
Thomas F. Nevins, No. 350 Clinton street.....	2,499 96
Edward Fitzsimmons, No. 5718 Sixth avenue.....	849 96
Eben H. Shute, No. 1017 Putnam avenue.....	849 96
Charles Ferris, No. 257 Sixteenth street.....	549 96
William O'Brien, No. 350 South First street.....	549 96
Miles Campbell, No. 280 Warren street.....	900 00
William J. Curran, No. 362 Clinton place.....	599 96
Peter Farrell, No. 248 Sackett street.....	900 00
Thomas Culkin, No. 1069 Halsey street.....	549 96
Thomas Malone, No. 477 Sackett street.....	549 96
James Cullen, No. 52 Second place.....	750 00
William Cunningham, No. 132½ Suydam street.....	649 92
William F. Kingsland, No. 186 Java street.....	248 09
John Mahoney, No. 16 Third place.....	549 96
Edward Shaughnessy, No. 385 Myrtle avenue.....	549 96
James Walsh, No. 428 Eighth avenue.....	1,374 96
Prescott L. Watson, Wurtsboro, Sullivan County, N. Y.....	499 92
Henry A. Brinkman, No. 335 Warren street.....	750 00
John Hinton, No. 27 First street.....	549 96
Charles Schulz, No. 71 Suydam street.....	549 96
John Porter, No. 721 Chauncey street.....	450 00
Norman Hughes, Thirty-seventh street, between Avenues D and E.....	549 96
James J. Miller, No. 806 Bergen street.....	549 96
James Smith, No. 15 Second place.....	900 00
James Burns, No. 191 Luqueer street.....	949 92
James T. Shannon, No. 322 Twelfth 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, No. 19 North Main street, West Haven, Conn.....	766 56
John Tierney, No. 208 Nineteenth street.....	699 96
John McCole, No. 113 Jay street.....	1,036 56
William Donohue, No. 192 South Second street.....	1,036 56
John F. Welton, Greenwood avenue, Richmond Hill.....	1,036 56
John Cantwell, No. 1157 Putnam avenue.....	699 96
Peter Hecker, No. 686 Dean street.....	699 96
Lawrence Fagan, No. 106 Warren street.....	699 96
Edward Finn, No. 228 Seventh avenue.....	15 05
George W. Van Cott, Amityville, L. I.....	1,080 00
Michael J. Delaney, No. 1169 Putnam avenue.....	799 92
Samuel T. Irwin, No. 329 Fifty-first street.....	699 96



Stephen F. Gill, No. 218 Duffield street.....	900 00
John Gillen, No. 99 Hoyt street.....	699 96
Jeremiah J. Delaney, No. 544 Seventeenth street.....	699 96
Henry M. Keighler, Riverhead, N. Y.....	1,080 00
Stephen Allen, No. 777 Manhattan avenue.....	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, No. 124 Bedford street.....	799 92
Thomas F. McNamara, No. 46 Fourth street.....	466 56
John Pohlman, No. 650 Central avenue.....	799 92
Joseph A. Caragher, No. 54 West One Hundred and Sixth street, Man- hattan.....	600 00
John Meddis, No. 315 Fifteenth street.....	380 09
Valentine Henderickson, No. 392 Myrtle avenue.....	699 96
James Lawlor, No. 128 President street.....	699 96
James Doyle, No. 296 Carroll street.....	1,650 00
George C. Hennessy, No. 226 Covert street.....	699 96
William J. Higgins, No. 954 Kent avenue.....	799 92
Hugh Riley, No. 750 Monroe street.....	699 96
John H. Perry, Glenwood, N. Y.....	2,100 00
Joseph H. Bennett, Ninety-fourth street and Avenue G.....	900 00
Charles Shay, No. 670 Bergen street.....	900 00
Charles H. Bixby, Amityville, N. Y.....	1,080 00
James Flannelly, No. 67 Coles street.....	900 00
Owen S. Campbell, No. 214 Frost street.....	1,080 00
Samuel G. Heustis, No. 442 State street.....	1,650 00
James S. Smith, No. 18 Tompkins place.....	1,080 00
Isaac B. Guischard, No. 742 Decatur street.....	799 92
William Harris, No. 840 Halsey street.....	1,080 00
Thomas F. Gray, No. 65 Grant avenue.....	799 92
John Dowd, No. 781 Madison street.....	699 96
John J. Hughes, No. 1217 Degraw street.....	900 00
John R. Hanson, Keansburg, N. J.....	699 96
Daniel J. Garrity, No. 286 President street.....	288 00
John S. Carney, No. 148 North Seventh street.....	1,080 00
George W. Keighler, Freeport, N. Y.....	900 00
Robert Wallace, No. 298 New Jersey avenue.....	699 96
Patrick Harrigan, No. 742 Henry street.....	699 96
John Ramsay, No. 137 Dwight street.....	699 96
Samuel Duff, No. 64 Tillary street.....	2,100 00
Leonard R. Rhodes, No. 500 Decatur street.....	900 00
Patrick Lahey, No. 290 Hicks street.....	1,080 00
James Maguire, No. 2901 Avenue F, Flatbush.....	1,650 00
Joseph R. Reynolds, No. 123 Vanderbilt avenue.....	799 92
Martin Corcoran, No. 580 Vanderbilt avenue.....	699 96
Frederick J. Manning, No. 1023 Putnam avenue.....	799 92
Frederick J. Snow, Port Washington.....	1,650 00
Peter M. O'Neill, No. 137 Dwight street.....	699 96
Edward F. Hargrove, No. 182 Bedford avenue.....	699 96
Elisha Snethen, No. 338 Lefferts avenue, Morris Park.....	799 92
James J. Ryan, No. 169 Coffee street.....	1,080 00
John J. Thornton, No. 382 Seventh avenue.....	799 92
Dennis Cantwell, No. 467 Fifty-first street.....	699 96
George H. Fletcher, No. 762 East Eighth street.....	1,080 00
Thomas F. Farrell, No. 469 East Seventh street.....	699 96
Joseph Keenan, No. 172 Fourth street.....	699 96
John P. McKeon, No. 211 Smith street.....	699 96
Michael J. Kendrick, No. 254 Kingsland avenue.....	699 96
Francis Curran, No. 606 Henry street.....	799 92
Edward Eichorn, No. 1219 Decatur street.....	1,080 00
John Connelly, No. 94 Milton street.....	699 96
John Slattery, No. 152 West Ninth street.....	699 96
John F. Dobson, Northport, L. I.....	1,650 00
James H. Byrne, No. 104 Rapelye street.....	900 00
John J. Kenny, No. 660 Henry street.....	699 96
James Riley, No. 1346 Prospect avenue.....	825 00
Charles E. Rikel, No. 372 Seventh street.....	783 00
Michael F. Rogan, Albany, N. Y.....	533 28
John F. Ward, 86 Hoyt street.....	466 64
George A. McElroy, Pine Hill, N. Y.....	507 50
William T. Canning, No. 1211 Decatur street.....	502 50
Albert W. Snow, East Ninety-fourth street, Canarsie.....	416 13
Dennis J. McKinney, No. 430 Sackett street.....	493 71
Charles W. Norris, Port Washington, L. I.....	291 65
William H. Berdan, Waterbury, Vt.....	375 00
Henry Reese, No. 39 North Second street.....	266 64
James Lane, No. 135 India street.....	133 59
John F. Delehanty, Flushing avenue, Astoria.....	23 83
Christopher S. Leavy, No. 472 Quincy street.....	180 00

Less refund of James Lahey, deceased Retired Engineer..... 14 60

Total ..... \$108,274 00

#### Receipts and Disbursements of the Relief Fund, 1871-1905, Inclusive.

Receipts.	1871 to 1903.	1904.	1905.	Total.
Metropolitan Fire Department Relief Fund.....	\$7,340 07	.....	.....	\$7,340 07
Brooklyn Fire Department Relief Fund.....	213,837 06	.....	.....	213,837 06
Fines.....	71,764 68	\$3,365 68	\$3,051 62	78,181 98
Donations.....	24,661 25	4,700 00	1,844 00	31,205 25
Penalties.....	20,453 74	1,001 22	380 50	21,835 46
Oil licenses.....	1,392,767 00	61,410 50	60,733 75	1,514,911 25
Fireworks permits.....	52,986 25	4,524 75	4,562 25	62,073 25
Interest.....	775,545 09	29,870 32	28,930 49	834,345 90
Foreign fire insurance tax.....	627,632 05	105,430 48	115,316 82	848,379 35
Powder licenses.....	8,783 25	380 50	271 50	9,435 25
Special permits.....	74,829 75	13,660 35	16,075 95	104,566 05
Chimney fines.....	20,309 50	1,564 00	1,409 50	23,283 00
Fire in street permits.....	1,114 93	46 00	36 41	1,197 34
Sales of condemned property.....	72,160 74	6,657 22	10,579 16	89,397 12
Excise licenses.....	2,143,469 32	245,000 00	346,531 79	2,735,001 11
Special leaves.....	64,444 42	2,224 52	2,909 05	69,577 99
Violation of agricultural laws.....	14,157 55	.....	.....	14,157 55
Explosive permits.....	27,038 75	4,709 00	7,283 75	39,031 50
Premium on bonds.....	9,327 50	14 80	.....	9,342 30
Match licenses.....	1,469 50	1,019 50	896 75	3,385 75
	\$5,624,092 40	\$485,578 84	\$600,813 29	\$6,710,484 53

#### Disbursements of the Relief Fund, 1871-1905, Inclusive.

Disbursements.	1871 to 1903.	1904.	1905.	Total.
Premium on bonds.....	\$37,417 86	.....	.....	\$37,417 86
Interest.....	498 63	.....	.....	498 63
Salaries.....	18,227 31	.....	.....	18,227 31
Expense account.....	27,216 91	\$512 45	\$210 00	27,939 36
Pensions—				
Widows and orphans, etc., Bor- oughs of Manhattan and The Bronx.....	1,131,552 05	98,085 79	102,606 45	1,332,244 29
Widows and orphans, etc., Bor- oughs of Brooklyn and Queens.....	185,057 44	46,727 48	55,200 79	286,985 71
Retired men, Boroughs of Manhattan and The Bronx.....	1,959,380 12	266,209 15	270,873 37	2,496,462 64
Retired men, Boroughs of Brooklyn and Queens.....	364,525 75	100,739 51	108,274 00	573,539 26
Pay of relieved men, Boroughs of Manhattan and The Bronx.....	993,609 60	45,799 76	44,592 86	1,084,002 22
	\$4,717,485 67	\$558,074 14	\$581,757 47	\$5,857,317 28

#### Recapitulation.

Receipts January 1, 1871, to January 1, 1906.....	\$6,710,484 53
Disbursements January 1, 1871, to January 1, 1906.....	5,857,317 28

Balance ..... \$853,167 25

#### Buildings of the Fire Department.

##### BOROUGH OF MANHATTAN AND THE BRONX.

Headquarters Office of Commissioner, Bureaus: Chief of Department, Inspector of Combustibles, Fire Marshal, Violations and Auxiliary Fire Appliances, Building Superintendent, Fire Alarm Telegraph—Central Office, Medical Officers, School of Instruction and Drill Ground, Nos. 157 and 159 East Sixty-seventh street.

Repair Shops, Nos. 130 and 132 West Third street.  
Hospital and Training Stables, Nos. 133 and 135 West Ninety-ninth street.  
Bell Tower and Lookout, Mount Morris Square.  
Lookout, southwest corner of Tenth street and Sixth avenue, Jefferson Market Court House.

Engine Company 1, No. 165 West Twenty-ninth street.  
Engine Company 2, No. 530 West Forty-third street (Fuel Depot No. 13).  
Engine Company 3, No. 417 West Seventeenth street (Fuel Depot No. 10).  
Engine Company 4, No. 119 Maiden lane.  
Engine Company 5, No. 340 East Fourteenth street.  
Engine Company 6, No. 113 Liberty street.  
Engine Company 7, Nos. 100 and 102 Duane street.  
Engine Company 8, No. 165 East Fifty-first street.  
Engine Company 9, No. 55 East Broadway.  
Engine Company 10, No. 8 Stone street.  
Engine Company 11, No. 437 East Houston street.  
Engine Company 12, No. 261 William street.  
Engine Company 13, No. 99 Wooster street.  
Engine Company 14, No. 14 East Eighteenth street.  
Engine Company 15, No. 269 Henry street.  
Engine Company 16, No. 223 East Twenty-fifth street.  
Engine Company 17, No. 91 Ludlow street.  
Engine Company 18, No. 132 West Tenth street (Fuel Depot No. 8).  
Engine Company 19, No. 355 West Twenty-fifth street (Fuel Depot No. 11).  
Engine Company 20, Searchlight Engine 1, No. 243 Lafayette street.  
Engine Company 21, No. 216 East Fortieth street.  
Engine Company 22, No. 159 East Eighty-fifth street (Fuel Depot No. 16).  
Engine Company 23, No. 235 West Fifty-eighth street (Fuel Depot No. 15).  
Engine Company 24, No. 78 Morton street (Fuel Depot No. 7).  
Engine Company 25, No. 342 Fifth street.  
Engine Company 26, No. 220 West Thirty-seventh street.  
Engine Company 27, No. 173 Franklin street.  
Engine Company 28, No. 604 East Eleventh street.  
Engine Company 29, No. 160 Chambers street.  
Engine Company 30, Nos. 278 to 284 Spring street (Fuel Depot No. 6).  
Engine Company 31 (Fuel Depot No. 2), (Water Tower No. 1), Nos. 87 and 91 Lafayette street.  
Engine Company 32, No. 49 Beekman street.  
Engine Company 33, Nos. 42 and 44 Great Jones street.  
Engine Company 34, No. 440 West Thirty-third street.  
Engine Company 35, No. 223 East One Hundred and Nineteenth street.  
Engine Company 36, No. 1849 Park avenue.  
Engine Company 37, No. 83 Lawrence street.  
Engine Company 38, No. 1907 Amsterdam avenue.  
Engine Company 39, No. 157 East Sixty-seventh street.  
Engine Company 40, No. 153 West Sixty-eighth street.  
Engine Company 41, No. 572 East One Hundred and Fiftieth street.  
Engine Company 42, No. 1192 Fulton avenue.  
Engine Company 43, Sedgwick avenue, opposite Burns avenue.  
Engine Company 44, No. 221 East Seventy-fifth street.  
Engine Company 45, No. 1187 Tremont avenue.  
Engine Company 46, No. 715 East One Hundred and Seventy-sixth street.  
Engine Company 47, No. 502 West One Hundred and Thirteenth street.  
Engine Company 48, No. 2504 Webster avenue (Fuel Depot No. 3).  
Engine Company 49, Blackwell's Island.  
Engine Company 50, No. 749 East One Hundred and Sixty-sixth street (Fuel Depot No. 22).  
Engine Company 51 (Floating engine), foot of East Ninety-ninth street.  
Engine Company 52, Riverdale avenue, near Spuyten Duyvil parkway (Fuel Depot No. 24).  
Engine Company 53, No. 175 East One Hundred and Fourth street (Fuel Depot No. 18).  
Engine Company 54, No. 304 West Forty-seventh street.  
Engine Company 55, No. 363 Broome street.  
Engine Company 56, No. 120 West Eighty-third street.  
Engine Company 57 (Floating engine), Battery Park.  
Engine Company 58, No. 81 West One Hundred and Fifteenth street.  
Engine Company 59, No. 180 West One Hundred and Thirty-seventh street.  
Engine Company 60, No. 606 East One Hundred and Thirty-seventh street.  
Engine Company 61, Main street, east of Arno place, Westchester.  
Engine Company 62, White Plains avenue, north of Julian street, Williamsbridge.  
Engine Company 63, Wakefield, Westchester avenue, near Fulton street.  
Engine Company 64, Unionport, No. 64 Twelfth street.  
Engine Company 65, No. 33 West Forty-third street.  
Engine Company 66 (Floating engine), foot of Grand street, East river.  
Engine Company 67, No. 518 West One Hundred and Seventieth street.  
Engine Company 68, No. 1116 Ogden avenue.  
Engine Company 69, Two Hundred and Thirty-third street, west of Katonah avenue.  
Engine Company 70, Schofield avenue, near Main street, City Island.  
Engine Company 71, northeast corner One Hundred and Fifty-ninth street and Park avenue.  
Engine Company 72, No. 22 East Twelfth street.  
Engine Company 73, Prospect avenue and East One Hundred and Fifty-second street.  
Engine Company 74 No. 207 West Seventy-seventh street.



Engine Company 75, Jerome avenue and East One Hundred and Eighty-third street.  
 Engine Company 76, Nos. 105 and 107 West One Hundred and Second street.  
 Engine Company 77 (floating engine), detailed foot of Main street (Brooklyn).  
 Engine Company 78 (floating engine), foot of Gansevoort street.  
 Engine Company 79, Briggs avenue, near Two Hundredth street.  
 Engine Company 80, No. 503 West One Hundred and Thirty-ninth street.  
 Engine Company 81, Albany road, near Bailey avenue.  
 Engine Company 82, Intervale avenue, near One Hundred and Sixty-ninth street.  
 Engine Company 83, No. 898 East One Hundred and Thirty-eighth street.  
 Engine Company 84.  
 Engine Company 85.  
 Engine Company 86.  
 Engine Company 87.  
 Engine Company 88.  
 Engine Company 89.  
 Hook and Ladder Company 1, No. 104 Duane street.  
 Hook and Ladder Company 2, No. 126 East Fiftieth street (Fuel Depot No. 14 and Fuel Wagon No. 2).  
 Hook and Ladder Company 3, No. 108 East Thirteenth street (Fuel Depot No. 9 and Water Tower No. 2).  
 Hook and Ladder Company 4, No. 788 Eighth avenue.  
 Hook and Ladder Company 5, No. 96 Charles street.  
 Hook and Ladder Company 6, No. 77 Canal street.  
 Hook and Ladder Company 7, No. 217 East Twenty-eighth street (Fuel Depot No. 12).  
 Hook and Ladder Company 8, North Moore street, corner of Varick street.  
 Hook and Ladder Company 9, No. 209 Elizabeth street (Fuel Wagon No. 1).  
 Hook and Ladder Company 10, No. 191 Fulton street.  
 Hook and Ladder Company 11, No. 742 Fifth street.  
 Hook and Ladder Company 12, No. 243 West Twentieth street.  
 Hook and Ladder Company 13, No. 159 East Eighty-seventh street (Fuel Depot Wagon No. 16).  
 Hook and Ladder Company 14, No. 120 East One Hundred and Twenty-fifth street.  
 Hook and Ladder Company 15, Old Slip, between Water and Front streets.  
 Hook and Ladder Company 16, No. 159 East Sixty-seventh street.  
 Hook and Ladder Company 17, No. 589 East One Hundred and Forty-third street (Fuel Depot No. 21).  
 Hook and Ladder Company 18, No. 84 Attorney street.  
 Hook and Ladder Company 19, No. 886 Forest avenue.  
 Hook and Ladder Company 20, No. 157 Mercer street (Fuel Depot No. 23).  
 Hook and Ladder Company 21, No. 432 West Thirty-sixth street.  
 Hook and Ladder Company 22, No. 766 Amsterdam avenue (Fuel Depot No. 17).  
 Hook and Ladder Company 23, No. 504 West One Hundred and Fortieth street.  
 Hook and Ladder Company 24, Nos. 113 and 115 West Thirty-third street (Water Tower No. 3 and Searchlight No. 2).  
 Hook and Ladder Company 25, No. 205 West Seventy-seventh street.  
 Hook and Ladder Company 26, Nos. 52 and 54 East One Hundred and Fourteenth street (Water Tower No. 4).  
 Hook and Ladder Company 27, No. 717 East One Hundred and Seventy-sixth street.  
 Hook and Ladder Company 28, No. 250 West One Hundred and Forty-third street.  
 Hook and Ladder Company 29, No. 896 East One Hundred and Thirty-eighth street.  
 Hook and Ladder Company 30.  
 Hook and Ladder Company 31.  
 Hook and Ladder Company 32.  
 Hook and Ladder Company 33.  
 Hook and Ladder Company 34.  
 Fuel Depot No. 1, No. 25 Bridge street.  
 Fuel Depot No. 2, Elm and White streets.  
 Fuel Depot No. 3, No. 2504 Webster avenue.  
 Fuel Depot No. 4, No. 180 Clinton street.  
 Fuel Depot No. 5, No. 199 Chrystie street.  
 Fuel Depot No. 6, No. 278 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. 217 East Twenty-eighth street.  
 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 (Wagon at No. 159 East Eighty-seventh 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.  
 Fuel Depot No. 25.  
 Fuel Depot No. 26.  
 Fuel Depot No. 27.  
 Fuel Depot No. 28.  
 Fuel Depot No. 29.  
 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.  
 Headquarters of Eighth Battalion, No. 160 East Thirty-third street (Fuel Depot No. 12).  
 Storehouse, north side of Third street, Williamsbridge.  
 Headquarters of First Division, No. 185 Lafayette street.  
 Storehouse, No. 209 East One Hundred and Twenty-second street.  
 Storehouse, Main street and Westchester turnpike.

## BOROUGH OF RICHMOND.

Engine Company 201, Eureka place and Bentley street, Tottenville.  
 Engine Company 202, New York avenue, between Pennsylvania avenue and Clifton avenue, Rosebank.  
 Engine Company 203, Broad street, between Brownell and Quinn streets, Stapleton.  
 Engine Company 204, Sarah Ann street, between Hannah street and St. Paul's avenue, Tompkinsville.  
 Engine Company 205, No. 80 Jersey street, New Brighton.  
 Engine Company 206, Broadway and Prospect street, West New Brighton.  
 Engine Company 207, Cottage place and New street, Port Richmond.  
 Engine Company 208, Central avenue, near Richmond terrace, Mariners' Harbor.  
 South Beach Hose Company 1, Seaside Boulevard, between Ocean avenue and Sand lane, South Beach.  
 Hook and Ladder Company 101, Main street, near Broadway, Tottenville.  
 Hook and Ladder Company 102, Canal, near Wright street, Stapleton.  
 Hook and Ladder Company 103, Brook street and Richmond turnpike, New Brighton.  
 Hook and Ladder Company 104, Castleton avenue, between Barker and Taylor streets, West New Brighton.  
 Hook and Ladder Company 105, Richmond avenue, between Hatfield and Charles streets, Port Richmond.

## REPORT FOR THE YEAR ENDING DECEMBER 31, 1905.

## BOROUGH OF BROOKLYN AND QUEENS.

## Personnel, etc.

On December 31, 1905, the active personnel of the Department in these boroughs numbered 1,538, the fire extinguishing force comprising 1,407 members, assigned, with the exception of twenty-seven (27) chief officers to the eighty-nine (89) companies of the seventeen (17) battalions. The companies are classified as follows:

Engine companies .....	66
Hook and ladder companies .....	21
Fire-boats .....	2
Aggregate .....	89

Of the above engine companies thirteen (13) have additional equipment of hook and ladder trucks; two (2) are double companies, having two complete sets of apparatus, and two (2) have additional equipment of chemical engines. Of the hook and ladder companies one (1) has additional equipment of a water tower and searchlight engine.

## Headquarters.

Deputy Commissioner, Brooklyn and Queens .....	1
Secretary to Deputy Commissioner .....	1
Examiner of Accounts .....	1
Clerks .....	2
Stenographer .....	1
Inspector of Buildings .....	1
Architectural Draughtsmen .....	2
Messenger .....	1
Elevator Attendant .....	1
Cleaners .....	5
Laborers .....	2
	18

## Bureau of Chief of Department (Uniformed Force).

Deputy Chief of Department in charge .....	1
Deputy Chiefs of Department .....	4
Chiefs of Battalion .....	27
Chaplains .....	2
Foremen (Captains) .....	99
Assistant Foremen (Lieutenants) .....	124
Engineers of Steamers .....	161

## Firemen—

First grade .....	667
Second grade .....	130
Third grade .....	126
Fourth grade .....	60
Probationary .....	6
	989
	1,407

## Bureau Chief of Department (Ununiformed Force).

Pilots of fire-boats .....	3
Acting Marine Engineer .....	1
Stokers .....	6
Automobile Engineman .....	1
	11

## Bureau Chief of Department (Clerical Force).

Stenographers and Typewriters .....	2
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## Bureau of Combustibles.

Assistant Inspector of Combustibles .....	1
Cashier .....	1
Clerk .....	1
Oil Surveyors .....	9
	12

## Bureau of Fire Marshal.

Fire Marshal .....	1
Assistant Fire Marshal .....	1
Inspector .....	1
Assistant Inspector .....	1
Stenographer .....	1
Clerk, Junior .....	1
	6

## Bureau of Fire Alarm Telegraph.

Inspectors of fire alarm boxes .....	2
Wireman .....	1
Cable Splicer .....	1
Foreman Lineman .....	1
Linemen .....	18
Batterymen .....	9
Groundmen .....	5
Laborers .....	3
	40

## Repair Shops.

Blacksmiths .....	3
Machinists .....	3
Wheelwrights .....	2
Sailmaker .....	1
Carpenters .....	6
Painters .....	3
Plumbers .....	2
Roofer .....	1
Tinsmith .....	1
Mason .....	1
Bricklayer .....	1
Toolmen .....	5
Helpers .....	2
Hose Repairer's Helper .....	1
Machinist's Helper .....	1
Laborers .....	5
	38

## Hospital and Training Stables.

Stablemen .....	4
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## Recapitulation.

Headquarters .....	18
Bureau, Chief of Department (uniformed force) .....	1,407
Bureau, Chief of Department (ununiformed force) .....	11
Bureau, Chief of Department (clerical force) .....	2
Bureau of Combustibles .....	12



Bureau of Fire Marshal.....	6
Bureau of Fire Alarm Telegraph.....	40
Repair Shops.....	38
Hospital and Training Stables.....	4
Aggregate.....	1,538

## Appointments.

Pilot of fire-boat (ununiformed).....	1
Automobile Enginemen.....	2
Architectural Draughtsman.....	1
Mechanical Draughtsman (temporary).....	1
Assistant Fire Marshal.....	1
Stenographer and Typewriter.....	1
Stenographer and Typewriter (temporary).....	1
Clerk.....	1
Batteryman.....	1
Machinist's Helper.....	1
Firemen fourth grade (uniformed force).....	57

## Promotions.

Foremen to Chiefs of Battalion.....	2
Engineers to Assistant Foremen.....	12
Firemen first grade to Assistant Foremen.....	9
Firemen first grade to Engineers of Steamers.....	24
Assistant Fire Marshal to Fire Marshal.....	1

## Transfers to Other City Departments.

Stenographer to Department of Education.....	1
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## Changes in Designation of Title.

Laborer to Batteryman.....	1
Boiler Fireman to Stoker.....	1
Coal Passers to Stokers.....	2
Assistant Batteryman to Batteryman.....	1

Transferred from Fire Department, Boroughs of Manhattan and The Bronx, to the Boroughs of Brooklyn and Queens.

Ununiformed pilot on fire-boat.....	1
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Transferred to Fire Department, Boroughs of Manhattan and The Bronx, from the Boroughs of Brooklyn and Queens.

Messenger.....	1
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## Reduction in Rank on Own Application.

Engineer of Steamer to fireman first grade.....	1
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## Resignations.

Fireman first grade.....	1
Fireman third grade.....	1
Firemen fourth grade.....	4
Probationary firemen.....	2
Automobile Engineman.....	1

## Retirements.

Foremen.....	3
Assistant Foremen.....	5
Engineers of Steamers.....	2
Firemen first grade.....	3

## Reinstated.

Probationary fireman.....	1
Assistant Foreman.....	1

## Dismissals.

Architectural draughtsman (temporary term expired).....	1
Mechanical draughtsman (temporary term expired).....	1
Stenographers and Typewriters (temporary term expired).....	2
Foreman (uniformed force).....	1
Firemen first grade (uniformed force).....	2
Fireman second grade (uniformed force).....	1
Probationary firemen (uniformed force).....	2

## Deceased.

Chief of Battalion (uniformed force).....	1
Foremen (uniformed force).....	2
Assistant Foremen (uniformed force).....	2
Engineers of Steamers (uniformed force).....	2
Firemen first grade (uniformed force).....	5
Firemen third grade (uniformed force).....	2
Captain of fire-boat.....	1
Chief Operator.....	1
Lineman.....	1
Painter.....	1

## CONTRACTS AWARDED.

## Buildings and Repairs.

Alterations to quarters Engine 131.....	\$2,160 00
Alterations to quarters Engine 102 and Hook and Ladder 51.....	29,456 00
Alterations to quarters Engine 151 and Hook and Ladder 69.....	3,680 00
Alterations to quarters Engine 164.....	4,400 00
Alterations to quarters Engine 165.....	3,600 00
Alterations to quarters Engine 166.....	1,985 00
Alterations to quarters Engine 167.....	3,550 00
Alterations to quarters Hook and Ladder 71.....	2,370 00

## New Apparatus.

Steam fire engines, Borough of Queens, 5.....	\$24,500 00
Steam fire engine, Borough of Brooklyn, 1.....	5,525 00
Steam fire engines, Borough of Brooklyn, 2.....	10,450 00
Hook and Ladder trucks (aerial), Borough of Brooklyn, 4.....	19,450 00
Hook and Ladder truck (chemical combination), Queens, 1.....	1,044 00
Hook and Ladder trucks (chemical combination), Queens, 4.....	6,380 00
Hose wagons, Brooklyn, 8.....	3,920 00
Officers' wagons, Brooklyn, 6.....	2,122 50

## New Hose.

8,000 feet 2½-inch fabric, Brooklyn.....	\$8,000 00
8,000 feet 2½-inch rubber, Brooklyn.....	7,760 00
4,000 feet 2½-inch fabric, Brooklyn.....	4,000 00
4,000 feet 2½-inch fabric, Brooklyn.....	3,600 00
4,000 feet 2½-inch rubber, Brooklyn.....	4,320 00
1,000 feet 3½-inch fabric, Brooklyn.....	1,500 00
16,000 feet 2½-inch fabric, Queens.....	8,000 00

## Horses.

60 animals, Brooklyn.....	\$16,860 00
10 animals, Queens.....	2,810 00
15 animals, Queens.....	4,271 00

## Forage.

Brooklyn.....	\$51,598 81
Queens.....	20,244 31

## Fuel.

Coal for apparatus houses, Brooklyn.....	\$23,235 00
Coal for fireboats, Brooklyn.....	6,017 50
Wood, kindling, Brooklyn.....	1,022 00

## Miscellaneous.

Lumber for repairs to buildings.....	\$3,264 32
Plumbing material.....	2,631 55
Lease of telephones.....	9,000 00
Privileges on elevated railroad structures.....	7,500 00
Telegraph supplies.....	1,992 51
Fire alarm signal boxes (50) Queens.....	1,900 00
Kerosene oil.....	765 00
Sponges.....	1,232 00
Repair shop supplies.....	1,727 90
Machine and blacksmith shop supplies.....	984 78
Hardware supplies.....	839 55
Horse blankets (Queens).....	790 00
Harness shop supplies.....	3,295 43
General supplies for companies.....	914 82

## Headquarters Deputy Chief of Department in Charge.

## BOROUGH OF BROOKLYN AND QUEENS.

EDWARD F. CROKER, Chief of Department:

Sir—I have the honor to submit for your consideration the following annual report for the year ending December 31, 1905, embracing schedules showing membership of the uniformed force, number of companies, description of apparatus and fireboats, statistics of fires, fire alarm telegraph system, a brief sketch of notable fires, rescues performed, presentation of medals and a register of officers in these boroughs.

With few exceptions, the fire extinguishing apparatus in service is in excellent condition, as proven by the efficient service rendered during the year, and by a recent test made through the courtesy of the Hon. Nicholas J. Hayes, then Fire Commissioner, by authorized agents of the National Board of Fire Underwriters, who stated, on completing such test, that the engines in service in these boroughs were the second best in the United States.

I respectfully reiterate the fact that the Department in the Boroughs of Brooklyn and Queens is not keeping pace with the remarkable growth in population and consequent increase in the number of dwellings and manufacturing establishments (9,027 during 1905) in these boroughs. There was an increase of slightly less than 5 per cent. in the number of fires for the year 1905 as compared with that of 1904, but, withal, the losses were decreased \$1,029,023, or about 33 per cent., and the average loss per fire decreased about 36 per cent., as a result of the very efficient manner in which the officers and men in all branches of the service in these boroughs performed their duty. With your permission, I take this opportunity of extending to them my deep appreciation of their hearty co-operation.

During the past year the paid system has been extended to Rockaway Beach and Far Rockaway, Borough of Queens, by the organization therein of five engine companies, Nos. 164, 165, 166, 167 and 168 (No. 164, in Far Rockaway, being equipped with a small hook and ladder truck), and one hook and ladder company, No. 71. There are 41 fire alarm boxes in the Rockaways, the classification of which has been changed from the volunteer system to that of Class 4, by the introduction of new circuit wheels. With an increased water supply, and an improved distribution of the same, the territory above mentioned will be as well protected as any outlying section of these boroughs.

In eight years, if we except the above extension, but three engine companies and four hook and ladder companies have been organized, less than one a year.

There is a balance of about \$46,000 of the bond issue of 1901, which was specially made for the erection of quarters for Engine Company 159. I believe that plans for the same have been drawn up. I would recommend that the said building be erected at the earliest possible date. Of the bond issues of 1903 and 1905 for sites and buildings, there is a balance of about \$124,000, which will be expended for the erection of two new apparatus houses, and the extensive alteration and repair of two others.

That the Department in these boroughs may assume a proper status, I have recommended twenty sites (five of which have been secured), the erection of suitable buildings thereon (plans for three of such buildings being now under way), and the organization of thirteen engine companies, seven hook and ladder companies and three combination companies (equipped with hook and ladder trucks). I respectfully refer you to my reports of February 11, 1904, and January 24, 1905.

During the year contracts were awarded for extensive alterations and repairs to four company quarters, all of which are nearing completion, and, when finished, will leave these houses in excellent condition. Twenty-seven company quarters still await similar treatment. Though this will necessitate a large expenditure of money, nevertheless it is absolutely essential that these houses be placed on a sanitary and habitable basis, and at the same time remove situations which do not tend to promote discipline.

With the addition of Engine Company 77 (Fireboat "Abram S. Hewitt"), lying at the foot of Main street, Borough of Brooklyn, and the interchange, by assignment, of fireboats between Manhattan and the Boroughs of Brooklyn and Queens, the waterfront of these Boroughs is fairly well protected in case of fire.

The scarcity of hydrants and diminished head of water, serious impediments to the prompt extinguishment of fires, to which attention was called in my reports of 1903 and 1904, have been obviated to a considerable extent by the laying in the Borough of Brooklyn, during the year 1905, of over forty miles of mains, varying in size from 6 inches to 48 inches, a very valuable one of 24 inches, known as a high-pressure main, having been laid through the dry goods and manufacturing districts, which is capable of delivering from each hydrant thereon between 2,000 and 3,000 gallons of water per minute. There have been placed 828 hydrants, which number is more than 12 per cent. of the total number set during the past forty-nine years. Special commendation is due to the Department of Water Supply, Gas and Electricity, Borough of Brooklyn, for their ready response in executing, where possible, all recommendations submitted.

During the past year the high-pressure fire service plant at Coney Island, consisting of 8,000 feet of mains, on which forty-seven four-way hydrants, 200 feet apart, have been placed, has been completed and successfully operated. By the introduction of a three-way siamese connection, with which the companies responding on the first alarm are equipped, six streams of water can be obtained from each of the above hydrants. The pumps are capable of forcing 45,000 gallons per minute, under a pressure of 150 pounds to the square inch; and the supply can be drawn from the remotest hydrants with a loss in pressure of about 20 pounds. Heretofore, that part of the Island lying outside the high-pressure system has been supplied by a single 12-inch main, any break in which would entirely cut off the supply of water to the Island. The supplement of said 12-inch main by a 20-inch main guards against such dangerous conditions.

In the Borough of Queens 6,420 feet of 12-inch and 2,580 feet of 6-inch mains were laid and thirty hydrants placed during the year 1905. Extensive and immediate improvements should be made in the supply and distribution of water in the Town of Newtown, particularly in those parts of same known as Maspeth, Ridgewood Heights and Glendale. Numerous large factories, together with a vast number of three and four-story brick and frame tenements, have been erected in the above-mentioned vicinities within the past two years, which growth is continual, and warrants the aforesaid improvements. Widespread disaster must follow in the event of a fire getting beyond the control of the volunteer system, which covers this section.

Notwithstanding that much has been done in the Borough of Brooklyn, still more remains to be accomplished in the way of proper distribution of water and the placing of several thousand additional hydrants. I have every reason to believe that this work will be taken in hand during the ensuing year.

As regards the fire alarm telegraph branch of the service in the Boroughs of Brooklyn and Queens, which consists principally of an overhead wire system (as good as any of its kind), it can be said that plans are under way relative to placing such wires, in a section of the Borough of Brooklyn, underground. This work should be



pushed forward with all possible dispatch, until every circuit in these Boroughs is placed underground in the most approved modern style. Since the fire alarm boxes of underground systems are usually placed in lamp-posts, I would recommend that the globes on such lamp-posts be of red glass.

The urgent necessity for at least twenty-five fire alarm boxes, Class 1, seventy-five fire alarm boxes, Class 2, and thirty fire alarm boxes, Class 4, is most apparent. In my report of 1904, I recommended the placing of sixty-five Class 2 boxes in the outlying portions of the Borough of Brooklyn, six of which have been placed, and twenty-five Class 4 boxes in that part of the Borough of Queens known as Long Island City, but two of which have been placed. These boxes should be contracted for, furnished and placed at the earliest possible date. It is due to the inhabitants of these parts that they be afforded better means of communication with this Department in the event of fire, and not be compelled to resort to the telephone, with all its attending delays. The lamp-posts adjacent to these boxes should also be provided with red globes.

That the fire alarm boxes in the Borough of Brooklyn should be arranged in numerical order is quite beyond dispute. After a thorough investigation and considerable study, I find that to do so would be a stupendous task, owing to its divers bays, creeks and canals, and the roundabout arrangement of its streets and avenues. Nevertheless, work with this aim in view is now in progress.

Respectfully submitted,

THOS. LALLY,

Deputy Chief of Department in Charge.

#### NOTABLE FIRES.

February 28, 3.56 a. m., Station 3-241.

Fire occurred at Nos. 941-965 Flushing avenue. Fire originated in one-story brick building, 50 by 60 feet, located in the rear of No. 951 Flushing avenue, occupied as annealing room for metals, considerably damaging building and contents; also extended to two and three-story frame building, 60 feet deep, extending 265 feet along Flushing avenue, Nos. 941 to 965, to corner of Evergreen avenue; 180 feet along Evergreen avenue to Cook street, and 265 feet along Cook street, Nos. 186 to 216, occupied as agate ware and tin ware factory and storehouse, totally destroying building on Flushing avenue, and slightly damaging building along Evergreen avenue and Cook street, and considerably damaging contents on Flushing avenue side, and slightly damaging contents on Evergreen avenue and Cook street sides. Fire extended through large building very rapidly, owing to open floors through entire building.

Chief officers present were Chief of Department Edward F. Croker, Deputy Chief of Department in charge of Boroughs of Brooklyn and Queens Thomas Lally, Deputy Chief of Ninth Division Frederick W. Gooderson, Jr., Chief of Battalion Graham and Acting Chiefs of Battalion McGuire, Friel and Rieckenberg.

The services of twelve engine and three hook and ladder companies were required, and the fire was under control in two and one-half hours.

At 4.01 a. m., 4.01½ a. m. and 4.19 a. m., respectively, second, third and fourth alarms were sent out.

March 1, 6.12 p. m., Station 3-231.

Fire occurred at Gardiner and Maspeth avenues, two-story frame building, 25 by 25 feet, occupied as office and dwelling.

Fire originated on second floor, and extended to all floors, totally destroying building and contents; also extended to one-story frame building, same location, occupied as stable, with trifling damage to building; also extended to one-story frame building, 25 by 25 feet, same location, occupied as kerosene oil shed, totally destroying building and contents; also extended to one-story frame building, 25 by 175 feet, same location, occupied as stable, with total loss to building and contents; also extended to one-story frame building, 25 by 225 feet, same location, occupied as oil tank shed, totally destroying building and contents.

Chief officers present were Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Thomas Lally, Acting Deputy Chief of Department McCarthy, Chiefs of Battalion Graham and Matschke and Acting Chiefs of Battalion Rieckenberg and Braisted.

Assistant Foreman George W. McGeary, of Hook and Ladder Company 58, while working at fire, was struck on stomach by a hand hole plate from a tank which had exploded. He was removed to St. Catherine's Hospital, where he died the next day. Foreman Marcus Fitzgerald, of Engine Company 132, was struck by a ¾-inch pipe, and had his leg fractured in two places.

The services of five engine and two hook and ladder companies, and one fire-boat were required, and the fire was under control in about three hours.

At 6.25 p. m., 6.27 p. m. and 6.36 p. m., respectively, special call, second alarm and special call were sent out.

April 21, 1.08 p. m., Station 613.

Fire occurred at Nos. 27 and 29 Belmont avenue, four-story and basement brick building, 50 by 125 feet, occupied as furniture store and warehouse.

Fire originated in the cellar and extended to all floors, totally destroying building and contents; also extended to No. 31 Belmont avenue, four-story frame building, 25 by 60 feet, occupied as furniture store and upper part as dwelling, considerably damaging building and contents; also extended to No. 33 Belmont avenue, four-story frame building, 25 by 65 feet, occupied as store and tenement, slightly damaging building and contents; also extended to two-story frame building in rear of No. 31 Belmont avenue, 20 by 20 feet, occupied as furniture storehouse, considerably damaging building and contents; also extended to No. 28 Belmont avenue, three-story brick building, 25 by 80 feet, occupied as store and dwelling, slightly scorching building; also extended to No. 30 Belmont avenue, three-story frame building, 25 by 45 feet, occupied as store and dwelling, with trifling damage to building and contents; also extended to No. 34 Belmont avenue, two-story frame building, 20 by 45 feet, occupied as store and dwelling, with trifling damage to building; also extended to No. 111 Thatford avenue, three-story frame building, 20 by 40 feet, occupied as store and tenement, considerably damaging building and contents; also extended to No. 109 Thatford avenue, three-story frame building, 25 by 60 feet, occupied as store and tenement, damaging building and contents slightly; also extended to No. 107 Thatford avenue, three-story frame building, 20 by 45 feet, occupied as store and tenement, slightly damaging building and contents; also extended to No. 105 Thatford avenue, three-story frame building, 25 by 125 feet, occupied as a hall and dwelling, with trifling damage to building; also extended to No. 112 Thatford avenue, two-story frame building, 20 by 45 feet, occupied as store and dwelling, with trifling damage to building; also extended to No. 114 Thatford avenue, two-story frame building, 20 by 35 feet, occupied as store and dwelling, with trifling damage to building and contents; also extended to No. 116 Thatford avenue, three-story frame building, 25 by 55 feet, occupied as store and tenement, considerably damaging building and contents; also extended to No. 118 Thatford avenue, three-story frame building, 25 by 55 feet, occupied as store and tenement, considerably damaging building and contents; also extended to No. 120 Thatford avenue, three-story brick building, 25 by 55 feet, occupied as tenement, slightly damaging building and contents; also extended to No. 122 Thatford avenue, three-story brick building, 25 by 55 feet, occupied as tenement, slightly damaging building and contents; also extended to No. 124 Thatford avenue, three-story brick building, 25 by 60 feet, occupied as store and tenement, slightly damaging building and contents; also extended to No. 128 Thatford avenue, three-story frame building, 25 by 45 feet, occupied as store and tenement, with trifling damage to building.

Chief officers present were Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Thomas Lally, Acting Deputy Chief of Department Thomas, Chiefs of Battalion Matschke, O'Hara and McGroarty, and Acting Chief of Battalion McKenna.

The services of twelve engine and three hook and ladder companies were required, and the fire was under control in about one and one-half hours.

At 1.10 p. m., 1.13 p. m. and 1.22 p. m., respectively, second, third and fourth alarms were sent out.

June 8, 8.51 a. m., Station 258.

Fire occurred at southeast corner of Conover and Reid streets, one-story brick building, 100 by 175 feet, occupied as cotton storehouse, etc.

Fire originated on first floor, extending throughout same, damaging building and contents considerably.

Chief officers present were Deputy Chief of Department acting in charge Boroughs of Brooklyn and Queens Frank J. Duffy, Chiefs of Battalion Cummings, Dooley, Root and Kenlon, and Acting Chief of Battalion O'Connor.

Fireman first grade John Carbus, of Engine Company 102, while working at fire was injured by roof falling on him, and died the next day in St. Peter's Hospital. Seven other members of Department received injuries at fire.

The services of nine engine and four hook and ladder companies and two fire-boats were required, and the fire was under control in about two and three-fourths hours.

At 8.57 a. m., third alarm was sent out.

June 10, 3.50 a. m., Station 414.

Fire occurred at Nos. 33 to 37 South Tenth street, five-story brick building, 75 by 140 feet, occupied as a casket factory.

Fire originated in the cellar and extended to all floors, destroying building and contents; also extended to No. 39 South Tenth street, a four-story brick building, 25 by 100 feet, occupied as casket factory, destroying building and contents; also extended to No. 34 South Ninth street, a five-story brick building, 25 by 90 feet, occupied as casket factory, destroying building and contents; also extended to Nos. 36 and 38 South Ninth street, a five-story brick building, 50 by 40 feet, occupied as casket factory, considerably damaging building and contents; also extended to No. 40 South Ninth street, a three-story frame building, 25 by 30 feet, occupied as dwelling, considerably damaging building and contents; also extended to No. 42 South Ninth street, a three-story frame building, 25 by 30 feet, occupied as dwelling, considerably damaging building and contents; also extended to No. 44 South Ninth street, a three-story frame building, 25 by 30 feet, occupied as dwelling, considerably damaging building and contents; also extended to No. 46 South Ninth street, a three-story brick building, 25 by 30 feet, occupied as dwelling, slightly damaging building, and with trifling damage to contents; also extended to Nos. 37 to 47 South Ninth street, occupied as tinware factory, five-story brick building, 104 by 120 feet, considerably damaging building and contents; also extended to No. 49 South Ninth street, three-story brick building, 25 by 80 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 51 South Ninth street, three-story brick building, 20 by 40 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 53 South Ninth street, four-story brick building, 20 by 45 feet, occupied as dwelling, slightly damaging building; also extended to No. 55 South Ninth street, four-story brick building, 20 by 45 feet, occupied as dwelling, slightly damaging building; also extended to No. 57 South Ninth street, four-story brick building, 20 by 45 feet, occupied as dwelling, slightly damaging building; also extended to No. 30 South Ninth street, four-story frame building, 25 by 45 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 32 South Ninth street, four-story frame building, 25 by 45 feet, occupied as dwelling, considerably damaging building and contents; also extended to No. 490 Wythe avenue, two-story frame building, 20 by 25 feet, occupied as store and dwelling, considerably damaging building, and slightly damaging contents; also extended to No. 498 Wythe avenue, four-story brick building, 25 by 45 feet, occupied as dwelling, considerably damaging building and contents; also extended to No. 43 South Tenth street, four-story frame building, 25 by 45 feet, occupied as store and dwelling, slightly damaging building and contents; also extended to No. 41 South Tenth street, four-story frame building, 20 by 45 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 506 Wythe avenue, three-story brick building, 25 by 50 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 36 South Tenth street, three-story brick building, 20 by 40 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 461 Wythe avenue, three-story brick building, 20 by 25 feet, occupied as dwelling, slightly damaging building; also extended to No. 56 South Ninth street, four-story brick building, 25 by 75 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 87 South Ninth street, four-story brick building, occupied as dwelling, slightly damaging building and contents; also extended to No. 32 South Tenth street, one-story brick building, 25 by 100 feet, occupied as pump works, slightly damaging building; also extended to No. 411 Bedford avenue, three-story iron building, 25 by 75 feet, occupied as wholesale liquor warehouse, damaging awning on front of building and trifling damage to contents; also extended to No. 420 Bedford avenue, three-story iron building, occupied as store and dwelling, damaging awning in front of building, and trifling damage to contents; also extended to No. 409 Bedford avenue, three-story brick building, 20 by 40 feet, occupied by florist, damaging awning on front of building, trifling damage to contents.

Chief officers present were Deputy and Acting Chief of Department Binns, Deputy Chief of Department in charge boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Duffy, Acting Deputy Chief of Department McCarthy, Chiefs of Battalion Graham, W. C. Rogers and Kenlon, and Acting Chiefs of Battalion Friel and Rieckenberg.

The services of eighteen engine and three hook and ladder companies, two fire-boats and one water tower were required, and the fire was under control in about two hours.

At 3.56 a. m., 3.58 a. m., and 4.19 a. m., respectively, third and fourth alarms and a special call were sent out.

June 10, 11.21 p. m., Station 568.

Fire occurred at Nos. 11 and 13 Rockaway avenue and Nos. 1720 to 1728 Broadway, three-story brick building, 175 by 100 feet, occupied as a department store.

Fire originated on the third floor and was confined to same, considerably damaging building and contents. A separate fire was also discovered in the cellar of same building, No. 11 Rockaway avenue, occupied as shipping department, slightly damaging building and considerably damaging contents.

Chief officers present were Deputy and Acting Chief of Department Binns, Deputy Chief of Department in charge boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Duffy, Acting Deputy Chief of Department Thomas, Chiefs of Battalion O'Hara, McGroarty and Matschke, and Acting Chief of Battalion McKenna.

The services of fourteen engine and five hook and ladder companies were required, and the fire was under control in about one and one-half hours.

At 11.25 p. m., 11.28 p. m., 11.36 p. m., and 11.57 p. m., respectively, second, third, fourth alarms, and special call, were sent out.

July 1, 2.58 a. m., Station 648.

Fire occurred at No. 299 Devoe street, three-story frame building, 25 by 60 feet, occupied as bakery and dwelling.

Fire originated in hallway on first floor and extended to second and third floors and roof by way of stairway, considerably damaging building and contents.

Chief Officers present were Deputy Chief of Department in charge boroughs of Brooklyn and Queens Lally, Acting Deputy Chief of Department McCarthy, Chiefs of Battalion Graham and Matschke, and Acting Chief of Battalion McKenna.

The services of three engine and two hook and ladder companies were required, and the fire was under control in about twenty minutes.

The bodies of three persons who were burned to death before the arrival of the Department were found on the third floor.

At 3.09 a. m., second alarm was sent out.

October 5, 12.07 a. m., Station 376.

Fire occurred at No. 280 Reid avenue, four-story brick building, 30 by 80 feet, occupied as store and apartment house.

Fire originated on first floor and extended through dumbwaiter shaft and stair well to roof, considerably damaging building and contents.

Chief officers present were Chief of Department Croker, Deputy Chief of Department in charge boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Gooderson, Chiefs of Battalion McGroarty, Matschke, Farrell and Acting Chief of Battalion Braisted.

The services of eight engine and two hook and ladder companies were required, and the fire was under control in about thirty minutes.

Three children were burned to death, and several persons badly burned and removed to hospitals. A considerable number of persons were rescued from the burning building by way of fire escapes and ladders of Department.

At 12.12 a. m. and 12.16 a. m., second and third alarms were sent out.

October 4, 4.33 a. m., Station 475.

Fire occurred at Nos. 35 to 43 Seigel street, six-story brick building, 50 by 100 feet, occupied as clothing factory.

Fire originated on the second floor, and extended by way of stairwell to third, fourth, fifth and sixth floors, considerably damaging building and contents; also ex-



tended to No. 38 Leonard street, two-story frame building, 20 by 20 feet, occupied as dwelling, slightly damaging building and contents.

Chief Officers present were Chief of Department Croker, Deputy Chief of Department in charge boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Burns, Chiefs of Battalion Graham and Matschke, and Acting Chiefs of Battalion Friel and Rieckenberg.

The services of twelve engine and four hook and ladder companies were required, and the fire was under control in about one hour.

At 4.39 a. m., 4.40 a. m., and 4.47 a. m., respectively, second, third and fourth alarms were sent out.

October 12, 10.14 p. m., Station 255.

Fire occurred at Nos. 18 and 20 Sackett street, four-story brick building, 40 by 90 feet, occupied as pipe foundry.

Fire originated on first floor and extended to a portion of second floor, considerably damaging building and contents; also extended to No. 13 Union street, two-story frame and brick building, 30 by 30 feet, occupied as liquor store and dwelling, with trifling damage to building and contents.

Chief officers present were Chief of Department Croker, Deputy Chief of Department in charge boroughs of Brooklyn and Queens Lally, Acting Deputy Chief of Department Cunningham, and Chiefs of Battalion Cummings, Dooley, Kirk, Geo. Rogers and Kenlon.

The services of nine engine and four hook and ladder companies, and one searchlight engine were required, and the fire was under control in about thirty-five minutes.

At 10.20 p. m., and 10.22 p. m., respectively, second and third alarms were sent out.

October 17, 11.18 p. m., Station 51.

Fire occurred at Nos. 38 and 40 Tiffany place, four-story brick building, 40 by 100 feet, occupied as printing ink factory.

Fire originated in cellar and extended to first and second floors, considerably damaging buildings and contents.

Chief officers present were Chief of Department Croker, Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Lally, Acting Deputy Chief of Department Cunningham, Chiefs of Battalion Cummings, Dooley, Kirk, and Acting Chief of Battalion Friel.

The services of six engine and four hook and ladder companies and searchlight engine were required, and the fire was under control in about thirty-five minutes.

At 11.20 p. m. and 11.41 p. m., respectively, second and third alarms were sent out.

November 13, 9.55 a. m., Station 472.

Fire occurred at Nos. 86 and 88 Meserole street, five-story brick building, 50 by 75 feet, occupied as glass factory.

Fire originated in the cellar and extended through elevator shaft to fifth floor, slightly damaging building and considerably damaging contents.

Chief officers present were Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Thomas Lally, Deputy Chief of Department Burns, Chiefs of Battalion Matschke and McCarthy and Acting Chiefs of Battalion Wm. J. McCarthy and Braisted.

The services of eight engine and four hook and ladder companies were required, and the fire was under control in about thirty minutes.

At 9.58 a. m. and 10.02 a. m., respectively, second and third alarms were sent out.

A large number of persons were rescued at this fire by members of this Department by means of fire escapes, fire ladders and life nets, fifteen persons being rescued by the last-named means.

November 10, 1.44 a. m., Station 585.

Fire occurred at Nos. 518 to 522 Broadway, lumber yard, 75 by 100 feet.

Fire extended throughout entire yard, considerably damaging same; extended to No. 524 Broadway, three-story frame building, 25 by 55 feet, occupied as store and dwelling, considerably damaging building and contents; also extended to No. 526 Broadway, one-story frame building, 40 by 60 feet, occupied as store, slightly damaging building and contents; also extended to Nos. 526 and 528 Broadway, rear, one-story frame building, 15 by 15 feet, occupied as stable, considerably damaging building and slightly damaging contents; also extended to No. 516 Broadway, three-story brick building, 20 by 45 feet, occupied as dwelling, considerably damaging building and contents; also extended to No. 514 Broadway, three-story brick building, 20 by 45 feet, occupied as dwelling, slightly damaging building and contents; also extended to No. 512 Broadway, three-story brick building, 20 by 45 feet, occupied as dwelling, with trifling damage to building and contents; also extended to Nos. 286 to 280 Heyward street, four-story brick building, 50 by 150 feet, occupied as public school, slightly damaging building and contents.

Chief officers present were Chief of Department Croker, Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Burns, Acting Deputy Chief of Department McCarthy, Chiefs of Battalion Cunningham and Matschke and Acting Chief of Battalion Rieckenberg.

The services of nine engine and four hook and ladder companies were required, and the fire was under control in about one hour.

At 1.50 a. m. and 1.51 a. m., respectively, second and third alarms were sent out.

November 27, 9.55 a. m., Station 635.

Fire occurred at Nos. 190 and 192 Snediker avenue, one-story frame building, 25 by 40 feet, occupied as stable.

Fire originated on first floor and extended throughout building, considerably damaging building and slightly damaging contents; also extended to Nos. 1912 to 1916 Pitkin avenues, three-story frame building, 60 by 100 feet, occupied as sash and door factory, considerably damaging building and contents; also extended to Nos. 285 and 287 Van Sinderen avenue, two-story brick building, 30 by 100 feet, occupied as sash and door factory, considerably damaging building and contents; also extended to No. 283 Van Sinderen avenue, one-story frame building, 20 by 50 feet, occupied as carpenter shop, considerably damaging building and contents; also extended to No. 281 Van Sinderen avenue, one-story frame building, 20 by 40 feet, occupied as store-room for sashes and doors, considerably damaging building and contents; also extended to No. 202 Snediker avenue, one-story frame building, 15 by 20 feet, occupied as stable, considerably damaging building and slightly damaging contents; also extended to Nos. 194, 200, 206 Snediker avenue, two-story frame buildings, 25 by 55 feet each, occupied as dwellings, with trifling damage to buildings.

Chief officers present were Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Gooderson, Acting Deputy Chief of Department Thomas, Chiefs of Battalion Farrell, O'Hara, McGroarty and Matschke.

The services of nine engine and four hook and ladder companies were required, and the fire was under control in about one and one-half hours.

At 10.02 a. m. and 10.06 a. m., respectively, second and third alarms were sent out.

December 14, 1.58 a. m., Station 335.

Fire at Nos. 1249 and 1251 Bedford avenue, four-story brick building, 89 by 105 feet, occupied as stores and offices.

Fire originated on the first floor and extended to the fourth floor and roof, through pipe recesses, considerably damaging building and contents.

Chief officers present were Chief of Department Croker, Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Lally, Acting Deputy Chief of Department Cunningham, Chiefs of Battalion McGroarty, Dooley and Kellock and Acting Chief of Department Braisted.

The services of twelve engine and three hook and ladder companies were required and one water tower, and the fire was under control in about three hours.

At 2.03 a. m. and 2.15 a. m. respectively third and fourth alarms were sent out.

December 23, 1.05 a. m., Station 64.

Fire occurred at Nos. 52 to 58 Nassau street, three-story brick building, 80 by 75 feet, with an L on Adams street, 50 by 60 feet, Nos. 186 to 190, occupied as express office, storehouse and stable, considerably damaging building and contents.

Chief officers present were Chief of Department Croker, Deputy Chief of Department in charge Boroughs of Brooklyn and Queens Lally, Deputy Chief of Department Duffy, Chiefs of Battalion Dooley, Cummings, Cunningham and Kirk and Acting Chief of Battalion Fitzgerald.

The services of nine engine and four hook and ladder companies, one water tower and one searchlight engine were required, and the fire was under control in about one hour.

At 1.11 a. m. and 1.12 a. m. respectively second and third alarms were sent out.

#### ROLL OF MERIT.

Rescues at Personal Risk, in Line of Duty.

January 9, 1905. By Fireman second grade Richard R. Siegert, Engine Company 118. Fire at No. 1055 Broadway, 11.59 a. m., Station 314. A woman at third-story window was crying for help and Fireman Siegert was ordered to procure scaling ladder and rescue her. He reached the window by way of scaling ladder and was about to put his hand on windowsill when the woman threw herself on him in her excitement, almost precipitating both to the street. With great difficulty Fireman Siegert held her and then brought her safely to a shed on second floor, and then by way of Department ladder, which had meanwhile been raised, to the street. The name of Fireman second grade Richard R. Siegert has been placed on the Roll of Merit, in Class "D."

January 17, 1905. By Fireman first grade Frederick Schultz, Engine Company 116. Fire at No. 190 Meserole street, at 4.12 p. m., Station 456. On the arrival of Engine Company 116 the building was heavily charged with smoke, the fire having originated in and extended throughout the cellar and to hallway and stairs on first floor. Department ladders had been raised to front of building and occupants were being rescued, when suddenly a Mrs. Schuhle and her two children, Christie and Bertha, aged two and three years respectively, appeared at a window of the fourth floor crying frantically for help and for someone to catch her children, as she was about to throw them to the street. A 35-foot ladder had been raised directly under the window but was about four feet short of reaching the windowsill. Fireman Schultz, with another fireman, was ordered to ascend the ladder and rescue the woman and children. Fireman Schultz stood on the top rung of ladder and, holding windowsill with one hand, took the child which Mrs. Schuhle was holding out the window and passed it to another fireman, and then passed the other child out in the same manner to the same fireman, who carried them in his arms to the street in safety. Fireman Schultz then drew himself up to window, entered same and passed Mrs. Schuhle out to a fireman, who brought her safely to street. The name of Fireman first grade Frederick Schultz has been placed on the Roll of Merit, in Class "B."

February 11, 1905. By Fireman first grade Michael Brennan, Engine Company 103. Fire at No. 155 Columbia street, 3.25 a. m., Station 125. The fire was under good headway in rear of first floor, cutting off escape by rear fire-escape and charging house with heat and smoke, the apparatus being delayed by extremely heavy snow in the streets. A scream from the burning building was heard and Fireman Brennan, who was detailed as Driver to Chief of Twenty-second Battalion, was ordered to go through building by way of stairway. In the rear rooms on third floor he found Mrs. Jane Moore, aged sixty-five years, who was paralyzed, in bed, and Mrs. Ennis, aged twenty-seven years, unable to assist her, having become powerless from fright and the smoke and heat coming from first and second floors. Fireman Brennan picked up Mrs. Moore from bed, and with Mrs. Ennis holding his shoulders, brought both women to first floor in hallway, the engine companies having meantime arrived and holding fire in check with their lines. The name of Fireman first grade Michael Brennan has been placed on the Roll of Merit, in Class "B."

December 11, 1905. By Fireman first grade John H. Liddy, Engine Company 104. Fire at No. 187 President street, 4.59 p. m., Station 951. Fireman Liddy went to fourth floor window by ladder and entered room, which was heavily charged with heat and smoke. He worked his way to an adjoining room and there found David Levi, aged twenty-one years, lying on the floor in an unconscious condition. The fire, which originated on the third floor, was rapidly being placed under control, and Fireman Liddy, with the assistance of two other firemen, was able to take the unconscious man down the stairway to the street, where Levi was attended by ambulance surgeon, and later removed to hospital. The name of Fireman first grade John H. Liddy has been ordered placed on the Roll of Merit, in Class "B."

#### Presentation of Medal.

Fireman first grade John W. Larkin, of Engine Company 106, was presented with the Brooklyn medal by his Honor Mayor George B. McClellan, at Fire Headquarters, Borough of Manhattan, on October 21, 1905, for rescuing John Walsh, age sixty-two years, from the third floor of burning building No. 153 Adams street, Borough of Brooklyn, at 1.33 a. m., January 1, 1904, Station 39.

Fireman Larkin entered the building, which was heavily charged with heat and smoke, and ascended the stairway to the third floor, and discovered John Walsh lying unconscious on the floor, his clothing on fire at the time. He carried him in his arms down the stairway to the street, his hands and rubber coat being burned. Walsh was removed to the hospital, where he died the following day from the effects of his burns.

On recommendation from the Chief of the Twenty-first Battalion, the name of Fireman first grade John W. Larkin, Engine Company 106, was placed on the Roll of Merit, in Class B, for meritorious services attended with personal risk.

#### Bureau of Combustibles.

Money received and turned over to the Relief Fund for licenses and permits issued, penalties collected, etc.

30 blasting explosives third class magazine licenses issued, at \$10.....	\$300 00
14 gunpowder, licenses for sale of, issued, at \$10.....	140 00
3 manufacturer of fireworks licenses issued, at \$100.....	300 00
5 wholesale fireworks licenses issued, at \$20.....	100 00
375 retail fireworks permits issued, at \$5.....	1,875 00
1 manufacturer, etc., matches license issued, at \$50.....	50 00
31 wholesale match licenses issued, at \$5.....	155 00
3,428 kerosene oil licenses issued, at \$10.....	34,280 00
48 street fire permits issued, at 50 cents.....	24 00
2,298 special permits issued, at \$2.....	4,596 00
343 special permits issued, at \$10.....	3,430 00
1 special permit issued, at \$20.....	20 00
12 special permits issued, at \$25.....	300 00
5 special permits issued, at \$100.....	500 00
32 certificates of fitness issued, at \$5.....	160 00

Total licenses, permits, etc., issued, 6,626..... \$46,230 00

100 chimney fire penalties, at \$5..... 500 00

Total penalties..... \$46,730 00

Total received and turned over to Relief Fund..... \$46,730 00



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

Complaints of Violations, etc.	Pending Decem-ber 31, 1904.	Received Since.	Total to be Disposed of.	Disposition.					Pending December 31, 1905.
				Complied on Notice.	Unfounded.	Penalties Col-lected.	Penalties Remitted.	Prosecution Recommended.	Total.
Chimney fires, violation of section 760, Greater New York Charter.....	....	280	280	....	....	100	117	47	364
Hoistways found open after close of business, violation of section 761, Greater New York Charter.....	....	....	....	....	....	....	....	....	....
Explosives found in violation of section 763, Greater New York Charter.....	....	....	....	....	....	....	....	....	....
Fireworks found in violation of section 764, Greater New York Charter.....	....	1	1	1	....	....	....	....	1
Petroleum and petroleum products found in violation of section 765, Greater New York Charter.....	51	462	513	463	38	....	....	....	501
Selling kerosene without license, violation of section 766, Greater New York Charter.....	20	185	205	202	3	....	....	....	205
Fire and lights on vessels transporting petroleum, etc., violation of section 768, Greater New York Charter.....	....	....	....	....	....	....	....	....	....
Chemicals and dangerous materials in violation of sec-tion 769, Greater New York Charter.....	....	150	150	135	15	....	....	....	150
Hay, straw and vegetable fibre in violation of section 770, Greater New York Charter.....	....	7	7	5	....	....	....	....	5
Dangerous conditions, violation of section 771, Greater New York Charter.....	....	200	200	190	10	....	....	....	200

Special surveys made to determine the fitness of premises for the storage of combustibles or explosive material..... 18,000  
Samples of kerosene oil collected and tested..... 229

Brooklyn, N. Y., February 16, 1906.

Hon. CHAS. C. WISE, Deputy Fire Commissioner, Boroughs of Brooklyn and Queens:  
Dear Sir—I transmit herewith the report of the Bureau of Fire Marshal, boroughs of Brooklyn and Queens, for the year ending December 31, 1905.  
I recommend that sufficient appropriation be made for the year 1907 so as to provide for the following staff:

- One Fire Marshal.
- Two Assistant Fire Marshals.
- Two Inspectors.
- One Clerk with a knowledge of Hebrew.
- One Clerk.
- One Stenographer.

This Bureau is in great need of two Patrolmen, skilled in the securing of legal evidence in arson cases, and I respectfully request that requisition be made on the Commissioner of Police to furnish same.

The records of this Bureau could both be improved and simplified by installing a "Card Index" system, as set forth in the reports of 1902-3. I respectfully call your attention to the great increase of the work of this Bureau since 1898, the year of con-solidation.

The appropriation for the year 1900 for this Bureau was \$13,800, and the office force consisted of the following:

- One Fire Marshal.
- Two Assistant Fire Marshals.
- Two Inspectors.
- One Clerk.
- One Stenographer.
- Two Patrolmen detailed from the Department of Police.

The population has increased about 450,000; the number of buildings over 45,000; the number of fires has increased over 1,200. The above ratio of increase will continue each year, and the necessity for increasing the working force of this Bureau is ap-parent.

Respectfully,

W. L. BEERS, Fire Marshal, Boroughs of Brooklyn and Queens.

Number of Fires.

Month.	Fires
January .....	418
February .....	326
March .....	320
April .....	352
May .....	386
June .....	310
July .....	344
August .....	238
September .....	282
October .....	336
November .....	362
December .....	418
Total.....	4,092
False alarms .....	318
Total.....	3,774

Number of False Alarms.

Month.	False Alarms.
January .....	30
February .....	19
March .....	30
April .....	32
May .....	30
June .....	20
July .....	36
August .....	16
September .....	31
October .....	34
November .....	18
December .....	22
Total.....	318

Average Loss Per Fire, Years 1898 to 1905.

Year.	Fires.	Loss.	Average Loss Per Fire.
1898 .....	2,203	\$1,031,699 00	\$468 32
1899 .....	2,660	3,818,471 00	1,435 51
1900 .....	2,694	2,121,939 00	787 65

Year.	Fires.	Loss.	Average Loss Per Fire.
1901 .....	2,681	2,932,839 00	1,093 93
1902 .....	2,861	2,487,580 00	869 48
1903 .....	3,259	2,836,179 00	870 26
1904 .....	3,599	3,136,580 00	871 51
1905 .....	3,774	2,107,559 00	558 44

Estimated Loss, Insured and Uninsured.

Month.	Losses Buildings and Vessels.	Loss on Contents.	Total Loss.
January .....	\$174,535 00	\$98,505 00	\$273,040 00
February .....	95,360 00	112,075 00	207,435 00
March .....	64,890 00	62,980 00	127,870 00
April .....	140,845 00	50,425 00	191,270 00
May .....	31,050 00	32,475 00	63,525 00
June .....	188,565 00	139,575 00	328,140 00
July .....	41,385 00	29,790 00	71,175 00
August .....	36,525 00	173,285 00	209,810 00
September .....	53,170 00	32,030 00	85,200 00
October .....	47,185 00	69,035 00	116,220 00
November .....	73,505 00	185,600 00	259,105 00
December .....	78,644 00	96,125 00	174,769 00
	\$1,025,659 00	\$1,081,900 00	\$2,107,559 00

Estimated Uninsured Loss.

Month.	Uninsured Losses on Buildings and Vessels.	Uninsured Losses on Contents.	Total.
January .....	\$7,430 00	\$38,405 00	\$45,835 00
February .....	5,445 00	7,080 00	12,525 00
March .....	12,950 00	3,920 00	16,870 00
April .....	29,180 00	8,250 00	37,430 00
May .....	4,715 00	2,225 00	6,940 00
June .....	1,730 00	4,570 00	6,300 00
July .....	2,200 00	3,530 00	5,730 00
August .....	2,830 00	3,115 00	5,945 00
September .....	27,590 00	13,460 00	41,050 00
October .....	3,490 00	2,605 00	6,095 00
November .....	5,965 00	104,650 00	110,615 00
December .....	15,440 00	9,355 00	24,795 00
	\$118,965 00	\$201,165 00	\$320,130 00

Estimated Insurance.

Month.	Insurance on Buildings and Vessels.	Insurance on Contents.	Total.
January .....	\$2,431,300 00	\$830,350 00	\$3,251,650 00
February .....	2,661,525 00	1,527,950 00	4,189,475 00
March .....	1,845,050 00	839,700 00	2,684,750 00
April .....	1,697,350 00	564,700 00	2,262,050 00
May .....	1,906,350 00	550,110 00	2,456,460 00
June .....	1,908,600 00	1,664,470 00	3,573,070 00
July .....	1,609,350 00	509,950 00	2,119,300 00
August .....	1,150,100 00	569,700 00	1,719,800 00
September .....	1,172,320 00	371,800 00	1,544,120 00
October .....	1,545,825 00	702,750 00	2,248,575 00
November .....	1,451,300 00	1,136,150 00	2,587,450 00
December .....	2,327,940 00	1,019,050 00	3,346,990 00
	\$21,697,010 00	\$10,286,680 00	\$31,983,690 00



Causes and Estimated Loss by Fire for the Year Ending December 31, 1905.  
BOROUGH OF BROOKLYN AND QUEENS.

Causes.	Fires.	Loss.
Alcohol, tar, pitch, gum, oils, paint, varnish, etc., igniting on stoves, furnaces, over gas lights, etc.	11	\$1,455 00
Ashes (hot), igniting woodwork, etc.	24	720 00
Bonfires (sparks from)	160	4,770 00
Chimneys, fireplaces, flues (defective), grates, etc., heat from, etc.	396	33,565 00
Calcium lights	3	4,505 00
Candles and tapers	124	19,883 00
Children playing with fire, matches, etc.	168	32,700 00
Cigars, cigarettes, pipes, etc. (smoking of)	198	100,523 00
Chemicals, etc. (igniting and explosion of)	4	265 00
Electric lights, wires, etc. (sparks from or defective)	108	17,545 00
Electricity (applied to machinery)	113	5,200 00
Explosion of turpentine on stove	5	2,470 00
Explosion in subways	3	.....
Explosion of coal gas	1	.....
Explosion of lampblack	1	.....
Fireworks	25	1,640 00
Friction of machinery	19	6,385 00
Fumigating (rooms, etc.) with sulphur, etc.	5	45 00
Films, celluloid, etc. (igniting of)	6	525 00
Gas stoves	50	8,045 00
Gas (explosion of and escaping)	18	2,000 00
Gas lights, igniting merchandise in stores, show windows, woodwork, etc.	71	11,410 00
Gas pipes (defective)	69	4,850 00
Inflammable material, mixtures, etc. (igniting)	9	1,180 00
Incendiarism	67	25,790 00
Kerosene oil (used in starting stove fires)	6	385 00
Kerosene oil (accidentally spilled over woodwork and ignited)	13	2,385 00
Lamps, kerosene, gasoline, etc. (explosion of)	56	22,455 00
Lamps, kerosene, gasoline, etc. (falling, breaking, upsetting, etc.)	92	9,180 00
Lamps, alcoholic, naphtha, etc. (falling, breaking, upsetting, etc.)	6	170 00
Lightning striking wooden structures and igniting same	14	155,990 00
Lime (slaking of)	9	20 00
Matches, igniting awnings, bedding, clothing, rubbish, straw, woodwork, etc.	603	167,975 00
Matches gnawed by rats or mice	54	12,745 00
Meats, fat, glue, etc. (igniting on stove)	45	6,675 00
Metals (hot) igniting woodwork, merchandise, etc.	12	1,555 00
Not ascertained	393	1,069,395 00
Naphtha, benzine or vapor igniting	28	62,230 00
Phosphorus, sulphur, etc., igniting	1	75 00
Powder explosions	6	4,345 00
Rekindling of previous fires	16	.....
Sparks from chimneys, stoves, stovepipes, etc., igniting clothing, woodwork, etc.	110	13,775 00
Sparks from other fires	8	65 00
Sparks from locomotives, engines, etc.	29	4,785 00
Steam pipes igniting beams or other woodwork	28	16,290 00
Stoves, boilers, furnaces, stovepipes, heater pipes, etc., igniting bedding, clothing, shavings and woodwork	170	134,891 00
Stoves, furnaces, grates, etc. (hot coals falling from)	19	3,885 00
Stoves, kerosene, gasoline, etc., exploding	38	14,155 00
Stoves, kerosene and gasoline, etc., falling and upsetting	52	6,177 00
Spontaneous combustion of oily rags, etc.	65	81,390 00
Thawing water and gas pipes with candles, lighted papers, torches, etc.	37	6,705 00
Tramps, vagrants and others lighting fires in bushes, woods, vacant lots, unoccupied buildings, etc.	20	5,715 00
Tar pot in street igniting	19	200 00
Vitriol, acids, spirits, etc., carboys, breaking or vapor igniting	1	.....
Vaseline, etc., igniting on stove	3	50 00
Workmen, tenants and others burning rubbish in fireplaces uncompleted	158	18,425 00
Whisky igniting on stove	5	.....
Total	3,774	\$2,107,559 00

## EXTENT OF LOSS AT FIRES.

## January, 1905.

	At Fires.
Nominal or less than.....	\$10 00 159
Between..... \$10 00 and 50 00	76
Between..... 50 00 and 100 00	27
Between..... 100 00 and 1,000 00	95
Between..... 1,000 00 and 5,000 00	25
Between..... 5,000 00 and 10,000 00	4
Between..... 10,000 00 and 20,000 00	1
Between..... 120,000 00 and 130,000 00	1
	388

## February, 1905.

	At Fires.
Nominal or less than.....	\$10 00 141
Between..... \$10 00 and 50 00	54
Between..... 50 00 and 100 00	22
Between..... 100 00 and 1,000 00	59
Between..... 1,000 00 and 5,000 00	23
Between..... 5,000 00 and 10,000 00	5
Between..... 10,000 00 and 20,000 00	2
Between..... 50,000 00 and 60,000 00	1
	307

## March, 1905.

	At Fires.
Nominal or less than.....	\$10 00 125
Between..... \$10 00 and 50 00	48
Between..... 50 00 and 100 00	28
Between..... 100 00 and 1,000 00	63
Between..... 1,000 00 and 5,000 00	18
Between..... 5,000 00 and 10,000 00	5
Between..... 10,000 00 and 20,000 00	3
	290

## April, 1905.

	At Fires.
Nominal or less than.....	\$10 00 177
Between..... \$10 00 and 50 00	53
Between..... 50 00 and 100 00	17
Between..... 100 00 and 1,000 00	57
Between..... 1,000 00 and 5,000 00	10
Between..... 5,000 00 and 10,000 00	3
Between..... 10,000 00 and 20,000 00	1
Between..... 40,000 00 and 50,000 00	1
Between..... 60,000 00 and 70,000 00	1
	320

## May, 1905.

	At Fires.
Nominal or less than.....	\$10 00 173
Between..... \$10 00 and 50 00	69
Between..... 50 00 and 100 00	23
Between..... 100 00 and 1,000 00	77
Between..... 1,000 00 and 5,000 00	14
	356

## June, 1905.

	At Fires.
Nominal or less than.....	\$10 00 139
Between..... \$10 00 and 50 00	48
Between..... 50 00 and 100 00	29
Between..... 100 00 and 1,000 00	56
Between..... 1,000 00 and 5,000 00	11
Between..... 5,000 00 and 10,000 00	4
Between..... 10,000 00 and 20,000 00	1
Between..... 50,000 00 and 60,000 00	1
Between..... 180,000 00 and 190,000 00	1
	290

## July, 1905.

	At Fires.
Nominal or less than.....	\$10 00 162
Between..... \$10 00 and 50 00	65
Between..... 50 00 and 100 00	24
Between..... 100 00 and 1,000 00	38
Between..... 1,000 00 and 5,000 00	18
Between..... 5,000 00 and 10,000 00	1
	308

## August, 1905.

	At Fires.
Nominal or less than.....	\$10 00 111
Between..... \$10 00 and 50 00	47
Between..... 50 00 and 100 00	15
Between..... 100 00 and 1,000 00	32
Between..... 1,000 00 and 5,000 00	14
Between..... 5,000 00 and 10,000 00	2
Between..... 150,000 00 and 160,000 00	1
	222

## September, 1905.

	At Fires.
Nominal or less than.....	\$10 00 123
Between..... \$10 00 and 50 00	43
Between..... 50 00 and 100 00	12
Between..... 100 00 and 1,000 00	61
Between..... 1,000 00 and 5,000 00	11
Between..... 30,000 00 and 40,000 00	1
	251

## October, 1905.

	At Fires.
Nominal or less than.....	\$10 00 164
Between..... \$10 00 and 50 00	45
Between..... 50 00 and 100 00	15
Between..... 100 00 and 1,000 00	58
Between..... 1,000 00 and 5,000 00	16
Between..... 5,000 00 and 10,000 00	1
Between..... 10,000 00 and 20,000 00	3
	302

## November, 1905.

	At Fires.
Nominal or less than.....	\$10 00 187
Between..... \$10 00 and 50 00	37
Between..... 50 00 and 100 00	28
Between..... 100 00 and 1,000 00	73
Between..... 1,000 00 and 5,000 00	14
Between..... 5,000 00 and 10,000 00	1
Between..... 10,000 00 and 20,000 00	2
Between..... 60,000 00 and 70,000 00	1
Between..... 80,000 00 and 90,000 00	1
	344



## December, 1905.

		At Fires.
Nominal or less than.....	\$10 00	184
Between.....	\$10 00 and 50 00	60
Between.....	50 00 and 100 00	28
Between.....	100 00 and 1,000 00	94
Between.....	1,000 00 and 5,000 00	24
Between.....	5,000 00 and 10,000 00	4
Between.....	20,000 00 and 30,000 00	1
Between.....	30,000 00 and 40,000 00	1
		396

## Extent of Loss at Fires, Year, 1905.

Nominal or less than.....	\$10 00	1,845	
Between.....	\$10 00 and 50 00	645	
Between.....	50 00 and 100 00	268	
Between.....	100 00 and 1,000 00	763	
Between.....	1,000 00 and 5,000 00	198	
Between.....	5,000 00 and 10,000 00	30	
Between.....	10,000 00 and 20,000 00	13	
Between.....	20,000 00 and 30,000 00	1	
Between.....	30,000 00 and 40,000 00	2	
Between.....	40,000 00 and 50,000 00	1	
Between.....	50,000 00 and 60,000 00	2	
Between.....	60,000 00 and 70,000 00	2	
Between.....	80,000 00 and 90,000 00	1	
Between.....	120,000 00 and 130,000 00	1	
Between.....	150,000 00 and 160,000 00	1	
Between.....	180,000 00 and 190,000 00	1	
Total.....		3,774	

## Year 1905.

Loss less than.....	\$10 00	at 1,845 fires
Loss less than.....	50 00	at 2,490 fires
Loss less than.....	100 00	at 2,758 fires
Loss less than.....	1,000 00	at 3,521 fires
Loss less than.....	5,000 00	at 3,719 fires
Loss less than.....	10,000 00	at 3,749 fires
Loss less than.....	20,000 00	at 3,762 fires
Loss less than.....	30,000 00	at 3,763 fires
Loss less than.....	40,000 00	at 3,765 fires
Loss less than.....	50,000 00	at 3,766 fires
Loss less than.....	60,000 00	at 3,768 fires
Loss less than.....	70,000 00	at 3,770 fires
Loss less than.....	90,000 00	at 3,771 fires
Loss less than.....	130,000 00	at 3,772 fires
Loss less than.....	160,000 00	at 3,773 fires
Loss less than.....	190,000 00	at 3,774 fires

## Percentage to Whole Number of Fires During Year.

Loss less than.....	\$10 00	at 1,845 fires, 49%
Loss less than.....	50 00	at 645 fires, 17%
Loss less than.....	100 00	at 268 fires, 7%
Loss less than.....	1,000 00	at 763 fires, 20%
Loss less than.....	5,000 00	at 198 fires, 5%
Loss less than.....	10,000 00	at 30 fires, 1%
Loss less than.....	20,000 00	at 13 fires
Loss less than.....	30,000 00	at 1 fire
Loss less than.....	40,000 00	at 2 fires
Loss less than.....	50,000 00	at 1 fire
Loss less than.....	60,000 00	at 2 fires
Loss less than.....	70,000 00	at 2 fires
Loss less than.....	90,000 00	at 1 fire
Loss less than.....	130,000 00	at 1 fire
Loss less than.....	160,000 00	at 1 fire
Loss less than.....	190,000 00	at 1 fire
		3,774

## Comparison Between the Year 1904 and the Year 1905.

The report for the year 1904 shows that there were thirty-five hundred and ninety-nine (3,599) fires and three hundred and forty-eight (348) false alarms, making a total of three thousand nine hundred and forty-seven (3,947) fires and false alarms.

The report for the year 1905 shows that there were thirty-seven hundred and seventy-four (3,774) fires and three hundred and eighteen (318) false alarms, making a total of four thousand and ninety-two (4,092) fires and false alarms.

A comparison will show an increase of one hundred and seventy-five (175) fires, and a decrease of thirty (30) false alarms for the year 1905.

The total loss on buildings and vessels and their contents for the year 1904 exceeds the loss for the year 1905 by \$1,029,021.

Total loss for year 1904.....	\$3,136,582 00
Total loss for year 1905.....	2,107,559 00

Decrease in loss..... \$1,029,021 00

The uninsured loss on buildings and vessels and their contents for the year 1905 shows an increase of \$246,147, as compared with the year 1904.

Uninsured loss for the year 1905.....	\$320,130 00
Uninsured loss for the year 1904.....	173,983 00

Increase in loss for year 1905..... \$246,147 00

## Comparison of Losses at Fires Years 1904 and 1905.

	1904.	
First quarter .....	\$1,509,348 00	
Second quarter .....	447,234 00	
Third quarter .....	498,577 00	
Fourth quarter .....	581,421 00	
	\$3,136,580 00	

	1905.	
First quarter .....	\$608,345 00	
Second quarter .....	582,935 00	
Third quarter .....	366,185 00	
Fourth quarter .....	550,094 00	
	\$2,107,559 00	

Loss 1905 .....	\$2,107,559 00
Loss 1904 .....	3,136,580 00

Decrease for year 1905..... \$1,029,021 00

## COMPLAINTS AND INVESTIGATIONS, YEAR 1905.

## Origin of Complaints.

	No.
Anonymous .....	18
Apply at basement door.....	1
Bureau, Chief of Department.....	5
Bureau, Fire Marshal .....	2
Borough Hall .....	1
Citizens .....	162
Department of Health.....	1
Department of Police.....	1
Department of Water Supply, Gas and Electricity.....	2
Engine companies (Foremen of) .....	33
Iron Clad Manufacturing Company.....	1
Landlord .....	1
Neighbor .....	38
"One of the house".....	1
"One who lives there".....	1
Property owners .....	2
"Stranger" .....	1
Tenement House Commission.....	2
Tenants .....	41
"The writer" .....	1
Taxpayer .....	3
Unknown .....	3
Total .....	321

## Causes of Complaints.

	No.
Absence of lights in hallways .....	8
Boiling lard on premises .....	1
Building fires in yards, cellars and vacant lots.....	13
Careless use of benzine, naphtha, kerosene oil, etc.....	1
Careless use of kerosene oil lamps, candles, etc.....	4
Combustibles stored .....	5
Dangerous bake ovens .....	1
Dangerous buildings .....	6
Dangerous chimneys .....	35
Dangerous condition of buildings, cellars and yards.....	62
Dangerous electrical appliances .....	2
Dangerous fence .....	2
Dangerous fireboards .....	1
Dangerous furnace, boilers and engines .....	18
Dangerous and leaky gas pipes .....	5
Dangerous heaters, stoves and stove pipes .....	13
Defective flues .....	26
Defective hot air and steam pipes .....	5
Excelsior in cellar .....	2
Foul chimney .....	7
Hot ashes in cellar or roof .....	1
Locking exits .....	7
No fire escape .....	5
No ladder leading to roof .....	3
Obstructions hallways and fire escapes .....	17
Paints and oils stored in cellar .....	4
Rubbish in air shafts and dumb waiters .....	3
Rubbish in cellar, yards and premises .....	43
School over bakery .....	1
School, bakery and stable in same building .....	1
Sparks from smoke stack .....	4
Storage of benzine .....	4
Storage of boxes in yard .....	2
Storage of empty barrels and boxes in cellar .....	8
Varnish making .....	1
Total.....	321

## How Disposed Of.

	No.
Complied with .....	214
No cause for complaint .....	82
Referred to Bureau of Combustibles .....	1
Referred to Bureau of Violations and Auxiliary Appliances.....	1
Referred to Department of Buildings.....	6
Referred to Department of Police .....	5
Referred to Tenement House Commission.....	12
Total.....	321



## Indictments and Convictions for Arson, Incendiarism, etc.

Name.	Age.	Color.	Nativity.	Occupation.	Nature of Charge and Circumstances.	Nature of Indictment and Date.	When and of What Convicted.	Sentence and Remarks.
Daniel J. Langstaff.	39	White..	United States	.....	Setting fire to building, Nos. 28 and 30 South Elliott place, January 7, 1905.....	Arson, first degree; January 31, 1905.....	March 1, 1905.....	Committed to Kings Park, March 1, 1905, by Judge Crane.
Julius Berlowitz....	13	White..	United States	Schoolboy....	Throwing lighted paper in cellar of No. 127 Humboldt street, January 20, 1905.....	No indictment.....	Violation of Penal Code, section 675.....	Sentenced to twenty-five days in jail, by Judge Fitzgerald.
Harry Potter.....	25	White..	United States	Clerk.....	Setting fire to buildings, No. 248 Seventh avenue, January 23, 1905, and No. 332 Sixth avenue, January 21, 1905.....	Arson, second degree; January 30, 1905.....	March 30, 1905; arson, second degree.....	To Elmira Reformatory, March 30, 1905, by Judge Crane.
Richard Brown.....	26	Colored	United States	Laborer.....	Setting fire to building, No. 108 Schenectady avenue, February 6, 1905.....	.....	.....	Discharged, February 10, 1905, by Magistrate Furlong.
Nunzio Calli.....	16	White..	Italy.....	Barber.....	Setting fire to building, No. 152 Nevins street, February 21, 1905.....	Arson, first degree; March 3, 1905.....	March 13, 1905; arson, first degree.....	To Elmira Reformatory, March 13, 1905, by Judge Crane.
John Gibney.....	40	White..	Ireland.....	Laborer.....	Attempted arson, No. 446 Warren street, February 23, 1905.....	.....	.....	Discharged, March 3, 1905, by Magistrate Tighe.
Edward Olsen.....	29	White..	United States	Laborer.....	Setting fire to Nos. 92 and 94 Henry street, March 2, 1905.....	.....	.....	Discharged, March 9, 1905, by Magistrate Dooley.
Max Kabrofsky.....	34	White..	Russia.....	Laborer.....	Setting fire to No. 66 Gerry street, March 6, 1905.....	.....	.....	Discharged, March 7, 1905, by Magistrate Steers.
Solomon Wanzwag.	34	White..	Russia.....	Laborer.....	Setting fire to No. 66 Gerry street, March 6, 1905.....	.....	.....	Discharged, March 7, 1905, by Magistrate Steers.
Hyman Schulz.....	31	White..	Russia.....	Laborer.....	Setting fire to No. 436 Rockaway avenue, March 9, 1905; for murder, March 9, 1905.....	.....	.....	Discharged, March 21, 1905, by Magistrate Dooley.
Solomon Rothman..	26	White..	Russia.....	Laborer.....	Setting fire to No. 436 Rockaway avenue, March 9, 1905; for murder, March 9, 1905.....	.....	.....	Discharged, March 21, 1905, by Magistrate Dooley.
Martha Hill.....	30	Colored	United States	Servant.....	Setting fire to No. 329 Decatur street, March 10, 1905.....	Arson, first degree; March 27, 1905.....	.....	Acquitted, April 5, 1905, by jury.
Oliver P. Crane....	16	White..	United States	Schoolboy....	Setting fire to No. 60 Schermerhorn street, March 14, 1905.....	.....	.....	Discharged, March 16, 1905, by Magistrate Naumer.
Theodore Dua.....	56	White..	.....	Laborer.....	Setting fire to No. 313 Fortieth street, April 4, 1905.....	.....	.....	Discharged, April 18, 1905, by Magistrate Tighe.
Robert Kane.....	17	White..	United States	Laborer.....	Setting fire to barn at Whitestone, Long Island, May 5, 1905.....	.....	.....	Discharged by Magistrate Connorton.
John Rublisky.....	30	White..	Russia.....	Laborer.....	Setting fire to No. 66 Kent avenue, May 10, 1905.....	.....	.....	Grand Jury failed to indict, June 12, 1905.
Annie Rublisky.....	27	White..	Russia.....	Housekeeper.	Setting fire to No. 66 Kent avenue, May 10, 1905.....	.....	.....	Grand Jury failed to indict, June 12, 1905.
John Stankaweski..	31	White..	Russia.....	Laborer.....	Setting fire to No. 66 Kent avenue, May 10, 1905.....	.....	.....	Grand Jury failed to indict, June 12, 1905.
Daniel O'Brien....	12	White..	United States	Schoolboy....	Setting fire to Public School 15, June 12, 1905.....	.....	June 19, 1905; arson, second degree.....	Committed to Catholic Protectory, June 19, 1905, by Judge Fleming.
Max Berman.....	21	White..	Russia.....	Druggist....	Setting fire to No. 108 Concord street, June 27, 1905.....	.....	.....	Discharged, July 6, 1905, by Magistrate Dooley.
Frank Powell.....	24	White..	United States	Clerk.....	Setting fire to No. 211 Adams street, August 2, 1905.....	.....	.....	Discharged, August 10, 1905, by Magistrate Dooley.
Christina Bang....	28	White..	United States	Servant.....	Setting fire to No. 150 Hicks street, August 10, 1905.....	.....	.....	Discharged, August 15, 1905, by Magistrate Dooley.
Abraham Kauffman.	30	White..	Russia.....	Barkeeper..	Setting fire to No. 430 Osborn street, August 27, 1905.....	Arson, first degree, October 18, 1905.....	.....	Pending.
Mrs. A. Kauffman..	26	White..	Russia.....	Housekeeper.	Setting fire to No. 430 Osborn street, August 27, 1905.....	Arson, first degree; October 18, 1905.....	.....	Pending.
Lucina D'Angelo...	34	White..	Italy.....	Tailor.....	Setting fire to No. 81 Bartlett street, November 5, 1905.....	Arson, first degree; November 29, 1905.....	.....	Pending.
Joseph Levison....	36	White..	Russia.....	Laborer.....	Setting fire to No. 367 Sutter avenue, November 23, 1905.....	.....	.....	Discharged, December 6, 1905.
Louis Berness.....	40	White..	United States	Laborer.....	Setting fire to premises, Fulton and Hull avenues, Hollis, Long Island, November 23, 1905.....	.....	.....	Pending.
Patrick Kirby.....	38	White..	Ireland.....	Laborer.....	Setting fire to hotel barn, Hollis, Long Island, November 23, 1905.....	.....	.....	Discharged, November 10, 1905, by Magistrate Healy.
John Kierns.....	35	White..	United States	Laborer.....	Setting fire to building, No. 96 Whitestone avenue, Flushing, Long Island, November 25, 1905.....	.....	.....	Held for action of Grand Jury, having waived examination.
Mrs. M. King.....	34	White..	United States	Housekeeper.	Setting fire to premises, No. 679 Vanderbilt avenue, November 29, 1905.....	.....	.....	Discharged, January 15, 1906, by Magistrate Tighe.
Samuel Levine.....	23	White..	Russia.....	Laborer.....	Attempted arson, July 13, 1905..	.....	.....	Committed suicide, jumped from fifth floor of Police Headquarters Building.
John Donnelly.....	11	White..	United States	Schoolboy....	Setting fire to building, No. 156 Fourteenth street, October 6, 1905	.....	.....	Sentence suspended, October 7, 1905, by Judge Wilkins.

## Fire Alarm Telegraph.

Alarms and Calls—4,226 alarms and calls were received and transmitted, as follows:

First alarms.....	2,379	
Second alarms.....	105	
Third alarms.....	41	
Fourth alarms.....	8	
	2,534	
Still alarms.....	507	
Verbal alarms.....	878	
	1,385	
Special calls for companies.....	73	
Special calls for Insurance Patrol.....	1	
Ambulance calls.....	233	
	307	
	4,226	
From street boxes.....	2,063	
From special building boxes.....	30	
From Pneumatic Fire Alarm Company.....	34	
From Police Department.....	8	
From telephones.....	399	
	2,534	
Still alarms.....	507	
Verbal alarms.....	878	
	1,385	
Special calls for companies.....	73	
Special calls for Insurance Patrol.....	1	
Ambulance calls.....	233	
	307	
	4,226	

## Messages.

Received .....	133,253
Transmitted .....	142,185
	275,438

## Wire Mileage.

There are 1,006 $\frac{3}{8}$  miles of electrical conductors now in operation.

## Lines.

There were 33 $\frac{3}{4}$  miles of insulated copper wire used for repairs; 6 $\frac{1}{4}$  miles used for extension and 7 $\frac{1}{8}$  miles removed.

## Cables.

There were 750 feet 10-conductor submarine cable and 100 feet 10-conductor lead covered cable placed in service.

## Poles.

There are 3,436 poles the property of and in use by this department. This includes 1,336 poles the joint property of the Fire Department and the New York and New Jersey Telephone Company; 49 poles renewed, 33 added, 22 reset and 34 removed.

## Fire Alarm Boxes.

There were 16 fire alarm boxes added to the service during the year, as follows:

Class 2.....	6
Class 3.....	8
Class 4.....	2
	16

There are 1,394 fire alarm boxes in service on 33 circuits, as follows:

Class 1.....	835
Class 2.....	277
Class 3.....	233
Class 4.....	49
	1,394

	Alarms.			Total.
	Fires.	Indication of Fire.	Unnecessary.	
From Department street alarm boxes.....	2,131	99	94	2,324
Special Department telegraph signals.....	39	1	3	43
Verbally .....	1,596	63	11	1,670
Automatic telegraph .....	8	..	47	55
Total.....	3,774	163	155	4,092

## Number and Character of Alarms and Manner of Receipt.

Alarms were communicated by attaches of this Department.....	642
Alarms were communicated by attaches, Police Department.....	351
Alarms were communicated by district key-holders.....	1,014
Alarms were communicated by citizens, keyless .....	625
Alarms were communicated by all other means.....	1,460
Total.....	4,092



## Statistics of Fires.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
<b>In buildings—</b>													
Confined to point of starting....	303	242	219	234	254	224	234	174	184	225	248	308	2,849
Confined to building.....	36	25	27	17	22	21	16	7	19	28	29	35	282
Extended to other buildings....	14	12	13	7	12	6	10	8	10	8	16	8	124
In vessels.....	7	7	2	2	8	4	3	2	2	2	1	4	44
In places other than buildings and vessels .....	28	21	29	60	60	35	45	31	36	39	50	41	475
Total.....	388	307	290	320	356	290	308	222	251	302	344	396	3,774
<b>Extinguished without engine stream.</b>													
Extinguished with one engine stream	263	211	201	233	256	205	234	167	173	207	227	271	2,648
Extinguished with two or three engine streams .....	75	64	51	63	64	55	42	41	54	65	84	78	736
Extinguished with more than three engine streams .....	36	15	30	18	34	21	27	11	20	21	26	36	295
Total.....	14	17	8	6	2	9	5	3	4	9	7	11	95
Total.....	388	307	290	320	356	290	308	222	251	302	344	396	3,774
<b>Extent of damage to buildings and vessels—</b>													
Built mainly of brick, stone, or iron:													
Slight .....	105	78	75	63	74	79	67	52	41	60	77	113	884
Considerable .....	5	8	4	3	3	10	3	3	3	10	6	12	70
Destroyed .....	..	..	1	1	..	3	..	..	1	..	..	..	6
Built mainly of wood:													
Slight .....	146	116	102	106	123	114	114	76	96	102	113	106	1,314
Considerable .....	27	24	19	19	12	18	9	5	10	17	28	9	197
Destroyed .....	10	3	7	4	1	1	4	1	12	5	10	3	61
In vessels and places other than buildings and vessels.....	35	28	31	62	68	39	48	31	36	39	50	41	508
Total.....	328	257	239	258	281	264	245	168	199	233	284	284	3,040
Between 6 a. m. and 6 p. m.....	232	172	160	190	212	169	166	114	134	176	211	216	2,152
Between 6 p. m. and 6 a. m.....	156	135	130	130	144	121	142	108	117	126	133	180	1,622
Total each month.....	388	307	290	320	356	290	308	222	251	302	344	396	3,774

Water Consumption—27,349,328 gallons, of which 8,425,723 gallons were river water.

## Repair Shops.

## Repairs Made—

## Extensive:

To engines .....	72
To hose wagons .....	32
To hook and ladder trucks .....	50
To shop wagons .....	6
To Chiefs' wagons .....	80
To telegraph wagons .....	5
To ladders .....	12
To automobiles .....	26

## Ordinary—

To engines .....	285
To hose wagons .....	199
To hook and ladder trucks.....	251
To shop wagons .....	13
To Chiefs' wagons .....	253
To telegraph wagons .....	12
To ladders .....	27
To shut-off nozzles .....	30
To hose for fire extinguishers.....	31
To horse releasers .....	16
To heating apparatus .....	21
To platforms for 1½-inch hose .....	24
To automobiles .....	7

## Repairs by Wrecking Force—

To engines .....	23
To hose wagons .....	13
To hook and ladder trucks .....	9
To Chiefs' wagons .....	10

## Work Done at Company Quarters—

Repairs to buildings, extensive.....	61
Repairs to buildings, ordinary .....	92
Repairs to plumbing, extensive .....	49
Repairs to plumbing, ordinary .....	56
Repairs to tinning, extensive .....	21
Repairs to painting, extensive .....	1
Roofs painted .....	70
Roofs repaired .....	85
Floors caulked .....	15
New maple stall platforms .....	101
New maple stall gratings .....	58
Pairs small doors made and put up.....	3
Pairs window sashes made and put up.....	7
New house signs made and put up.....	5
New patent harness springs put up.....	17
New desks .....	3
Closets .....	6
Feed boxes .....	4
Harness weight boxes .....	13
Pay roll boxes .....	5
Step-ladders .....	10
Lights of glass put in .....	385
Galvanized iron leaders made and put up.....	23
Galvanized iron gutters made and put up.....	8
Galvanized iron joints leader pipe made and put up.....	65
Galvanized iron joints stovepipe made and put up.....	587
Galvanized iron chimney tops made and put up.....	10
Galvanized iron ash buckets.....	18
Galvanized iron crowns.....	6
Galvanized iron pump.....	1
New oil cans.....	84

Oil cans repaired.....	128
Lamps repaired .....	140
Pump springs repaired .....	35

## Repairs to hose—

Lengths of ¾-inch hose.....	9
Lengths of 1-inch hose.....	5
Lengths of 1½-inch hose.....	46
Lengths of 2½-inch hose.....	406
Lengths of 3½-inch hose.....	9
Lengths of 3-inch suction hose.....	6

## Harness—

New pieces made.....	2,008
Pieces repaired .....	1,906

## Repairs at Paint Shop—

Engine wheels touched up and painted.....	332
Hose wagon wheels touched up and painted.....	278
Hook and ladder truck wheel touched up and painted.....	198
Chiefs' wagon wheels touched up and painted.....	268
Chiefs' wagons painted complete.....	31
Chiefs wagons touched up.....	114
Shop wagons touched up.....	22
Shop wagons painted complete.....	1
Telegraph wagons touched up.....	22
Engines touched up.....	105
Hose wagons touched up.....	81
Hook and ladder trucks touched up.....	56
Fireboat painted complete.....	1
Engines striped and decorated.....	2
Pumps striped and decorated.....	2
Poles painted and varnished.....	89
Whiffletrees painted and varnished.....	50
Even bars painted and varnished.....	8
Shafts painted and varnished.....	57
Fire hooks.....	50
Scaling ladders .....	10
Extension and other ladders .....	44
Stepladders .....	10
Aprons for engines.....	26
Bags for engines, assorted.....	27
Axles for engines, assorted.....	60
Springs for engines, assorted.....	130
Harness hangers .....	38
Brake blocks .....	71
Clips .....	70
Hose platforms .....	24
Feed boxes .....	4
Pay-roll boxes .....	5
Cable boxes .....	21
Weight boxes .....	13
Desks .....	3
Closets .....	6
Numbers changed on apparatus .....	18
Large cross-arms for Telegraph Bureau.....	14
Small cross-arms for Telegraph Bureau.....	248
Railroad fixtures for Telegraph Bureau.....	27
Box backs for Telegraph Bureau.....	163
Box strips for Telegraph Bureau .....	60
Small doors for Telegraph Bureau.....	9
Sashes for Telegraph Bureau.....	14
Signs, assorted .....	37
Automobile, painted complete .....	1
Automobiles touched up .....	15
Automobile lamps lettered.....	10
Horse-collars painted .....	40
Miscellaneous .....	152



## Report of the Acting Assistant Superintendent of Buildings, Boroughs of Brooklyn and Queens.

Plans and specifications completed for extensive alterations to double house occupied by Engine Company 102 and Hook and Ladder Company 51, work about 65 per cent. complete.

Plans and specifications completed for a five-story store house on Myrtle avenue. Contract awarded, work 90 per cent. complete, on alterations to Engine Company 131.

Alterations to Hospital and Training Stables, work completed.

Plans complete, specifications nearly completed, for extensive alteration to quarters of Engine Company 133.

Plans and specifications for alterations, Engine Company 151 and Hook and Ladder Company 69, work 30 per cent. completed.

Plans and specifications for alterations, Engine Company 139, work completed.

Plans complete, specifications nearly complete, for alterations to Hook and Ladder Company 58.

Plans and specifications complete, estimates received, contract not awarded, alteration Hook and Ladder Company 53.

Plans in progress for a new engine house, Eleventh street, near Seventh avenue, Brooklyn.

Plans in progress for a new engine house, Ralph avenue, near Bergen street, Brooklyn.

Plans in progress for a new hook and ladder house, Union street and Seventh avenue, Brooklyn.

Plans and specifications completed for alterations to Headquarters Building, No. 365 Jay street, Brooklyn.

Specifications prepared for and work completed for extensive repairs to the following engine houses: 105, 110, 111, 114, 118, 124, 127, 137, 142, 145, 146, 147, 148, 149, 152, 154, 155, 160, 164, 165, Morris Park Engine Company 1 and Murray Hill Hose Company 4 and Hook and Ladder Companies 56, 57, 63, 64 and 65.

Specifications completed, work in progress, for extensive repairs to engine houses 103, 112 and 128.

Specification complete, work being estimated on, alterations Morris Park Hook and Ladder Company 1.

The above list does not include the work performed by installing the paid Department at Rockaway Beach, Arverne and Far Rockaway, which is complete.

## Hospital and Training Stables.

Horses on hand December 31, 1904	460
Purchased during the year	70
Received upon extension of paid system to Rockaway Beach	10
Received upon extension of paid system to Far Rockaway	7
Acquired from Chief of Rockaway Beach Department	2
Purchased from Chief of Rockaway Beach Department	1
	550

Died	17
Sold	29
	46

On hand December 31, 1905..... 504

Average number of horses, including volunteer system, on trial each day..... 10

Number of horses treated for various diseases during the year, at Hospital and Training Stables ..... 128

## Volunteer System.

Horses on hand December 31, 1904.....	83
Purchased during the year 1905.....	25
	108

Turned over to paid system on extension of said system to Rockaway Beach	10
Turned over to paid system on extension of said system to Far Rockaway	7
Sold during 1905	3
Died during 1905	2
	22

Total number of horses December 31, 1905..... 86

## Deaths of Horses.

No.	Color.	Cause of Death.
13.....	Black.....	Colic.
451.....	Bay.....	Lockjaw.
246.....	Sorrel.....	Dropped dead while responding to alarm.
757.....	Gray.....	Pleuro-pneumonia.
486.....	Bay.....	Spinal meningitis.
278.....	Bay.....	Pneumonia.
908.....	Bay.....	Destroyed by American Society for the Prevention of Cruelty to Animals.
953.....	Bay.....	Destroyed by American Society for the Prevention of Cruelty to Animals.
939.....	Bay.....	Blood poisoning.
340.....	Gray.....	Injuries.
946.....	Brown.....	Colic.
817.....	Gray.....	Unknown.
312.....	Bay.....	Destroyed by American Society for the Prevention of Cruelty to Animals.
771.....	Roan.....	Lockjaw.
869.....	Gray.....	Unknown.
924.....	Roan.....	Spinal meningitis.
1510.....	Brown.....	Inflammation of bowels.

## Report of Chief of Battalion in Charge of Supplies, Boroughs of Brooklyn and Queens.

Charged with receiving and examining, and the custody and issuing of forage, fuel, kerosene oil, bedsteads, bedding, furniture and general supplies, to the various quarters, companies and offices in the paid system within the Boroughs of Brooklyn and Queens, and the issuing of forage, coal, horse blankets and such other supplies as the Commissioner or Deputy Commissioner may from time to time order, to the Volunteer System in the Borough of Queens. The following statement shows in part the work done and transactions in and about the office and storeroom during the year ending December 31, 1905. Attention is respectfully called to the want of space in the storeroom for the proper handling and inspection of supplies therein. Notwithstanding the increase in number and variety of the supplies required in the service the storeroom space has been so diminished that the space left is inadequate. More space for storing and handling supplies is earnestly requested.

Communications written on Department business	599
Requisitions drawn and forwarded for approval, signature and record	144
Orders drawn in duplicate and original forwarded for signature	423
Bills examined, checked, stamped and forwarded for approval	699

All articles are separately and carefully examined when received, and, if found in all respects up to standard, are accepted, taken into stock, and an accurate account kept of each article; they are issued upon requisition only. There were 2,825 requisitions received from Engine and Hook and Ladder Companies, Deputy Chiefs, Chiefs of Battalion, and other officers. These requisitions are carefully scrutinized and recom-

mendation made that item be allowed (or disallowed), and, after approval, articles allowed are issued and invoiced, 1,846 invoices having been drawn. Articles when received are receipted for, and 1,846 receipts were drawn, sent out and returned.

The following articles were issued to company quarters and officers during the year:

## Forage, Paid System.

Hay, 2,174,136 pounds; oats, 1,866,720 pounds; bran, 242,500 pounds; straw, 523,753 pounds.

## Forage, Volunteer System.

Hay, 408,682 pounds; oats, 300,640 pounds; bran, 77,720 pounds; straw, 115,945 pounds.

## Fuel, Paid System.

Anthracite coal, 6,409 tons and 1,350 pounds; cannel coal, 31½ tons; wood, 5,050 sacks (50 pounds to the sack) and 10¾ cords.

## Fuel, Volunteer System.

Anthracite coal, 45 tons; cannel coal, 6 tons.

## Kerosene Oil, Paid System.

11,700 gallons.

## Miscellaneous Articles.

Miscellaneous supplies required for general equipment, to replace articles expended, worn out or condemned in quarters, companies and offices, Boroughs of Brooklyn and Queens, and such articles as may be ordered, by the Commissioner, to the Volunteer System, Borough of Queens, i. e. axle grease, axes, brushes, brooms, oak and rubber buckets, clocks, chamois skins, feather dusters, forks, Holloway, Babcock or other charges of fire extinguishers, hydrant pumps and hose, hydrant hose clamps, hose hoists, life belts, life guns, horse blankets, horse sheets, cocoa and rubber mats, sponges, step-ladders, laundry, castile and harness soap, waste, disinfectant, together with numerous other articles, and all blank forms, stationery, etc., are issued from this office and storeroom.

## Bureau of Violations and Auxiliary Fire Appliances.

Work done during the year in connection with installation of fire appliances, under provisions of section 762, chapter 378, Laws of 1897, as amended by chapter 466, Laws of 1901, and sections 102 and 109 of Building Code:

Reports received from Inspector of Buildings in outlying district of Queens.....	138
Semi-annual reports received from company commanders and examined.....	2,423
Inspections and reinspections.....	1,375
Communications received and disposed of.....	352
Notices served.....	640

Forwarded to Corporation Counsel.....	5
Complied with.....	427
Withdrawn.....	16
Not complied with—Public Schools.....	147
Awaiting reinspections.....	45
	640

## Notices served during the year resulted in installation of following appliances:

Standpipe equipment, including necessary connections and hose, together with means of supplying same, either by gravity tank or pump pressure, including outside Fire Department connections (buildings).....	7
Automatic sprinkler equipment with tank or pump connections, including outside Fire Department connections.....	7
Standpipe equipment, provided with outside Fire Department connection.....	1
Means of communicating alarms of fire direct to Fire Department Headquarters. Interior alarm systems, consisting of gongs, etc., to warn occupants of fire or other danger.....	63
Rope fire escapes (buildings).....	22
Metal buckets.....	1,469
Fire hooks.....	357
Fire axes.....	371
Three-gallon portable extinguishers.....	536
Other extinguishers.....	7

## Sanitary Statistics.

Number of cases of illness.....	514
Number of cases of injury.....	201
Total.....	715

Time lost—number of days for illness.....	7,446
Time lost—number of days for injuries.....	4,860

Total..... 12,306

Number of deaths from illness.....	11
Number of deaths from injuries.....	3

Total number of deaths in 1905..... 14

## Register of Officers of the Uniformed Force in Active Service on December 31 1905.

Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
Deputy Chiefs of Department.				
1. Thomas Lally.....	Fireman.....	Aug. 15, 1870	Assistant Foreman.....	Apr. 21, 1873
			Foreman.....	Nov. 1, 1881
			Chief of Battalion.....	May 1, 1884
			Deputy Chief of Department	Sept. 18, 1900
			Deputy Chief of Department in charge, Boroughs of Brooklyn and Queens.....	Jan. 19, 1904
2. Frank J. Duffy...	Fireman.....	July 7, 1880	Assistant Foreman.....	July 1, 1889
			Foreman.....	Apr. 27, 1892
			Chief of Battalion.....	July 1, 1899
			Deputy Chief of Department	Dec. 31, 1903
3. John J. Burns....	Private.....	Aug. 17, 1883	Assistant Foreman.....	Feb. 1, 1886
			Foreman.....	Apr. 20, 1894
			Chief of Battalion.....	Oct. 1, 1898
			Deputy Chief of Department	Aug. 14, 1903
4. Frederick W. Gooderson, Jr.....	Fireman.....	Oct. 13, 1879	Assistant Engineer.....	Apr. 1, 1880
			Assistant Foreman.....	May 23, 1883
			Foreman.....	May 3, 1884
			Chief of Battalion.....	Apr. 1, 1897
			Deputy Chief of Department	Aug. 14, 1903
5. James F. Murray..	Fireman.....	Sept. 1, 1878	Foreman.....	Oct. 22, 1881
			Assistant Chief.....	Mar. 27, 1894
			Deputy Chief of Department	Jan. 28, 1898



Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
Chiefs of Battalion.				
1. James Cummings..	Fireman.....	Apr. 2, 1885	Assistant Foreman.....	June 1, 1891
			Foreman .....	Jan. 15, 1894
			Chief of Battalion.....	Sept. 18, 1900
2. James Cunningham	Foreman.....	Sept. 15, 1869	District Engineer.....	Feb. 7, 1876
			Chief of Battalion.....	Jan. 28, 1898
3. William McCarthy.	Fireman.....	June 9, 1873	Foreman .....	July 1, 1885
			District Engineer.....	July 18, 1892
			Chief of Battalion.....	Jan. 28, 1898
4. Dennis McGroarty.	Fireman.....	Sept. 15, 1869	Foreman .....	July 10, 1872
			District Engineer.....	July 1, 1885
			Chief of Battalion.....	Jan. 28, 1898
5. 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
6. John J. Dooley....	Fireman.....	Oct. 1, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	July 1, 1889
			Chief of Battalion.....	July 21, 1902
7. James Kellock....	Fireman.....	Feb. 2, 1871	Foreman .....	July 1, 1885
			District Engineer.....	Jan. 20, 1896
			Chief of Battalion.....	Jan. 28, 1898
8. 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
9. William C. Clark..	Fireman.....	Aug. 18, 1884	Assistant Foreman.....	Jan. 5, 1893
			Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	July 21, 1902
10. Michael E. C. Graham .....	Fireman.....	Apr. 10, 1882	Assistant Foreman.....	Jan. 1, 1895
			Foreman .....	Apr. 3, 1896
			Chief of Battalion.....	Aug. 1, 1903
11. William C. Rogers.	Fireman.....	June 15, 1885	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	Dec. 9, 1895
			Chief of Battalion.....	Jan. 3, 1903
12. Patrick Maher, No. 1.....	Fireman.....	June 7, 1886	Engineer of Steamer.....	Nov. 22, 1889
			Assistant Foreman.....	Nov. 15, 1891
			Foreman .....	July 10, 1898
			Chief of Battalion.....	Aug. 14, 1903
13. Bernard A. Matschke	Fireman.....	Apr. 1, 1890	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Dec. 1, 1896
			Chief of Battalion.....	Dec. 31, 1903
14. Patrick H. Travers	Fireman.....	Dec. 19, 1872	Engineer of Steamer.....	Apr. 1, 1882
			Assistant Foreman.....	Dec. 12, 1894
			Foreman .....	Dec. 1, 1896
			Chief of Battalion.....	June 16, 1903
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. Patrick Nevins....	Fireman.....	July 1, 1875	Superintendent of Repair Shops .....	May 4, 1891
	Engineer.....	Apr. 17, 1882	Chief of Battalion.....	Apr. 1, 1899
17. Edward H. Heard.	Veterinary Surgeon.....	Apr. 1, 1886	Chief of Battalion.....	Apr. 1, 1899
18. John Murphy.....	Inspector.....	July 15, 1880	Superintendent of Supplies.	Apr. 30, 1884
			District Engineer.....	Apr. 1, 1896
			Chief of Battalion.....	Feb. 11, 1900
19. Henry P. Kirk....	Fireman.....	Sept. 11, 1893	Assistant Foreman.....	Mar. 5, 1896
			Foreman .....	Aug. 1, 1900
			Chief of Battalion.....	Mar. 18, 1905
20. John T. Farrell....	Driver.....	Feb. 11, 1887	Assistant Foreman.....	Feb. 1, 1896
			Foreman .....	Apr. 1, 1900
			Chief of Battalion.....	Mar. 18, 1905
21. George Rogers....	Fireman.....	June 15, 1885	Assistant Foreman.....	July 1, 1895
			Foreman .....	Dec. 15, 1897
			Chief of Battalion.....	Dec. 16, 1903
22. Edward S. Root..	Private.....	Dec. 20, 1886	Engineer of Steamer.....	Dec. 1, 1887
			Assistant Foreman.....	July 10, 1898
			Foreman .....	Aug. 1, 1901
			Chief of Battalion.....	Dec. 31, 1903
23. George L. Ross...	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Jan. 1, 1894
			Foreman .....	Dec. 1, 1897
			Chief of Battalion.....	July 15, 1900
1. James Connors....	Foreman.		Assistant Foreman.....	Mar. 1, 1887
	Fireman.....	Sept. 15, 1869	Foreman .....	June 9, 1891
2. Samuel Allcorn....	Fireman.....	Sept. 13, 1883	Assistant Foreman.....	June 1, 1895
			Foreman .....	Apr. 1, 1897
3. John J. Maguire...	Fireman.....	Nov. 1, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	Oct. 10, 1892
4. James Roberts....	Fireman.....	Apr. 22, 1878	Foreman .....	Jan. 1, 1886

a Resigned as Fireman April 17, 1882; reappointed Engineer April 17, 1882.

Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
5. Edward F. Conroy.	Fireman.....	Apr. 22, 1878	Assistant Foreman.....	July 1, 1889
			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. James Brennan....	Fireman.....	Sept. 15, 1869	Assistant Foreman.....	July 1, 1889
			Foreman .....	July 1, 1891
9. Thomas Cleary....	Fireman.....	Jan. 12, 1882	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	June 1, 1891
10. Michael McGinniss	Fireman.....	Apr. 1, 1881	Assistant Foreman.....	July 1, 1889
			Foreman .....	June 1, 1891
11. Edward Fitzgerald.	Fireman.....	Sept. 15, 1869	Foreman .....	Aug. 6, 1886
12. Pat. F. McGinniss.	Fireman.....	Aug. 15, 1870	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	July 1, 1889
13. Jos. J. McCormick	Fireman.....	June 16, 1871	Foreman .....	July 1, 1885
14. Hugh Gallagher...	Fireman.....	Nov. 30, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	July 1, 1889
15. Emmet Soden....	Fireman.....	Sept. 15, 1883	Assistant Foreman.....	June 1, 1891
			Foreman .....	Jan. 25, 1894
16. Patrick McGuire..	Fireman.....	June 11, 1883	Assistant Foreman.....	June 1, 1891
			Foreman .....	Jan. 15, 1894
17. Thomas Healy....	Fireman.....	Dec. 7, 1870	Foreman .....	Sept. 5, 1885
18. Edward Dougherty.	Fireman.....	Apr. 11, 1871	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	Dec. 1, 1891
19. Michael Murray...	Fireman.....	Jan. 20, 1872	Foreman .....	Aug. 5, 1886
20. John J. Ennis....	Fireman.....	Jan. 24, 1887	Assistant Foreman.....	June 1, 1891
			Foreman .....	Jan. 15, 1894
21. Marcus Fitzgerald.	Fireman.....	Jan. 18, 1882	Assistant Foreman.....	Feb. 13, 1892
			Foreman .....	Dec. 9, 1895
22. Peter W. Birck....	Inspector of Buildings... May 5, 1874		Foreman .....	May 29, 1880
	Inspector of Buildings... Sept. 15, 1879		Foreman .....	Oct. 13, 1888
23. John R. Braisted..	Fireman.....	Dec. 15, 1885	Assistant Foreman.....	Mar. 1, 1895
			Foreman .....	Dec. 1, 1896
24. John Hogarth....	Fireman.....	Feb. 16, 1887	Assistant Foreman.....	June 1, 1891
			Foreman .....	Jan. 20, 1896
25. Thomas F. Harrington .....	Fireman.....	Jan. 2, 1889	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Dec. 15, 1897
26. Henry Wackerman.	Fireman.....	Feb. 3, 1887	Assistant Foreman.....	June 1, 1891
			Foreman .....	Jan. 15, 1894
27. John J. Callaghan.	Fireman.....	Dec. 15, 1885	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Dec. 15, 1897
28. Charles D. Ruddy.	Fireman.....	Dec. 19, 1872	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	July 1, 1889
29. Michael Marks...	Fireman.....	Jan. 2, 1889	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Dec. 15, 1897
30. Edwin A. Thomson	Fireman.....	Feb. 11, 1891	Assistant Foreman.....	Dec. 9, 1895
			Foreman .....	Dec. 15, 1897
31. Andrew W. Beith.	Fireman.....	Apr. 7, 1885	Engineer .....	Oct. 1, 1893
			Assistant Foreman.....	Dec. 12, 1894
			Foreman .....	Dec. 1, 1896
32. Charles F. Connolly	Fireman.....	Jan. 2, 1889	Assistant Foreman.....	July 1, 1895
			Foreman .....	Dec. 1, 1896
33. Charles E. Costello	Fireman.....	Apr. 1, 1885	Assistant Foreman.....	Oct. 10, 1892
			Foreman .....	Oct. 1, 1895
34. Robert Reardon... c	Fireman.....	Nov. 30, 1880	Engineer .....	Mar. 1, 1886
	Fireman.....	June 1, 1883	Assistant Foreman.....	Dec. 9, 1895
			Foreman .....	Dec. 15, 1897
35. Lester A. Roberts.	Fireman.....	Apr. 1, 1885	Assistant Foreman.....	Dec. 9, 1895
			Foreman .....	Dec. 10, 1896
36. Francis H. Molloy.	Fireman.....	Dec. 28, 1876	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Dec. 1, 1896
37. William H. Brown	Fireman.....	June 15, 1887	Assistant Foreman.....	Dec. 13, 1892
			Foreman .....	Dec. 15, 1897
38. Henry B. Burtis..	Fireman.....	Oct. 1, 1897	Assistant Foreman.....	July 15, 1895
			Foreman .....	Jan. 4, 1897
39. Michael Friel....	Fireman.....	Oct. 11, 1871	Foreman .....	Aug. 6, 1886
40. John Fitzgerald...	Fireman.....	Jan. 1, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	Feb. 11, 1890
41. Martin F. Brady..	Fireman.....	Jan. 18, 1882	Assistant Foreman.....	Aug. 11, 1892
			Foreman .....	Dec. 9, 1895
42. Peter Campbell...	Fireman.....	Sept. 15, 1869	Foreman .....	Mar. 20, 1883
43. Michael Quinn... d	Fireman.....	Dec. 23, 1869	Foreman .....	Sept. 25, 1872
	Foreman.....	Sept. 18, 1879		
44. Frank L. Woods..	Fireman.....	June 15, 1885	Assistant Foreman.....	Dec. 9, 1895
			Foreman .....	Dec. 15, 1897
45. Alex. J. Sheridan.	Fireman.....	July 1, 1885	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	Jan. 15, 1894

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

c Dismissed March 9, 1883; reappointed June 1, 1883.

d Dismissed September 17, 1878; reinstated September 18, 1879.



Original Appointment.					Promotion.				
Name.	Grade.	Date.	Grades.	Dates.	Name.	Grade.	Date.	Grades.	Dates.
46. Michael J. Nagle..	Engineer.....	June 1, 1892	Foreman .....	Nov. 30, 1897	87. John Maley.....	Fireman.....	Nov. 24, 1897	Foreman .....	Nov. 30, 1897
47. Robert B. McPhail	Driver.....	Feb. 12, 1891	Foreman .....	Nov. 30, 1897	88. Daniel F. Shea....	Fireman.....	Nov. 24, 1897	Foreman .....	Nov. 30, 1897
48. George L. Brown..	Fireman.....	Feb. 12, 1891	Foreman .....	Nov. 30, 1897	89. James T. Geatons.	Fireman.....	Aug. 1, 1889	Assistant Foreman.....	Apr. 1, 1897
49. Benjamin Z. Boyd.	Driver.....	Mar. 1, 1892	Foreman .....	Dec. 18, 1894				Foreman .....	Sept. 22, 1903
50. Michael J. Cannon.	Fireman.....	Feb. 12, 1891	Foreman .....	Nov. 30, 1897	90. Abraham L. Turner	Fireman.....	July 1, 1892	Assistant Foreman.....	Dec. 15, 1897
51. John J. Slattery...	Driver.....	July 7, 1896	Foreman .....	Nov. 30, 1897				Foreman .....	Jan. 10, 1903
52. George H. Smythe..	Fireman.....	June 11, 1894			91. Wm. J. McCarthy.	Fireman.....	June 7, 1886	Engineer of Steamer.....	Oct. 1, 1894
	Foreman.....	Apr. 2, 1898						Assistant Foreman.....	Aug. 1, 1900
53. Thomas McKeon..	Driver.....	July 7, 1896	Foreman .....	Nov. 30, 1897				Foreman .....	Dec. 31, 1903
54. William H. Holmes	Fireman.....	Jan. 1, 1883	Engineer .....	June 17, 1885	92. William J. Walsh.	Fireman.....	May 1, 1892	Engineer of Steamer.....	Aug. 10, 1895
			Assistant Foreman.....	Dec. 15, 1897				Assistant Foreman.....	July 21, 1902
			Foreman .....	Sept. 1, 1900				Foreman .....	Dec. 17, 1903
55. Charles H. Furey.	Fireman.....	Nov. 16, 1891	Assistant Foreman.....	Apr. 1, 1897	93. Henry T. Geiger..	Fireman.....	Nov. 17, 1890	Assistant Foreman.....	Jan. 20, 1896
			Foreman .....	Aug. 1, 1900				Foreman .....	Oct. 1, 1903
56. John Clunie.....	Fireman.....	July 21, 1890	Assistant Foreman.....	Dec. 1, 1896	94. Daniel J. Cahill...	Driver.....	June 15, 1887	Assistant Foreman.....	Oct. 1, 1900
			Foreman .....	Sept. 1, 1900				Foreman .....	Aug. 15, 1903
57. John F. Scanlon..	Fireman.....	July 1, 1892	Assistant Foreman.....	Dec. 15, 1897	95. Christopher F. Shaw	Fireman.....	Oct. 14, 1890	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	Sept. 1, 1900				Foreman .....	Dec. 17, 1903
58. Patrick J. Golden.	Fireman.....	June 1, 1889	Assistant Foreman.....	Feb. 1, 1896	96. Patrick T. Lenihan	Fireman.....	July 10, 1893	Engineer of Steamer.....	Feb. 15, 1896
			Foreman .....	Sept. 1, 1900				Assistant Foreman.....	Dec. 1, 1901
59. Eugene J. McKenna	Fireman.....	Nov. 16, 1891	Assistant Foreman.....	Jan. 4, 1897				Foreman .....	July 1, 1904
			Foreman .....	Aug. 1, 1900	97. William H. Quinn.	Fireman.....	Dec. 19, 1874	Assistant Foreman.....	Jan. 1, 1895
60. John J. Donohue..	Fireman.....	July 15, 1889	Assistant Foreman.....	Dec. 1, 1896				Foreman .....	Apr. 13, 1896
			Foreman .....	Sept. 1, 1900	98. Charles J. McCartie	Fireman.....	Apr. 22, 1894	Assistant Foreman.....	Aug. 1, 1901
61. Henry W. Riecken-	Fireman.....	Nov. 16, 1891	Assistant Foreman.....	Jan. 20, 1896				Foreman .....	Aug. 15, 1903
berg.....			Foreman .....	Aug. 1, 1900	99. Timothy J. Mc-	Fireman.....	July 10, 1893	Assistant Foreman.....	Aug. 1, 1900
62. Thos. F. O'Connor	Fireman.....	July 15, 1889	Assistant Foreman.....	Feb. 1, 1896	Auliffe.....			Foreman .....	Dec. 31, 1903
			Foreman .....	Aug. 1, 1900	Assistant Foremen.				
63. James Reilly.....	Fireman.....	June 15, 1885	Assistant Foreman.....	Jan. 20, 1896	1. William H. Dennin	Fireman.....	Oct. 1, 1883	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Aug. 1, 1900	2. John Friel.....	Fireman.....	Sept. 15, 1869	Assistant Foreman.....	Dec. 1, 1896
64. Martin J. Smith...	Fireman.....	Apr. 16, 1890	Assistant Foreman.....	Dec. 15, 1897	3. Thomas F. Kain..	Fireman.....	Jan. 12, 1882	Assistant Foreman.....	Jan. 20, 1896
			Foreman .....	Aug. 1, 1900	4. John O'Brien....	Fireman.....	Jan. 1, 1878	Assistant Foreman.....	Feb. 11, 1890
65. James Langan....	Fireman.....	Oct. 14, 1887	Assistant Foreman.....	Jan. 15, 1894	5. Cornelius G. Fagan	Fireman.....	Oct. 29, 1890	Assistant Foreman.....	Jan. 15, 1894
			Foreman .....	Apr. 1, 1900	6. John Matthews...	Bell Ringer...	July 13, 1880	Assistant Foreman.....	Dec. 15, 1897
66. Thomas J. McCue.	Fireman.....	Sept. 6, 1887	Assistant Foreman.....	Feb. 1, 1896	7. Patrick Hoynes...	Fireman.....	Nov. 15, 1881	Assistant Foreman.....	Mar. 1, 1887
			Foreman .....	Sept. 1, 1900	8. John Gorman....	Fireman.....	Jan. 23, 1882	Assistant Foreman.....	Dec. 15, 1897
67. John J. McGronen.	Fireman.....	Apr. 1, 1890	Assistant Foreman.....	Jan. 15, 1894	9. William C. Lloyd.	Fireman.....	July 1, 1892	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	June 8, 1901	10. William H. Berdan	Fireman.....	Sept. 9, 1878		
68. Edward J. Doyle..	Fireman.....	Jan. 11, 1893	Assistant Foreman.....	Dec. 15, 1897		Fireman.....	Apr. 17, 1882	Assistant Foreman.....	Dec. 1, 1895
			Foreman .....	June 8, 1901	11. James S. Pryor...	Fireman.....	Feb. 17, 1887	Assistant Foreman.....	Jan. 15, 1894
69. Patrick J. Kelly...	Fireman.....	Sept. 1, 1887	Assistant Foreman.....	Jan. 15, 1894	12. Frederick J. Wohl-	Fireman.....	Aug. 28, 1882	Assistant Foreman.....	Feb. 1, 1896
			Foreman .....	June 8, 1901	ber.....				
70. George F. Harrigan	Fireman.....	Aug. 11, 1891	Assistant Foreman.....	Feb. 1, 1896	13. Owen Savage....	Fireman.....	Sept. 11, 1893	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	June 8, 1901	14. Bryan, Rourke....	Fireman.....	July 18, 1871	Assistant Foreman.....	Jan. 15, 1894
71. Edward Karcher..	Fireman.....	June 15, 1885	Engineer .....	Sept. 15, 1895	15. Eugene O. Pownall	Fireman.....	Apr. 1, 1890	Assistant Foreman.....	Feb. 1, 1896
			Assistant Foreman.....	Dec. 15, 1897	16. William Dougherty	Fireman.....	Dec. 3, 1888	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	June 8, 1901	17. Michael Heffernan.	Fireman.....	Feb. 18, 1879	Assistant Foreman.....	July 15, 1895
72. Clatus Burke.....	Fireman.....	July 17, 1891	Assistant Foreman.....	Dec. 15, 1897	18. Henry W. Maloney	Fireman.....	June 15, 1885	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	Dec. 1, 1901	19. William J. Hamilton	Fireman.....	Apr. 17, 1893	Assistant Foreman.....	Dec. 15, 1897
73. Henry Platt.....	Fireman.....	Apr. 2, 1885	Assistant Foreman.....	Feb. 13, 1892	20. Charles F. Way...	Fireman.....	Feb. 11, 1891	Engineer .....	Feb. 1, 1895
			Foreman .....	Dec. 1, 1901				Assistant Foreman.....	Dec. 15, 1897
74. Cornelius Cunning-	Fireman.....	Oct. 7, 1886	Assistant Foreman.....	July 1, 1895	21. Daniel E. Kain...	Fireman.....	Jan. 30, 1882	Assistant Foreman.....	Jan. 15, 1894
ham.....			Foreman .....	July 21, 1902	22. Jerome R. Johnson	Fireman.....	Apr. 1, 1885	Engineer .....	Feb. 20, 1886
75. David H. McCly-	Fireman.....	May 1, 1883	Engineer .....	Nov. 1, 1883				Assistant Foreman.....	Feb. 1, 1896
mont.....			Assistant Foreman.....	Jan. 20, 1896	23. Charles Freudal...	Fireman.....	Jan. 2, 1889	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	July 21, 1902	24. John G. Tilley....	Fireman.....	Mar. 19, 1888	Assistant Foreman.....	Dec. 15, 1897
76. Louis T. Hauck...	Fireman.....	Aug. 11, 1891	Assistant Foreman.....	Feb. 1, 1896	25. William S. Lyon..	Fireman.....	Apr. 1, 1892	Engineer .....	July 1, 1895
			Foreman .....	July 21, 1902				Assistant Foreman.....	Dec. 15, 1897
77. George Lampert...	Fireman.....	June 25, 1889	Assistant Foreman.....	Dec. 15, 1897	26. John Fitzsimmons.	Fireman.....	Apr. 2, 1885	Assistant Foreman.....	Jan. 20, 1897
			Foreman .....	July 21, 1902	27. Russell G. Gardner	Fireman.....	Apr. 1, 1885	Assistant Foreman.....	Dec. 1, 1896
78. Francis C. Spillane	Fireman.....	Feb. 18, 1884	Assistant Foreman.....	July 1, 1889	28. Fred. W. Garvin..	Fireman.....	Sept. 11, 1893	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	July 21, 1902	29. Charles Heath, Jr.	Fireman.....	Sept. 1, 1885	Assistant Foreman.....	Dec. 9, 1897
79. James B. Campbell	Fireman.....	Apr. 1, 1892	Assistant Foreman.....	Dec. 15, 1897	30. Alexander Johnson	Fireman.....	Dec. 15, 1885	Engineer .....	Aug. 1, 1897
			Foreman .....	Dec. 17, 1903				Assistant Foreman.....	Dec. 15, 1897
80. John H. Kelly....	Fireman.....	Apr. 15, 1895	Assistant Foreman.....	Oct. 1, 1900	31. James J. Collins...	Fireman.....	Apr. 1, 1892	Assistant Foreman.....	Dec. 15, 1897
			Foreman .....	Dec. 31, 1903	32. John H. Gordon..	Fireman.....	Mar. 21, 1888	Assistant Foreman.....	Dec. 15, 1897
81. John H. Travers..	Fireman.....	Jan. 11, 1893	Engineer of Steamer.....	May 1, 1899	33. Edward E. Smith.	Fireman.....	Apr. 1, 1881	Assistant Foreman.....	Feb. 1, 1896
			Assistant Foreman.....	Aug. 1, 1900	34. John McKenna....	Fireman.....	Sept. 16, 1869	Assistant Foreman.....	June 1, 1890
			Foreman .....	Dec. 31, 1903	35. Joseph Kennedy...	Fireman.....	Jan. 11, 1893	Assistant Foreman.....	Dec. 15, 1897
82. John J. Shannon..	Fireman.....	Mar. 12, 1891	Assistant Foreman.....	Sept. 1, 1900	36. Charles E. Field..	Fireman.....	July 17, 1891	Assistant Foreman.....	Dec. 1, 1896
			Foreman .....	Dec. 31, 1903	37. John M. Ryan....	Fireman.....	June 12, 1889	Assistant Foreman.....	Dec. 1, 1895
83. Michael F. Judge..	Fireman.....	June 15, 1887	Assistant Foreman.....	June 1, 1891	38. Andrew Tennant..	Engineer.....	Sept. 15, 1869		
			Foreman .....	Aug. 15, 1903		Engineer.....	Dec. 17, 1883	Assistant Foreman.....	Dec. 15, 1897
84. William McCleary.	Fireman.....	Apr. 1, 1885	Assistant Foreman.....	Jan. 20, 1896	39. Charles E. Brown.	Fireman.....	Jan. 1, 1888	Engineer .....	Dec. 9, 1895
			Foreman .....	Aug. 15, 1903				Assistant Foreman.....	Dec. 15, 1897
85. Dennis F. Collins. f	Fireman.....	Nov. 24, 1897	Foreman .....	Dec. 30, 1897	40. John J. Deegan...	Fireman.....	Dec. 15, 1885	Assistant Foreman.....	Aug. 1, 1900
86. Charles M. Jensen g	Fireman.....	Nov. 24, 1897	Foreman .....	Nov. 26, 1897	41. Quincy J. Kraft...	Fireman.....	Jan. 2, 1889	Assistant Foreman.....	Aug. 1, 1900
					42. Patrick Murray...	Fireman.....	Mar. 8, 1888	Engineer .....	Mar. 1, 1900
								Assistant Foreman.....	Aug. 1, 1900

e Dismissed July 7, 1896; reinstated April 2, 1898.

f Dismissed March 19, 1898; reinstated January 2, 1903.

g Dismissed March 19, 1898; reinstated January 2, 1903.

h Dismissed March 19, 1898; reinstated January 2, 1903.

i Dismissed March 19, 1898; reinstated January 9, 1903.

j Dismissed September 15, 1879; reinstated April 17, 1882.

k Resigned March 31, 1882; reappointed December 17, 1882.



Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
43. John J. Cashman..	Fireman.....	Jan. 11, 1893	Assistant Foreman.....	Sept. 1, 1900
44. James W. Byrnes..	Fireman.....	Apr. 1, 1892	Engineer .....	Feb. 1, 1895
			Assistant Foreman.....	Sept. 1, 1900
45. Patrick Toman....	Fireman.....	Mar. 12, 1891	Assistant Foreman.....	Sept. 1, 1900
46. Maurice Foley....	Fireman.....	Apr. 16, 1890	Engineer .....	Dec. 24, 1897
47. John B. Donovan..	Fireman.....	Dec. 15, 1885	Assistant Foreman.....	Oct. 1, 1900
			Assistant Foreman.....	Oct. 1, 1900
48. Richmond J. Trapp	Fireman.....	July 15, 1889	Assistant Foreman.....	Oct. 1, 1900
49. George W. Pratt..	Fireman.....	Mar. 12, 1891	Assistant Foreman.....	Oct. 1, 1900
50. Richard S. Wood..	Fireman.....	Nov. 16, 1891	Assistant Foreman.....	Oct. 1, 1900
51. Thomas F. Brierton	Fireman.....	July 1, 1895	Assistant Foreman.....	Oct. 2, 1900
52. John W. Jennings.	Fireman.....	Apr. 1, 1892	Assistant Foreman.....	Oct. 2, 1900
53. James Whalen....	Fireman.....	Apr. 1, 1890	Assistant Foreman.....	Oct. 2, 1900
54. Henry Carlin.....	Fireman.....	July 15, 1889	Engineer .....	Dec. 24, 1897
			Assistant Foreman.....	Oct. 7, 1900
55. Patrick D. Lafferty.	Fireman.....	Mar. 20, 1889	Assistant Foreman.....	Oct. 7, 1900
56. Lawrence J. Reilly	Fireman.....	May 10, 1871	Assistant Foreman.....	Nov. 19, 1889
57. William B. Nerney	Fireman.....	Jan. 1, 1888	Assistant Foreman.....	June 8, 1901
58. Patrick J. Crosby.	Fireman.....	Jan. 11, 1893	Assistant Foreman.....	June 8, 1901
59. Henry A. Mapes..	Fireman.....	Jan. 28, 1882	Assistant Foreman.....	June 8, 1901
60. Chas. J. McLaugh-	Fireman.....	May 20, 1889	Engineer .....	Dec. 24, 1897
lin.....			Assistant Foreman.....	Dec. 1, 1901
61. William H. D'Olier	Fireman.....	Apr. 1, 1890	Assistant Foreman.....	Dec. 1, 1901
62. William Scheibel..	Fireman.....	Nov. 16, 1891	Assistant Foreman.....	Dec. 1, 1901
63. Luke C. Porteus..	Fireman.....	July 3, 1895	Engineer .....	Apr. 18, 1896
			Assistant Foreman.....	Aug. 15, 1902
64. Robert McEvoy...	Fireman.....	May 1, 1895	Assistant Foreman.....	Jan. 1, 1901
65. Joseph Barrett....	Fireman.....	Mar. 21, 1888	Engineer .....	Nov. 1, 1903
			Assistant Foreman.....	Dec. 17, 1903
66. John C. Kane.....	Fireman.....	May 4, 1892	Engineer .....	July 8, 1899
			Assistant Foreman.....	Dec. 17, 1903
67. Richard J. Marshall	Fireman.....	Sept. 11, 1893	Engineer .....	Sept. 15, 1895
			Assistant Foreman.....	Dec. 17, 1903
68. Rudolph J. Uster..	Fireman.....	July 1, 1896	Assistant Foreman.....	Dec. 17, 1903
69. Frederick W. Strif-	Fireman.....	July 1, 1896	Engineer .....	June 8, 1901
ler.....			Assistant Foreman.....	Dec. 17, 1903
70. James F. Grant...	Fireman.....	Apr. 17, 1893	Assistant Foreman.....	Dec. 17, 1903
71. James J. Mooney..	Fireman.....	Dec. 31, 1897	Assistant Foreman.....	Dec. 17, 1903
72. Christian C. Schlott-	Fireman.....	June 12, 1897	Engineer .....	Mar. 10, 1900
mann.....			Assistant Foreman.....	Dec. 17, 1903
73. Richard H. Collins	Fireman.....	Apr. 1, 1897	Assistant Foreman.....	Dec. 17, 1903
74. Harry J. Riley....	Fireman.....	Mar. 15, 1895	Assistant Foreman.....	Dec. 17, 1903
75. John J. O'Neill,	Fireman.....	Dec. 23, 1888	Assistant Foreman.....	Dec. 25, 1903
No. 2.....				
76. William J. Robin-	Fireman.....	Jan. 11, 1893	Engineer .....	Jan. 20, 1896
son.....			Assistant Foreman.....	Dec. 25, 1903
77. Edward F. Nealis..	Fireman.....	July 1, 1900	Assistant Foreman.....	Dec. 25, 1903
78. Maurice F. Delay..	Fireman.....	June 1, 1899	Assistant Foreman.....	Dec. 25, 1903
79. Cornelius F. Curran	Fireman.....	June 12, 1897	Assistant Foreman.....	Dec. 25, 1903
80. Hans J. Fallesen..	Fireman.....	June 12, 1897	Engineer .....	June 8, 1901
			Assistant Foreman.....	Dec. 25, 1903
81. Matthew Lynch...	Fireman.....	Feb. 1, 1895	Engineer .....	June 8, 1901
			Assistant Foreman.....	Dec. 25, 1905
82. Isaac Ludgate....	Fireman.....	Dec. 15, 1897	Assistant Foreman.....	Dec. 25, 1903
83. Frank J. Whidbee.	Fireman.....	Feb. 16, 1891	Engineer .....	Nov. 15, 1891
			Assistant Foreman.....	Dec. 25, 1903

Name.	Original Appointment.		Promotion.	
	Grade.	Date.	Grades.	Dates.
84. George O'Shea....	Fireman.....	Oct. 16, 1898	Engineer .....	June 8, 1901
			Assistant Foreman.....	Dec. 25, 1903
85. Frank P. Moran..	Fireman.....	May 4, 1892	Engineer .....	May 1, 1899
			Assistant Foreman.....	Dec. 25, 1903
86. Arthur T. Robb..	Fireman.....	Nov. 16, 1891	Engineer .....	Sept. 15, 1895
			Assistant Foreman.....	Dec. 25, 1903
87. Lewis H. Shaw...	Fireman.....	Sept. 11, 1893	Assistant Foreman.....	Dec. 25, 1903
88. John W. Raab....	Fireman.....	June 12, 1897	Assistant Foreman.....	Dec. 25, 1903
89. James J. Walsh...	Fireman.....	Feb. 15, 1899	Assistant Foreman.....	Dec. 25, 1903
90. William F. Wind-	Fireman.....	July 1, 1895	Assistant Foreman.....	Dec. 25, 1903
horst.....				
91. Robert Paul.....	Fireman.....	Mar. 1, 1897	Assistant Foreman.....	Aug. 22, 1902
92. John N. Hartman..	Fireman.....	June 1, 1887	Assistant Foreman.....	June 8, 1901
93. Michael McCormack	Fireman.....	Mar. 23, 1898	Assistant Foreman.....	Dec. 25, 1903
94. Daniel F. Harrigan	Fireman.....	May 6, 1899	Assistant Foreman.....	June 1, 1905
95. John V. Murphy..	Fireman.....	Apr. 1, 1897	Assistant Foreman.....	May 7, 1905
96. James T. Moore...	Fireman.....	Nov. 11, 1883	Assistant Foreman.....	Jan. 1, 1901
97. Peter F. Leyden...	Fireman.....	Dec. 15, 1897	Assistant Foreman.....	Aug. 1, 1904
98. George E. Simpson	Fireman.....	Apr. 17, 1893	Assistant Foreman.....	July 17, 1905
99. Henry E. Jones...	Fireman.....	Dec. 9, 1895	Assistant Foreman.....	Aug. 5, 1905
100. Thomas F. Burdock	Fireman.....	Dec. 15, 1897	Engineer of Steamer.....	Dec. 15, 1897
			Assistant Foreman.....	July 17, 1905
101. John L. Tucker...	Fireman.....	June 4, 1890	Engineer of Steamer.....	May 1, 1899
			Assistant Foreman.....	July 21, 1905
102. James Bridges...	Fireman.....	Nov. 16, 1891	Engineer of Steamer.....	July 15, 1895
			Assistant Foreman.....	Nov. 1, 1904
103. Thomas J. Gavin..	Fireman.....	Dec. 9, 1895	Engineer of Steamer.....	May 1, 1899
			Assistant Foreman.....	July 20, 1905
104. Daniel Haggerty..	Fireman.....	Apr. 8, 1884	Engineer of Steamer.....	June 4, 1892
			Assistant Foreman.....	July 21, 1902
105. Daniel Clark.....	Fireman.....	Apr. 17, 1893	Engineer of Steamer.....	Dec. 31, 1897
			Assistant Foreman.....	May 7, 1905
106. John M. Pratt....	Fireman.....	Dec. 3, 1888	Engineer of Steamer.....	Mar. 1, 1889
			Assistant Foreman.....	July 17, 1905
107. Michael J. Heslan.	Fireman.....	Apr. 1, 1897	Engineer of Steamer.....	June 1, 1902
			Assistant Foreman.....	Jan. 1, 1904
108. William C. Devine	Fireman.....	Dec. 10, 1891	Assistant Foreman.....	Aug. 5, 1904
109. John Bishop.....	Fireman.....	Apr. 1, 1885	Engineer of Steamer.....	Jan. 14, 1886
			Assistant Foreman.....	July 17, 1905
110. John Malliband...	Fireman.....	July 15, 1895	Assistant Foreman.....	Aug. 1, 1904
111. Frank L. Owens..	Fireman.....	Feb. 1, 1900	Assistant Foreman.....	May 7, 1905
112. Henry Schwickert	Fireman.....	Aug. 10, 1890	Assistant Foreman.....	July 17, 1905
113. Robert F. Moll...	Fireman.....	Oct. 15, 1896	Assistant Foreman.....	Nov. 11, 1905
114. John J. Rechil...	Fireman.....	June 12, 1897	Assistant Foreman.....	July 17, 1905
115. Dennis McCauley.	Fireman.....	June 12, 1897	Engineer of Steamer.....	Mar. 10, 1900
			Assistant Foreman.....	July 17, 1905
116. Patrick Carroll...	Fireman.....	Jan. 2, 1889	Engineer of Steamer.....	May 1, 1899
			Assistant Foreman.....	Nov. 11, 1905
117. Edward F. Carney.	Fireman.....	Apr. 16, 1890	Engineer of Steamer.....	May 1, 1896
			Assistant Foreman.....	July 17, 1905
118. James H. Shevlin.	Fireman.....	Dec. 7, 1873	Assistant Foreman.....	Aug. 1, 1900
119. Frederick J. Simp-	Fireman.....	July 27, 1896	Assistant Foreman.....	July 17, 1905
son.....				
120. Edward D. Farrell	Fireman.....	Dec. 20, 1880	Assistant Foreman.....	Aug. 1, 1900
121. Michael H. Slevin.	Fireman.....	Dec. 20, 1886	Assistant Foreman.....	June 1, 1889
122. William F. Wilkin-	Fireman.....	May 19, 1883	Assistant Foreman.....	Dec. 17, 1903
son.....				
123. Benjamin H. Boyle	Fireman.....	Jan. 16, 1896	Assistant Foreman.....	Sept. 1, 1900
124. George H. Smalley	Fireman.....	Jan. 1, 1890	Assistant Foreman.....	Dec. 17, 1903

## Deaths in the Uniformed Force During the Year 1905.

Name.	Grade.	Company Number.	Date Appointed.	Date of Death.	Cause.
Louis W. Reihls.....	Engineer of Steamer.....	Engine 114.....	July 21, 1892	Jan. 5, 1905	Consumption.
Jas. L. Haviland.....	Foreman.....	Engine 157.....	Feb. 4, 1876	Jan. 15, 1905	Accident; fell down pole hole.
Thomas Breen.....	Fireman first grade.....	Engine 143.....	Feb. 1, 1896	Feb. 18, 1905	Pneumonia.
Geo. F. McGeary.....	Assistant Foreman.....	Hook and Ladder 58.....	Dec. 15, 1885	Mar. 2, 1905	Result of injuries received at fire.
John S. Gillespie.....	Assistant Foreman.....	Engine 130.....	Mar. 7, 1888	Apr. 13, 1905	Gastritis.
John Carbusch.....	Fireman first grade.....	Engine 102.....	Oct. 21, 1898	June 9, 1905	Result of injuries received at fire.
Edward Huntley.....	Fireman third grade.....	Engine 134.....	Oct. 21, 1903	June 16, 1905	Bright's disease.
Francis J. McBride.....	Fireman first grade.....	Engine 147.....	Feb. 1, 1896	July 6, 1905	Phthisis.
John L. Murphy.....	Engineer of Steamer.....	Engine 115.....	Jan. 1, 1899	July 8, 1905	Typhoid fever.
Henry J. Forster.....	Fireman first grade.....	Engine 118.....	Dec. 15, 1897	Aug. 2, 1905	Otitis.
David Kirkpatrick.....	Chief of Battalion.....	Thirty-third Battalion.....	Feb. 15, 1879	Aug. 3, 1905	Cancer.
Jacob Lehman.....	Fireman first grade.....	Hook and Ladder 58.....	Feb. 15, 1879	Nov. 11, 1905	Ascites.
James F. Friel.....	Foreman.....	Hook and Ladder 69.....	Aug. 11, 1891	Nov. 23, 1905	Pneumonia.
James M. Hayes.....	Fireman third grade.....	Engine 151.....	Apr. 11, 1904	Dec. 27, 1905	Menigitia.



## Deaths Among Those Retired from All Service.

Name.	Grade.	Company Number.	Date Appointed.	Date Retired.	Cause.	Date of Death.	Cause.
John W. Smith....	Assistant Chief Engineer.	City of Brooklyn.....	May 3, 1869	Aug. 1, 1890	On application.....	July 14, 1905	Blood poisoning.
Wm. A. Minard....	District Engineer.....	Eastern District.....	Sept. 15, 1869	Oct. 1, 1887	On application.....	Oct. 10, 1905	Hearth failure.
Daniel J. Garrity...	Foreman.....	Engine 102.....	Sept. 15, 1869	Aug. 1, 1902	On application.....	Apr. 5, 1905	Paralysis.
Edward Finn.....	Fireman first grade.....	Hook and Ladder 53.....	Sept. 15, 1869	Nov. 1, 1899	On application.....	Jan. 8, 1905	Heart failure.
John T. Delahanty..	Fireman first grade.....	Hook and Ladder 65.....	Nov. 29, 1897	Aug. 11, 1904	Physical disability.....	Jan. 19, 1905	Consumption.
John Meddis.....	Fireman first grade.....	Engine 120.....	Sept. 15, 1881	Sept. 30, 1901	On application.....	July 16, 1905	Cancer.
Wm. F. Kingsland..	Engineer of Steamer.....	Engine 10.....	Dec. 21, 1872	Jan. 1, 1895	On application.....	May 18, 1905	Bright's disease.

## Retired from All Service for Physical Disability.

Name.	Grade.	Company Number.	Date Appointed.	Date Retired.
George A. McElroy....	Assistant Foreman.....	Engine 146.....	Feb. 1, 1895	June 8, 1905
James Lane.....	Fireman first grade...	Hook and Ladder 56	July 1, 1896	Oct. 23, 1905

## Retired from All Service, on Application, After Twenty Years' Service.

Name.	Grade.	Company Number.	Date Appointed.	Date Retired.
James Riley.....	Assistant Foreman.....	Engine 140.....	Sept. 15, 1869	Feb. 1, 1905
Chas. E. Rikel.....	Foreman.....	Engine 104.....	Apr. 7, 1885	Apr. 10, 1905
Michael F. Rogan....	Engineer of Steamer..	Engine 139.....	Apr. 4, 1885	May 1, 1905
John F. Ward.....	Fireman first grade...	Engine 107.....	Apr. 7, 1885	May 1, 1905
Wm. T. Canning.....	Assistant Foreman.....	Engine 151.....	Apr. 2, 1885	June 12, 1905
Dennis J. McKinny...	Foreman.....	Engine 148.....	June 15, 1885	July 13, 1905
Albert W. Snow.....	Assistant Foreman.....	Engine 157.....	June 15, 1885	July 15, 1905
Wm. H. Berdan.....	Assistant Foreman.....	Engine 136.....	Dec. 15, 1878	Aug. 1, 1905
Chas. W. Norris.....	Fireman first grade...	Engine 113.....	Apr. 20, 1872	Aug. 1, 1905
Henry Reese.....	Engineer of Steamer..	Engine 132.....	Sept. 1, 1885	Sept. 1, 1905
Chris. S. Leavy.....	Foreman.....	Hook and Ladder 61	May 3, 1872	Nov. 1, 1905

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

	Engines.	Hose Wagons (4-wheel, 2-horse).	Hook and Ladder Trucks (3-horse).	Hook and Ladder Trucks (2-horse).	Hook and Ladder Trucks (1-horse).	Alarms Responded To.	Fires Performed Duty At.	Officers and Men.
Engine Company 101.....	1	d 1	..	..	..	108	43	15
Engine Company 102.....	a 2	1	..	..	..	119	48	15
Engine Company 103.....	d 1	d 1	..	..	..	203	73	16
Engine Company 104.....	d 1	d 1	..	..	..	258	49	13
Engine Company 105.....	d 1	d 1	..	..	..	181	56	17
Engine Company 106.....	a 2	d 1	..	..	..	144	36	19
Engine Company 107.....	d 1	1	..	..	..	142	34	15
Engine Company 108.....	1	db 2	..	..	..	81	25	19
Engine Company 109.....	d 1	d 1	..	..	..	167	50	14
Engine Company 110.....	j 2	d 1	..	..	..	132	28	15
Engine Company 111.....	1	d 1	..	..	..	153	48	17
Engine Company 112.....	1	dc 2	..	..	..	144	37	20
Engine Company 113.....	d 1	d 1	..	..	..	243	92	14
Engine Company 114.....	1	d 1	..	..	..	171	35	14
Engine Company 115.....	1	1	..	..	..	105	45	17
Engine Company 116.....	d 1	d 1	..	..	..	304	100	15
Engine Company 117.....	d 1	d 1	..	..	..	263	64	11
Engine Company 118.....	1	d 1	..	..	..	187	53	17
Engine Company 119.....	1	d 1	..	..	..	162	56	15
Engine Company 120.....	d 1	d 1	..	..	..	188	73	16
Engine Company 121.....	m 2	d 1	..	..	..	150	46	22
Engine Company 122.....	d 1	d 1	..	..	..	166	52	16
Engine Company 123.....	e	..	..	..	..	61	17	17
Engine Company 124.....	d 1	d 1	..	..	..	115	34	15
Engine Company 125.....	1	d 1	..	..	..	161	33	13
Engine Company 126.....	d 1	d 1	..	..	..	255	72	14
Engine Company 127.....	a 2	1	..	..	..	137	38	15
Engine Company 128.....	1	d 1	..	..	..	163	45	18
Engine Company 129.....	a 2	d 1	..	..	..	105	45	17
Engine Company 130.....	d 1	d 1	..	..	..	244	68	14
Engine Company 131.....	d 1	d 1	..	..	..	237	96	14
Engine Company 132.....	f	..	..	..	..	208	11	19
Engine Company 133.....	1	d 1	..	..	..	240	39	14
Engine Company 134.....	1	1	..	..	..	110	30	11
Engine Company 135.....	1	d 1	..	..	..	221	60	16
Engine Company 136.....	1	1	..	..	..	58	21	15
Engine Company 137.....	a 2	d 1	..	..	..	183	61	15
Engine Company 138.....	1	d 1	..	..	..	131	43	15

	Engines.	Hose Wagons (4-wheel, 2-horse).	Hook and Ladder Trucks (3-horse).	Hook and Ladder Trucks (2-horse).	Hook and Ladder Trucks (1-horse).	Alarms Responded To.	Fires Performed Duty At.	Officers and Men.
Engine Company 139.....	1	d 1	..	..	..	245	63	15
Engine Company 140.....	1	1	..	1	..	56	19	16
Engine Company 141.....	1	d 1	..	1	..	92	27	17
Engine Company 142.....	1	1	..	1	..	37	21	16
Engine Company 143.....	1	1	..	1	..	41	15	15
Engine Company 144.....	1	d 1	..	1	..	51	10	20
Engine Company 145.....	g 2	2	..	..	..	97	21	20
Engine Company 146.....	g 2	2	..	..	1	34	14	26
Engine Company 147.....	1	1	..	1	..	41	13	16
Engine Company 148.....	1	1	..	1	..	45	17	18
Engine Company 149.....	1	1	..	..	..	35	7	12
Engine Company 150.....	1	1	..	1	..	40	8	14
Engine Company 151.....	a 2 m 1	d 1	..	..	..	74	19	14
Engine Company 152.....	1	d 1	..	..	..	83	26	17
Engine Company 153.....	a 2	1	..	1	..	28	6	16
Engine Company 154.....	1	1	..	..	..	9	3	10
Engine Company 155.....	1	1	..	1	..	32	6	13
Engine Company 156.....	1	d 1	..	..	..	146	38	14
Engine Company 157.....	1	1	..	1	..	57	15	17
Engine Company 158.....	1	d 1	..	..	..	121	34	16
Engine Company 159.....	1	1	..	..	..	31	2	10
Engine Company 160.....	a 2	h 2	..	..	..	34	9	13
Engine Company 161.....	1	1	..	..	..	53	13	14
Engine Company 162.....	1	1	..	i 1	..	49	11	14
Engine Company 163.....	1	d 1	..	..	..	37	9	13
Engine Company 164.....	a 2	h 2	..	1	..	7	5	14
Engine Company 165.....	1	1	..	..	..	4	3	14
Engine Company 166.....	1	1	..	..	..	7	5	11
Engine Company 167.....	d 1	1	..	..	..	8	4	13
Engine Company 168.....	1	1	..	..	..	..	..	12
Hook and Ladder Company 51.....	..	..	1	..	..	153	91	15
Hook and Ladder Company 52.....	..	..	1	..	..	214	135	15
Hook and Ladder Company 53.....	..	..	1	..	..	172	76	17
Hook and Ladder Company 54.....	..	..	1	..	..	246	119	17
Hook and Ladder Company 55.....	..	..	1	..	..	205	102	16
Hook and Ladder Company 56.....	..	..	1	..	..	145	76	16
Hook and Ladder Company 57.....	a 1	..	1	..	..	206	86	15
Hook and Ladder Company 58.....	..	..	d 1	..	..	402	310	17
Hook and Ladder Company 59.....	a 1	l 1	d 1	..	..	163	115	18
Hook and Ladder Company 60.....	..	..	d 1	..	..	307	106	18
Hook and Ladder Company 61.....	..	..	1	..	..	178	88	13
Hook and Ladder Company 62.....	..	..	1	..	..	124	77	14
Hook and Ladder Company 63.....	..	..	1	..	..	35	13	15
Hook and Ladder Company 64.....	..	..	1	..	..	106	50	15
Hook and Ladder Company 65.....	..	n 1	..	1	..	80	36	13
Hook and Ladder Company 66.....	..	..	..	d 1	..	97	16	13
Hook and Ladder Company 67.....	..	..	1	..	..	45	34	14
Hook and Ladder Company 68.....	..	..	d 1 k 1	..	..	283	103	23
Hook and Ladder Company 69.....	..	..	1	..	..	121	41	13
Hook and Ladder Company 70.....	..	..	d 1	..	..	148	80	11
Hook and Ladder Company 71.....	..	..	..	1	..	12	6	12
Totals.....	81	73	19	15	1	11,436	4,059	*1,367

\* Does not include chief officers, who number 25.

a Spare engines.

b Large 4-wheel wagon for fireboat "Abram S. Hewitt."

c Large 4-wheel wagon for fireboat "David A. Boody."

d Rubber tires.

e Fireboat "Seth Low."

f Fireboat "David A. Boody."

g Double companies.

h Spare hose wagon.

i Spare hook and ladder truck.

j Searchlight engine.

k Water tower.

l Large 4-wheel wagon for fireboat "Seth Low."

m Chemical engine.

n Large 4-wheel wagon for fireboat "David A. Boody."

Note—Engine Companies 164, 165, 166, 167, organized September 1, 1905; Engine Company 168, organized November 28, 1905; Hook and Ladder Company 70, organized April 8, 1905; Hook and Ladder Company 71, organized September 1, 1905.



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	Tubular	Double	7½	8	4½	9,800	1894	Amoskeag Manufacturing Company	707	1900	American Fire Engine Company, water tube boiler....	Engine 158	
1	..	..	..	..	Crane	Tubular	Double	7½	8	4½	9,800	1894	Amoskeag Manufacturing Company	708	..	..	..	Engine 115
1	..	..	..	..	Crane	Tubular	Double	7½	8	4½	9,800	1894	Amoskeag Manufacturing Company	709	..	..	..	Engine 121
1	..	..	..	..	Crane	Tubular	Double	7½	9	4½	8,250	1874	Amoskeag Manufacturing Company	486	1896	Tubular boiler, Repair shop...	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1891	Amoskeag Manufacturing Company	668	1899	American Fire Engine Company, water tube boiler....	Engine 102	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1884	Amoskeag Manufacturing Company	590	1894	Tubular boiler, Repair Shop.	Engine 106	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,000	1891	Amoskeag Manufacturing Company	667	1899	American Fire Engine Company, water tube boiler....	Engine 108	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,500	1873	Amoskeag Manufacturing Company	427	1897	La France Company, nest tube	Engine 112	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,300	1893	Amoskeag Manufacturing Company	697	..	..	..	Engine 114
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,400	1885	Amoskeag Manufacturing Company	600	1903	La France Company, smoke and water flue.....	Engine 118	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,000	1892	Amoskeag Manufacturing Company	684	1899	American Fire Engine Company, water tube boiler....	Engine 119	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1876	Amoskeag Manufacturing Company	507	1892	Manchester Locomotive Works, tubular	Engine 127	
..	..	1	1	..	Crane	Tubular	Double	6½	8	3½	6,750	1898	Amoskeag Manufacturing Company	741	..	..	..	Engine 153
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,100	1892	Amoskeag Manufacturing Company	685	1899	American Fire Engine Company, water tube boiler....	Engine 129	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1879	Amoskeag Manufacturing Company	528	1899	American Fire Engine Company, water tube boiler....	Engine 134	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1873	Amoskeag Manufacturing Company	421	1894	Tubular boiler, Repair Shop..	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,300	1873	Amoskeag Manufacturing Company	429	1897	La France Company, nest boiler	Engine 145	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1880	Amoskeag Manufacturing Company	546	1900	American Fire Engine Company, water tube boiler....	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,000	1882	Amoskeag Manufacturing Company	568	1894	La France Company, nest boiler	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,300	1884	Amoskeag Manufacturing Company	594	..	..	..	Spare
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1885	Amoskeag Manufacturing Company	598	1905	La France Company, water and fire tube boiler....	Engine 156	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,400	1885	Amoskeag Manufacturing Company	599	..	..	..	Woodhaven
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1889	Amoskeag Manufacturing Company	654	..	..	..	Spare
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1891	Amoskeag Manufacturing Company	666	1899	American Fire Engine Company, water tube boiler....	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,300	1883	Amoskeag Manufacturing Company	585	1897	Tubular boiler, Repair Shop..	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1889	Amoskeag Manufacturing Company	655	..	..	..	Spare
..	..	1	..	..	Crane	Smoke and water tube Nest	Double Double	6½	8	4½	7,600	1903	W. S. Nott Company	429	..	..	..	Engine 110
..	1	..	..	..	Crane	Nest	Double	6½	8	4½	8,200	1890	Amoskeag Manufacturing Company	660	1899	American Fire Engine Company, water tubes.....	Spare	
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,300	1890	Amoskeag Manufacturing Company	658	..	..	..	Spare
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,100	1893	Amoskeag Manufacturing Company	696	..	..	..	Spare
..	..	1	..	..	Crane	La France	Double	6½	7	4	6,000	..	La France Company	249	..	..	..	Repair Shop, to be rebuilt.
..	1	..	..	..	Crane	Tubular	Double	6½	8	4½	8,200	1893	La France Company	277	..	..	..	Engine 146
..	..	1	..	..	Crane	Tubular	Double	7½	8	4½	7,200	1896	La France Company	358	..	..	..	Spare
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	8,000	1896	La France Company	360	..	..	..	Engine 139
..	..	1	..	..	Crane	Drop tube	Single. Rotary Rotary Rotary	5,400	1893	Silsby Company	2231	..	..	..	..	..	Bayside	
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,600	1895	La France Company	323	..	..	..	Engine 111
..	..	1	..	..	Crane	Nest	Double	6½	7	4	7,940	1898	La France Company	403	..	..	..	Engine 125
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,700	1895	La France Company	324	..	..	..	Engine 135
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,600	1895	La France Company	329	..	..	..	Engine 136
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,600	1897	La France Company	361	..	..	..	Engine 138
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,420	1896	La France Company	359	..	..	..	Engine 137
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,200	1895	La France Company	334	..	..	..	Engine 140
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,200	1895	La France Company	332	..	..	..	Engine 141
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,200	1895	La France Company	331	..	..	..	Engine 142
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,200	1895	La France Company	330	..	..	..	Engine 143
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,250	1897	La France Company	322	..	..	..	Engine 144
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,400	1893	La France Company	296	..	..	..	Engine 145
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,300	1896	La France Company	357	..	..	..	Engine 147
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,300	1897	La France Company	385	..	..	..	Engine 148
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,300	1896	La France Company	356	..	..	..	Engine 149
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,350	1897	La France Company	391	..	..	..	Engine 150
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,900	1897	La France Company	384	..	..	..	Engine 151
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,500	1897	La France Company	362	..	..	..	Engine 152
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,200	1895	La France Company	333	..	..	..	Engine 128
..	..	1	..	..	Crane	Nest	Double	7	7	4	7,200	1897	La France Company	390	..	..	..	Engine 155
..	..	1	..	..	Crane	Nest	Double	7½	8	4½	7,600	1894	La France Company	295	1901	La France Company, nest boiler	Engine 101	
..	..	1	..	..	Crane	Smoke and water tube	Double	6½	7	4	6,900	..	La France Company	414	..	..	..	Engine 163
..	..	1	..	..	Crane	Water tube	Double	6½	7	4	6,900	1899	La France Company	412	..	..	..	Engine 133
..	..	1	..	..	Crane	Water tube	Double	6½	7	4	7,000	1899	La France Company	415	..	..	..	Engine 146
..	..	1	..	..	Crane	Water tube	Double	6½	7	4	6,900	1899	La France Company	413	..	..	..	Engine 154
..	..	1	..	..	Crane	Nest	Double	6½	7	4	6,000	..	La France Company	250	1905	American vertical nest tube..	Engine 166	
..	..	1	..	..	Crane	Water tube	Double	6½	7	4	7,610	1905	Metropolitan Company	3064	1905	American water tube.....	Engine 167	
..	..	1	..	..	Single harp	La France	Single.	7½	9	4½	5,700	1877	Amoskeag Manufacturing Company	520	..	..	..	Spare
..	..	1	..	..	Crane	Water tube	Double	7½	8	4½	8,300	1900	La France Company	433	..	..	..	Engine 109
..	1	..	..	..	Crane	Water tube	Double	8	9	4½	9,200	1900	La France Company	432	..	..	..	Engine 105
..	..	1	..	..	Crane	Water tube	Double	7½	8	4½	8,200	1900	La France Company	438	..	..	..	Engine 107
..	..	1	..	..	Crane	Water tube	Double	7½	8	4½	8,200	1901	La France Company	439	..	..	..	Engine 116



Size.					Style of	Engine.	Size in inches of			Weight with Water	When Built or Placed in Service.	Manufacturer's		New Boilers, Pumps, Etc.		Where in Service.	
1.	2.	3.	4.	5.			Frame.	Boiler.	Steam Cylinder.			Stroke of Piston	Pump.	Name.	ber. When Num.		By Whom.
..	..	1	..	..	Crane	Water tube	Double	7¼	8	4½	8,300	1901	La France Company	461	..	Engine 103	
..	..	1	..	..	Crane	Water tube	Double	7¼	8	4½	8,300	1901	La France Company	462	..	Engine 113	
..	..	1	..	..	Crane	Water tube	Double	7¼	8	4½	8,300	1901	La France Company	463	..	Engine 126	
..	..	..	1	..	Crane	Water tube	Double	6½	7	4	6,500	1898	American Company	2619	..	Engine 157	
..	..	1	..	..	Crane	Spiral tube	Double	7¼	8	4½	7,100	1894	American Company	2304	..	Spare at Repair Shop, to be rebuilt.	
..	..	..	1	..	Crane	Water tube	Double	6½	7	4	6,500	1899	American Company	2678	..	Engine 160	
..	..	..	1	..	Crane	Water tube	Double	6½	7	4	6,500	1899	American Company	2679	..	Engine 161	
..	1	..	..	..	Crane	Water tube	Double	8	8	4¾	8,700	1900	American Company	2702	..	Engine 104	
..	..	1	..	..	Crane	Water tube	Double	7½	7	4½	7,700	1900	American Company	2703	..	Engine 130	
..	..	1	..	..	Crane	Water tube	Double	7½	7	4½	7,900	1900	American Company	2730	..	Engine 117	
..	..	1	..	..	Crane	Water tube	Double	7½	7	4½	7,800	1900	American Company	2731	..	Engine 120	
..	..	1	..	..	Crane	Spiral tube	Double	7	8	4¾	7,600	1886	Clapp & Jones	506	..	Engine 168	
..	..	..	1	..	Crane	Spiral tube	Double	7	8	4¾	7,500	1886	Clapp & Jones	493	..	Engine 159	
..	..	1	..	..	Crane	Spiral tube	Double	7¼	8	4¾	7,000	1894	Clapp & Jones	2305	..	Engine 162	
..	..	1	..	..	Crane	Water tube	Double	7½	7	4½	8,250	1905	Metropolitan Company	3040	..	Engine 122	
..	1	..	..	..	Crane	Spiral water tube	Double	8¼	8	5½	9,220	1905	W. S. Nott Company	616	..	Engine 124	
..	..	1	..	..	Crane	Spiral water tube	Double	7¾	8	4½	8,325	1905	W. S. Nott Company	566	..	Engine 131	
..	..	1	..	..	Crane	Coil	Double	7	7	4¾	..	1893	Clapp & Jones	2242	..	Engine 164	
..	..	1	..	..	Crane	Coil	Double	7	7	4¾	6,300	1897	Clapp & Jones	2530	..	Engine 165	
..	..	..	..	..	Marine	Scotch	2 single	16	18	..	..	1885	W. Cowles	116084	1900	Tregarthen & Son, new boiler.	Engine 123 a
..	..	..	..	..	Marine	Scotch	Compound	14-26	18	..	..	1892	W. Cowles	157349	1895	McLaughlin & McNeal	Engine 132 b
Fire-boat	..	..	..	..	Pumps	Two sets double	..	16	10	8	..	1885	Clapp & Jones	..	..	..	Engine 123 c
Fire-boat	..	..	..	..	Pumps	Two sets double	..	17	11	10	..	1892	Clapp & Jones	..	..	..	Engine 132 d
Searchlight	..	..	..	..	Crane	Nest	Vertical	5	5	..	7,360	1901	La France Company	3	..	..	Auxiliary Engine 110 e

a Fire-boat "Seth Low." b Fire-boat "D. A. Boody." c Fire-boat "Seth Low." d Fire-boat "D. A. Boody." e Two lamps, 7,000 and 9,000 candle power.

## Chemical Engines.

Name.	Style.	Capacity.	Weight.	Built.	Manufacturer.	No.	Where in Service.
Chemical engine..	Crane	2 50-gallon tanks	4,375	1895	Holloway Company	1B	Engine 162
Chemical engine..	Crane	2 50-gallon tanks	4,500	1899	Holloway Company	2B	Engine 121
Chemical engine..	Two-wheel.	1 80-gallon tank	2,500	1897	Hayward Company	3B	Engine 151

## Classified Description of Hook and Ladder Trucks.

Size Nos.				Style.	Largest Ladder, Feet.	Manufacturer.	When Built.	Registered Number.	Where in Service.
1.	2.	3.	4.						
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 56
1	..	..	..	Hayes aerial	85	La France Fire Engine Company	1896	193	Hook and Ladder 64
1	..	..	..	Hayes aerial	85	La France Fire Engine Company	1901	232	Hook and Ladder 68
1	..	..	..	Hayes aerial	85	La France Fire Engine Company	1901	222	Hook and Ladder 69
1	..	..	..	Hayes aerial	85	Seagrave Company	1903	1BS	Hook and Ladder 60
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	1889	99	Spare
..	1	..	..	Hayes aerial	75	La France Fire Engine Company	1888	92	Hook and Ladder 55
..	1	..	..	Hayes aerial	75	La France Fire Engine Company	1892	140	Spare
..	1	..	..	Hayes aerial	75	La France Fire Engine Company	1890	103	Hook and Ladder 65
..	..	1	..	Hayes aerial	55	La France Fire Engine Company	1895	162	Spare
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 chemical combination	50	Holloway Manufacturing Company	1896	8B	Engine 140
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1896	1B	Engine 141
..	1	..	..	Hayes aerial	75	Seagrave Company	1905	1404	Hook and Ladder 70
..	..	..	1	Chemical combination	50	Seagrave Company	1905	2S	Hook and Ladder 71
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1896	2B	Engine 142
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1896	3B	Engine 143
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1896	9B	Engine 148

Size Nos.				Style.	Largest Ladder, Feet.	Manufacturer.	When Built.	Registered Number.	Where in Service.
1.	2.	3.	4.						
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1896	7B	Engine 150
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1897	10B	Engine 153
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1897	11B	Engine 155
..	..	..	1	Straight frame chemical combination	50	Holloway Manufacturing Company	1896	6B	Engine 147
..	..	..	1	Combination chemical	50	Gleason & Bailey Manufacturing Company	1896	12B	Engine 144
..	..	..	1	Straight frame chemical combination	50	Gleason & Bailey Manufacturing Company	1896	5B	Engine 146
..	..	..	1	Straight frame chemical combination	50	Gleason & Bailey Manufacturing Company	1897	4B	Woodhaven
..	..	..	1	Combination chemical	50	Gleason & Bailey Manufacturing Company	1897	14B	Engine 157
..	..	..	1	Straight frame	35	New York Fire Department Repair Shops	1882	21B	Newtown
..	..	..	1	Straight frame	55	Fire Extinguisher Company	1882	23B	Woodside
..	..	..	1	Straight frame chemical combination	50	American-La France Fire Engine Company	1905	186	Engine 164
..	..	..	1	Straight frame chemical combination	50	American-La France Fire Engine Company	1905	24B	Newtown
..	..	..	1	Straight frame chemical combination	50	American-La France Fire Engine Company	1905	25B	Woodhaven
..	..	..	1	Straight frame chemical combination	50	American-La France Fire Engine Company	1905	26B	Jamaica
..	..	..	1	Straight frame chemical combination	50	American-La France Fire Engine Company	1905	27B	In shop
..	..	1	..	American-La France aerial	65	American-La France Fire Engine Company	1906	16B	Hook and Ladder 66

## Classified Description of Hose Tenders, Hose Wagons, Boat Tenders, Water Towers, etc.

Style.	Class.			Manufacturer.	When Built.	Registered No.	Where in Service.
	1.	2.	3.				
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1899	74 B	Engine 109
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1899	75 B	Engine 110
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1899	76 B	Engine 103
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1899	79 B	Engine 120
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1899	78 B	Engine 118
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1899	77 B	Engine 129
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1900	83 B	Engine 108
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1900	82 B	Engine 104
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1900	84 B	Engine 113
Platform spring.	1	..	..	P. Barrett Manufacturing Company	1901	85 B	Engine 116



Style.	Class.			Manufacturer.	When Built.	Registered No.	Where in Service.
	1.	2.	3.				
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1901	86 B	Engine 111
Platform spring.	1*	..	..	P. Barrett Manufacturing Company.....	1901	87 B	Engine 114
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1901	88 B	Engine 117
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1901	89 B	Engine 133
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1901	90 B	Engine 135
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1898	71 B	Engine 105
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1898	70 B	Engine 112
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1898	72 B	Engine 130
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1898	73 B	Engine 126
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1894	25 B	Engine 106
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1896	48 B	Engine 156
Platform spring.	1	..	..	Gleason & Bailey Company.....	1900	80 B	Engine 121
Platform spring.	1	..	..	Gleason & Bailey Company.....	1900	81 B	Engine 139
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1894	31 B	Engine 128
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1895	27 B	Engine 163
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1894	26 B	Engine 136
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1891	9 B	Engine 138
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1895	40 B	Engine 140
Platform spring.	1	..	..	C. N. Perkins & Co.....	1905	100 B	Engine 141
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1896	50 B	Engine 142
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1896	51 B	Engine 143
Platform spring.	1	..	..	Jones .....	1895	35 B	Engine 144
Platform spring.	1	..	..	Marlborough Brothers .....	1895	15 B	Engine 145
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1895	42 B	Engine 146
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1896	53 B	Engine 147
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1895	43 B	Engine 148
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1895	44 B	Engine 149
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1895	45 B	Engine 150
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1892	12 B	Engine 146
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1894	28 B	Newtown.
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1896	47 B	Engine 137
Platform spring.	1	..	..	Marlborough Brothers .....	1891	20 B	Engine 125
Platform spring.	1	..	..	C. N. Perkins & Co.....	1905	96 B	Engine 119
Platform spring.	1	..	..	Marlborough Brothers .....	1893	18 B	Spare
Platform spring.	1	..	..	Marlborough Brothers .....	1893	17 B	Engine 151
Platform spring.	1	..	..	Marlborough Brothers .....	1894	46 B	Elmhurst (Newtown).
Platform spring.	1	..	..	Marlborough Brothers .....	1893	21 B	Spare
Platform spring.	1	..	..	C. N. Perkins & Co.....	1905	98 B	Engine 124
Platform spring.	1	..	..	Shepard & Son.....	1903	91 B	Engine 127
Platform spring.	1	..	..	Shepard & Son.....	1903	92 B	Engine 134
Platform spring.	1	..	..	Shepard & Son.....	1903	93 B	Engine 102
Platform spring.	1	..	..	Shepard & Son.....	1903	94 B	Engine 115
Platform spring.	1	..	..	Shepherd & Son.....	1903	95 B	Engine 107
Platform spring.	..	1	..	Marlborough Brothers .....	1891	10 B	Engine 160
Platform spring.	..	1	..	Marlborough Brothers .....	1894	22 B	Engine 161
Platform spring.	..	1	..	Marlborough Brothers .....	1894	32 B	Engine 162
Platform spring.	..	1	..	Woodhouse Manufacturing Company....	1885	38 B	Engine 157
Platform spring.	..	1	..	Woodhouse Manufacturing Company....	1884	2 B	Woodhaven
Platform spring.	..	1	..	Gleason & Bailey Manufactur'g Company	1895	62 B	Richm'd Hill
Platform spring.	..	1	..	Gleason & Bailey Manufactur'g Company	1895	63 B	Woodhaven
Platform spring.	..	1	..	Marlborough Brothers .....	1894	29 B	Spare
Platform spring.	..	1	..	Gleason & Bailey Manufactur'g Company	1895	65 B	Richm'd Hill
Platform spring.	..	1	..	Woodhouse Manufacturing Company....	1886	5 B	Engine 155
Platform spring.	1	..	..	C. N. Perkins & Co.....	1905	99 B	Engine 131
Platform spring.	..	1	..	Marlborough Brothers .....	1885	57 B	Engine 159
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1897	55 B	Engine 152
Platform spring.	..	1	..	Jones .....	1895	39 B	Engine 101
Platform spring.	..	1	..	Marlborough Brothers .....	1893	59 B	Spare
Platform spring.	1	..	..	C. N. Perkins & Co.....	1905	101 B	Engine 158
Platform spring.	1	..	..	Jones .....	1895	33 B	Spare
Platform spring.	1	..	..	Jones .....	1895	34 B	Engine 154
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1896	54 B	Engine 153
2-wheel hose reel	..	1	..	Amoskeag Manufacturing Company.....	1871	3 B	Bayside
Platform spring.	..	1	..	Jones .....	1895	36 B	Spare
Platform spring.	..	1	..	Marlborough Brothers .....	1895	37 B	Spare
Platform spring.	..	1	..	Geo. Marx .....	....	105 B	Engine 164
Platform spring.	..	1	..	Gleason & Bailey Manufactur'g Company	....	106 B	Engine 165
Platform spring.	..	1	..	Geo. Marx .....	....	107 B	Engine 166
Platform spring.	..	1	..	Gleason & Bailey Manufactur'g Company	....	108 B	Engine 167
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1896	52 B	Engine 168
Platform spring.	1	..	..	P. Barrett Manufacturing Company.....	1895	41 B	Spare
Platform spring.	..	1	..	P. Barrett Manufacturing Company.....	1896	49 B	Newtown
Platform spring.	1	..	..	Geo. Marx .....	1905	102 B	*H. & L. 59
Platform spring.	1	..	..	Geo. Marx .....	1905	103 B	†Engine 108
Platform spring.	1	..	..	Geo. Marx .....	1905	104 B	†Engine 112
Platform spring.	1	..	..	Brooklyn Fire Department Repair Shop.	1893	19 B	‡H. & L. 65
Water Tower 5...	65-foot Hale	Kansas City Supply Company.....		....	....	....	....

\* Boat Tender No. 6.  
† Boat Tender No. 7.  
‡ Boat Tender No. 8.  
§ Boat Tender No. 9.

## 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 screw; engines, 2, high or low pressure; horse-power (nominal), 265 each; cylinders, 16 by 18-inch stroke; steam, 100 pounds; built in Brooklyn in 1885; hull and deckhouse rebuilt 1904; 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; horse-power, 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.

## Buildings of the Fire Department, Boroughs of Brooklyn and Queens.

Headquarters—Office of the Deputy Commissioner, Deputy Chief of Department in charge, Fire Marshal, Bureau of Combustibles, Bureau of Violations and Auxiliary Fire Appliances, Fire Alarm Telegraph, Central Office; Medical Officers, Nos. 365 and 367 Jay street.

Engine Company 101, No. 1238 Fourth avenue.  
Engine Company 102, No. 201 Van Brunt street.  
Engine Company 103, No. 533 Hicks street.  
Engine Company 104, No. 299 Degraw street.  
Engine Company 105, No. 160 Pierrepont street.  
Engine Company 106, No. 189 Pearl street.  
Engine Company 107, No. 247 Pearl street.  
Engine Company 108, No. 227 Front street.  
Engine Company 109, No. 159 Graham street.  
Engine Company 110, No. 160 Carlton avenue.  
Engine Company 111, No. 166 Clymer street.  
Engine Company 112, No. 136 Wythe avenue.  
Engine Company 113, No. 137 Powers street.  
Engine Company 114, No. 231 Herkimer street.  
Engine Company 115, No. 88 India street.  
Engine Company 116, No. 11 Scholes street.  
Engine Company 117, No. 940 DeKalb avenue.  
Engine Company 118, No. 650 Hart street.  
Engine Company 119, No. 735 Dean street.  
Engine Company 120, No. 532 Eleventh street.  
Engine Company 121, No. 163 South Second street.  
Engine Company 122, No. 836 Quincy street.  
Engine Company 123 (floating engine), foot Forty-second street (Dock).  
Engine Company 124, No. 274 Hicks street.  
Engine Company 125, No. 557 Liberty avenue.  
Engine Company 126, No. 409 State street.  
Engine Company 127, No. 979 Herkimer street.  
Engine Company 128, No. 178 Thirty-ninth street.  
Engine Company 129, No. 246 Frost street.  
Engine Company 130, No. 59 Ellery street.  
Engine Company 131, No. 1772 Pitkin avenue.  
Engine Company 132 (floating engine), foot North Eighth street (Dock).  
Engine Company 133, No. 243 Hull street.  
Engine Company 134, No. 1472 Bergen street.  
Engine Company 135, No. 206 Monroe street.  
Engine Company 136, Liberty avenue near Market street.  
Engine Company 137, No. 55 Morgan avenue.  
Engine Company 138, No. 176 Norman avenue.  
Engine Company 139, No. 395 Fourth avenue.  
Engine Company 140, Prospect near Greenwood avenue.  
Engine Company 141, Bay Ridge near Second avenue.  
Engine Company 142, Fifth avenue near Ninety-second street.  
Engine Company 143, Eighteenth avenue near Eighty-sixth street.  
Engine Company 144, West Fifteenth street and Surf avenue.  
Engine Company 145, West Eighth street and Surf avenue.  
Engine Company 146, East Twenty-third street and Voorhees avenue.  
Engine Company 147, Sixtieth street and New Utrecht avenue.  
Engine Company 148, Church near Bedford avenue.  
Engine Company 149, Rogers avenue and Midwood street.  
Engine Company 150, Lawrence near Second avenue.\*  
Engine Company 151, Wallabout Market.  
Engine Company 152, No. 621 Central avenue.  
Engine Company 153, Eighty-sixth street near Twenty-fourth avenue.  
Engine Company 154, Town Hall, Gravesend.  
Engine Company 155, Rogers avenue near Avenue F.  
Engine Company 156, No. 124 DeKalb avenue.  
Engine Company 157, Rockaway, near Flatlands avenue.\*  
Engine Company 158, No. 136 East Eighth street, Long Island City.  
Engine Company 159, No. 71 Gales street, Long Island City.  
Engine Company 160, No. 687 Vernon avenue, Long Island City.\*  
Engine Company 161, No. 231 Radde street, Long Island City.\*  
Engine Company 162, Nos. 78 and 80 Main street, Long Island City.  
Engine Company 163, No. 354 Flushing avenue, Long Island City.\*  
Engine Company 164, Central avenue, near Cleveland street, Far Rockaway.  
Engine Company 165, Boulevard, near Ammerman avenue, Arverne.  
Engine Company 166, Grove street, near Boulevard, Rockaway Beach.\*  
Engine Company 167, Boulevard, near Henry street, Rockaway Beach.\*  
Engine Company 168, Washington avenue, Rockaway Park.\*  
Hook and Ladder Company 51, No. 199 Van Brunt street.  
Hook and Ladder Company 52, No. 894 Bedford avenue.  
Hook and Ladder Company 53, No. 183 Concord street.  
Hook and Ladder Company 54, No. 181 South Third street.  
Hook and Ladder Company 55, No. 648 Pacific street.  
Hook and Ladder Company 56, No. 124 Greenpoint avenue.  
Hook and Ladder Company 57, No. 40 New Jersey avenue.  
Hook and Ladder Company 58, No. 112 Siegel street.  
Hook and Ladder Company 59, No. 633 Fourth avenue.  
Hook and Ladder Company 60, No. 264 State street.  
Hook and Ladder Company 61, No. 399 Halsey street.  
Hook and Ladder Company 62, No. 1171 Madison street.  
Hook and Ladder Company 63, Rogers avenue, near Midwood street.  
Hook and Ladder Company 64, Fifth avenue, near Fifty-second street.  
Hook and Ladder Company 65, East Eighth street, near East avenue, Long Island City.  
Hook and Ladder Company 66, Jackson avenue, near Kouwenhoven street, Long Island City.  
Hook and Ladder Company 67, No. 356 Flushing avenue, Long Island City.  
Hook and Ladder Company 68 and Water Tower No. 6, Nos. 365 and 367 Jay street.  
Hook and Ladder Company 69, Wallabout Market.  
Hook and Ladder Company 70, Watkins street and Glenmore avenue.  
Hook and Ladder Company 71, Boulevard, near Bay View avenue, Rockaway Beach.  
Chemical Engine No. 1, No. 712 Driggs avenue.  
Repair Shops, St. Edwards and Bolivar streets.  
Training Stables, etc., St. Edwards and Bolivar streets.  
Quarters of Deputy Chief of Seventh Division and Coal Depot, No. 127 North First street.  
Lot, Myrtle avenue and South Elliott place.  
Lot, north side Richardson street, 150 feet west of Ewen street.  
Lot, adjoining quarters Engine 136.  
Lot, adjoining quarters Hook and Ladder 59.  
Lot, Rockaway avenue, corner Avenue F.



Lot, east side Ralph avenue, 25 feet north of Bergen street.  
Lot, south side Eleventh street, 357 feet east of Seventh avenue.  
Lot, south side Union street, 277 feet west of Seventh avenue.  
Lot, east side Himrod street, 90 feet south of St. Nicholas avenue.  
Premises, Central and Clark avenues, Far Rockaway.\*  
Premises, Boulevard, near Bay View avenue, Rockaway Beach.\*

\*These locations are leased by the department; all others are City property.

#### Volunteer System, Borough of Queens.

(Organization December 31, 1905.)

Town or Village.	Engine Companies.	Hook and Ladder Companies.	Chemical Engine Companies.	Hose Companies.	Total.
Newtown .....	*4	8	1	..	13
Flushing .....	..	1	..	5	6
Woodhaven .....	1	4	..	4	9
Richmond Hill.....	*1	2	..	2	5
Columbia Fire Department (Richmond Hill) .....	..	1	..	1	2
Jamaica .....	..	3	..	5	8
Bayside .....	*1	1	..	..	2
Hollis .....	..	1	..	1	2
College Point .....	..	1	..	2	3
Queens .....	..	1	..	1	2
Whitestone .....	..	1	..	3	4
Springfield .....	..	1	1	1	3
Jamaica South.....	..	1	..	..	1
Little Neck .....	..	1	..	..	1
Douglaston .....	..	..	..	1	1
Totals.....	7	27	2	26	62

\*Companies marked thus are equipped with hose wagon or tender.

Aggregate, 62 companies. Officers and men, 2,209.

On September 1, 1905, the paid system was extended by the organization of five engine companies and one hook and ladder company, to the territory comprising the Villages of Rockaway Beach, Arverne and Far Rockaway, and the following companies were disbanded:

Rockaway Beach and Arverne.

Four engine companies, two hook and ladder companies, four hose companies.

Far Rockaway.

One engine company, one hook and ladder company, two hose companies.

### MUNICIPAL CIVIL SERVICE COMMISSION.

Municipal Civil Service Commission,  
No. 299 Broadway,  
New York, July 2, 1906.

A meeting of the Civil Service Commission of The City of New York was held at the Commission's offices, No. 299 Broadway, on Monday, July 2, 1906, at 10 o'clock.

All the Commissioners were present.

A public hearing was held on the matter of amending the classification of positions in the exempt class in the Department of Finance by including therein the title "Supervising Statistician and Examiner." The President read a communication from Comptroller Metz stating that in a recent communication requesting the exemption of a number of positions for the purpose of establishing a Bureau of Statistics in his Department, he had inadvertently omitted to ask for the exemption of the position at the head of said Bureau, namely, "Supervising Statistician and Examiner;" that the reasons for asking that the position be exempted from competitive examination were the same as those set forth in connection with the request for the exemption of the five Examiners of Accounts and five Expert Accountants. There was no opposition to the amendment and the hearing closed.

A public hearing was held on the proposed amendment of the classification of positions in the exempt class in the Mayor's office by substituting for the line "Assistant Secretary" the following: "Executive Secretary."

Franklin C. Hoyt, Esq., Assistant Corporation Counsel, representing the Acting Mayor, addressed the Commission in behalf of the request. There was no opposition and the hearing closed.

The Commission then went into regular session, and the minutes of the meeting held June 27 were approved.

On motion, it was

Resolved, That the classification of positions in the exempt class under the heading "Finance Department," as fixed by the Civil Service Rules, be and the same hereby is amended by including therein the following: "Supervising Statistician and Examiner."

On motion, it was

Resolved, That the classification of positions in the exempt class under the heading "Mayor's Office," as fixed by the Civil Service Rules, be and the same hereby is amended by substituting for the line "Assistant Secretary" the following: "Executive Secretary."

The Committee on Transfers recommended that the following transfers be approved:

Eleanor F. Walker, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

Agnes Dunne, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

Charles F. Quinlan, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

Catharine McCarthy, from the position of Attendant in the Department of Bridges to a similar position in the office of the President of the Borough of Manhattan.

Anna T. Durkin, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

John J. Walsh, from the position of Attendant in the office of the President of the Borough of Brooklyn to a similar position in the office of the President of the Borough of Manhattan.

Mathias W. Gleason, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

John Schecker, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

Thomas J. Lyons, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Manhattan.

Richard Gorman, from the position of Attendant in the Department of Docks and Ferries to a similar position in the office of the President of the Borough of Brooklyn.

Lawrence J. Hanley, from the position of Clerk (fifth grade) in the Department of Street Cleaning to a similar position in the Board of Water Supply.

John Slattery, from the position of Watchman to that of Messenger in the Department of Docks and Ferries.

F. W. Sherwin, from the position of Assistant Draughtsman in the Board of Education to a similar position in the Board of Water Supply.

Patrick H. Travers, from the position of Chief of Construction at Repair Shops to that of Battalion Chief in the Fire Department, he having formerly held the latter position.

Miss E. Althea Duke, from the position of Stenographer and Typewriter (second grade) in the Department of Health to a similar position in the Department of Water Supply, Gas and Electricity.

And that the following transfer be disapproved:

Joseph A. Foran, from the position of Gardener in the Department of Parks, Boroughs of Brooklyn and Queens, to that of Oiler in the Department of Water Supply, Gas and Electricity.

The recommendations of the Committee on Transfers were adopted.

The Committee on Reinstatements recommended that the following reinstatement be approved:

Pierre Hulsart, in the position of Rodman in the Board of Water Supply, he having resigned from a similar position on October 1, 1905.

The recommendation of the Committee on Reinstatements was adopted.

The appeals of the following named candidates for the position of Patrolman for a postponement of their medical and physical examination were granted, the reasons set forth by them for making such requests being satisfactory to the Commission:

28518. John F. A. Devlin, No. 18 John street, Port Richmond.

28291. Thomas J. Fitzgerald, No. 140 East Sixteenth street.

28173. Hugh Haigney, No. 758 East One Hundred and Thirty-fifth street.

28141. William B. Mott, No. 2048 Seventh avenue.

28022. Peter J. Groom, No. 1817 Nostrand avenue, Brooklyn.

27706. John J. McGuire, No. 199 East One Hundred and First street.

27480. James F. Sheerin, No. 667 Greenwich street.

28090. James J. Donlin, No. 419 East Seventeenth street.

28189. William Hanssherr, No. 33 Barrow street.

28239. John C. Lyons, No. 258 First avenue.

28339. James H. Moley, No. 13 Conselyea street, Brooklyn.

28352. Martin Davis, One Hundred and Sixty-eighth street and Woodcrest avenue.

28105. Hugh T. McKenna, No. 230 East Fifty-sixth street.

28308. Michael J. Laracy, No. 2209 Belmont avenue, The Bronx.

28431. William M. McDonough, No. 1245 Webster avenue, The Bronx.

28368. Joseph Glaubman, No. 5 Eldridge street.

28286. Joseph A. Hughes, No. 165 Norman avenue, Brooklyn.

28019. Edward J. Falvey, No. 57 Third street, Long Island City.

26188. William W. O'Brien, No. 165 East Forty-ninth street.

28565. James J. Nallin, No. 109 President street, Brooklyn.

27909. William P. Thellusson, No. 218 Lafayette street.

28763. Kyrie D. Clemens, No. 400 Riverside avenue.

27799. Timothy Ryan, No. 166 East Eighty-fourth street.

The appeals of the following named candidates for the position of Patrolman, for a postponement of their medical and physical examination, were denied, the reasons given by them for making such requests being unsatisfactory to the Commission:

28149. Daniel J. O'Neill, No. 271 Hudson street.

28250. Patrick J. Collins, No. 162 Grand avenue, Brooklyn.

28051. Felix D. A. Nagle, No. 244 West Twelfth street.

27002. Frank X. Nugent, No. 83 Barker street, West New Brighton.

28177. William C. Redeke, No. 545 Brook avenue, The Bronx.

28184. Patrick J. Hanlon, No. 246 East Eighty-third street.

28353. Peter Bohmke, No. 1833A DeKalb avenue, Brooklyn.

28311. Michael Finneran, No. 1281 St. Marks avenue, Brooklyn.

28467. Warren E. Burrows, No. 49 Hart street, Brooklyn.

27467. Patrick Fitzmaurice, No. 117 East One Hundred and Twelfth street.

28445. William J. Kelly, No. 450 West One Hundred and Fifty-first street.

28417. Harry B. McLean, No. 648 Amsterdam avenue.

28389. Dennis M. Shanahan, No. 122 Dikeman street, Brooklyn.

28345. Joseph Pirnak, No. 188 East Third street.

28302. Jacob Tobias, No. 123 Henry street.

The requests of the following named candidates for Patrolman, that they be permitted to correct the date of birth set forth in their applications, were granted, the proof submitted by them being satisfactory to the Commission:

27360. John Corry, No. 323 East Sixty-fifth street.

28564. Daniel F. Williams, No. 1383 Gates avenue, Brooklyn.

29409. George Cadger, No. 234 Kingsland avenue, Brooklyn.

30072. Edward M. Martin, No. 309 West Twenty-first street.

28761. John J. Gillen, No. 108 Rodney street, Brooklyn.

The request of the following named candidate for Patrolman, that he be permitted to correct the date of birth set forth in his application, was denied, the proof submitted by him being insufficient to convince the Commission that an error was made in first giving such date:

20690. John J. Farrell, No. 36 Madison street, Brooklyn.

The appeals of the following named candidates for the position of Patrolman, for a medical re-examination, were granted, it appearing from the proof submitted that an error was made by the Examining Physician in rejecting them:

25172. Thomas P. O'Connor, No. 473 Washington street.

26335. Peter Cassidy, No. 1267 Park avenue.

20353. George M. Renselaer, No. 158 West Ninety-eighth street.

27063. Frank Welsh, No. 18 Tompkins street, Stapleton.

27678. James J. Hannon, No. 372 West One Hundred and Twentieth street.

25329. Frank R. Mottola, No. 216 East Sixth street.

27927. Eugene R. Dunn, No. 320 East Twenty-fourth street.

28089. William Mansfield, No. 435 East Fourteenth street.

28459. William H. Cords, No. 548 Liberty avenue, Brooklyn.

The appeals of the following named candidates for the position of Patrolman, for a medical re-examination, were denied, no error on the part of the Examining Physician being indicated:

26036. George L. Stack, No. 231 East Sixtieth street.

26865. Stephen A. Gandolfi, No. 2517 Eighth avenue.

26968. James T. Quinn, No. 202 West One Hundred and Thirty-fourth street.

27531. Thomas F. Whitcome, No. 5711 Fourth avenue, Brooklyn.

27559. James H. Ordning, No. 453 Gates avenue, Brooklyn.

27637. William Murphy, No. 16 Rush street, Brooklyn.

27666. Thomas F. Flynn, No. 326 Bergen street, Brooklyn.

27748. Thomas P. Kelly, No. 706 East One Hundred and Thirty-seventh street.

27464. Roger Lee, No. 1586 First avenue.

The appeals of the following named candidates from the ratings received by them in their mental examination were denied, no errors or mistakes of marking being indicated:

Robert T. Shannon, No. 483 Amsterdam avenue, Engineer of Steamer.

William F. Craven, No. 312 Willis avenue, Engineer of Steamer.

Frederick Schaefer, Egbert avenue, near Jewett avenue, West New Brighton, Engineer of Steamer.

James J. Melia, No. 307 East Forty-first street, Engineer of Steamer.

Henry Unbekant, No. 88 South Fourth street, Brooklyn, Engineer of Steamer.

Edward J. Brennan, No. 455 Ninth avenue, Engineer of Steamer.



Albert Orth, No. 153 West Sixty-eighth street, Engineer of Steamer.  
 John Petz, No. 153 West Sixty-eighth street, Engineer of Steamer.  
 Tony Ottmann, No. 249 New Jersey avenue, Brooklyn, Engineer of Steamer.  
 Thomas Cowhill, No. 283 Clifton place, Brooklyn, Engineer of Steamer.  
 Charles A. Peterson, No. 210 Thirty-sixth street, Brooklyn, Engineer of Steamer.  
 John W. Powers, No. 402 West Forty-sixth street, Engineer of Steamer.  
 Frederick C. Reich, No. 206 East Seventieth street, Assistant Foreman, Fire Department.

Mary L. Doremus, No. 446 West Thirty-fourth street, Probation Officer.  
 Frederick C. Riley, M. D., No. 15 William street, Oculist.  
 Robert Goetz, No. 17 Avenue A, Draughtsman's Helper.  
 Eugene Nagy, No. 320 West One Hundred and Thirteenth street, Transitman and Computer.

John P. Burns, No. 558 East Twenty-eighth street, Vanderveer Park, Telephone Operator.

John C. Schuster, No. 357 West One Hundred and Eighteenth street, Telephone Operator.

Martin Nolan, No. 28 Hope street, Brooklyn, Telephone Operator.

The President presented the following report on transfers, reinstatements, etc., in the labor class, acted upon by him:

#### Transfers Approved.

August Goldner, from Dock Laborer to Foreman of Dock Laborers, Department of Docks and Ferries.

Samuel Howes, from Laborer (Rockman) to Assistant Foreman, office of the President of the Borough of Manhattan.

Michael Hanophy, from Laborer to Assistant Foreman, office of the President of the Borough of Manhattan.

James Fitzgerald, from Cleaner, Board of Education, to Laborer, office of the President of the Borough of Brooklyn.

Neil Bradley, from Assistant Foreman to Foreman of Laborers, office of the President of the Borough of Brooklyn.

Morris Barnett, from Park Laborer, Department of Parks, Brooklyn and Queens, to Laborer, office of the President of the Borough of Brooklyn.

William Orderman, from Rammer to Paver, office of the President of the Borough of Queens.

Thomas Kelly, from Driver to Dump Boardman, Department of Street Cleaning.

Hugh Brennan, from Sweeper to Dump Boardman, Department of Street Cleaning.

Jacob Hunt, from Sweeper to Dump Boardman, Department of Street Cleaning.

Adam Hines, from Driver to Dump Boardman, Department of Street Cleaning.

John J. Ryan, from Driver to Stableman, Department of Street Cleaning.

George Kerr, Laborer, from Department of Parks, Brooklyn and Queens, to Department of Water Supply, Gas and Electricity.

Joseph Kuss, from Laborer to Pipe Caulker, Department of Water Supply, Gas and Electricity.

James S. Nelly, from Laborer to Assistant Foreman, Department of Water Supply, Gas and Electricity.

Thomas Kelly, from Cleaner, Board of Education, to Laborer, Department of Water Supply, Gas and Electricity.

Alexander Knobel, from Laborer to Pipe Caulker, Department of Water Supply, Gas and Electricity.

#### Reinstatements Approved.

John Scanlon, Mason's Helper, office of the President of the Borough of The Bronx.

Harvey S. Powell, Laborer, office of the President of the Borough of The Bronx.

Thomas Kelly, Driver, Department of Street Cleaning.

Thomas Callahan, Sweeper, Department of Street Cleaning.

#### Reassignments Approved.

Robert S. Brownell, Laborer, office of the President of the Borough of Manhattan.

Martin Kennedy, Park Laborer, Department of Parks, boroughs of Manhattan and Richmond.

James Haggerty, Park Laborer, Department of Parks, boroughs of Manhattan and Richmond.

#### Applications Denied.

Request of the Commissioner of Docks and Ferries for authority to transfer Andrew Wilson from Dockbuilder to Ship Carpenter, there being a preferred list for the latter position.

Request of the President of the Borough of Manhattan for authority to transfer Frank B. O'Connell from Assistant Foreman to Foreman of Laborers, there being a preferred list for the latter position.

Request of the President of the Borough of Manhattan for authority to transfer William Cannon from Assistant Foreman to Foreman of Laborers, there being a preferred list for the latter position.

Request of the President of the Borough of Brooklyn for authority to transfer Kate Craig from Cleaner, Brooklyn Disciplinary Training School, to his department, the position of Cleaner in the Brooklyn Disciplinary Training School being in the non-competitive class.

Request of the President of the Borough of Queens for authority to transfer Philippo Schifini from Sweeper, Department of Street Cleaning, to Sweeper, Bureau of Street Cleaning, Borough of Queens, he having been less than one year in the service.

The report of the President was adopted.

On motion, it was

Resolved, That, it appearing from certain discrepancies in the declaration sheet filled out by the person presenting himself as Frank Connolly, No. 225 East Fourteenth street, New York City, that he is not the person who made application under that name for examination for the position of Attendant, the Secretary is hereby directed to remove said name from the eligible list in accordance with the provisions of Civil Service Rule VII., paragraph 14.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to communicate with William C. Klepper, No. 219 Schaefer street, Brooklyn, candidate for promotion to Roundsman in the Police Department, and inform him that in complying with the recent order of Mr. Justice Marean of the Supreme Court to reread his papers in said examination by eliminating the fines on his record imposed during his probationary period, it was discovered that an error was made in the original rating of the papers, and that the percentage to which he was really entitled was not sufficient to warrant the placing of his name on the eligible list; in view of which facts he will be given an opportunity to appear before the Commission on Wednesday, July 11, 1906, at 10 o'clock in the forenoon to show cause why his name should not be removed from the list for promotion to Roundsman under the provisions of Civil Service Rule VII., paragraph 14.

On motion, it was

Resolved, That the eligible list for the position of Attendant resulting from the examination held on March 30, 1906, be and the same is hereby established as of June 21, 1906, the day on which the rating of the papers was completed.

A communication was presented from G. L. Sterling, Esq., Acting Corporation Counsel, dated June 28, 1906, advising the Commission to obey the terms of the peremptory writ of mandamus issued by Mr. Justice Bischoff of the Supreme Court on the 20th day of June, 1906, directing the Commission "to make and attach, or cause to be made and attached" to the pay-roll submitted by the Board of Education a certificate in the usual form to the effect that J. Emory Douglass was promoted to the position of Chief Clerk in that department, with salary at the rate of \$3,000 per annum, on the 5th day of April, 1905, pursuant to the Civil Service Law and to the rules made thereunder. The Secretary was instructed to attach the certificate of the Commission to Mr. Douglass' pay-roll, in accordance with the order of the court and the advice of the Acting Corporation Counsel, and forward the same to the Comptroller for audit.

The Secretary called the attention of the Commission to a copy of a peremptory writ of mandamus issued by Mr. Justice Marean of the Supreme Court on the 30th day of June, 1906, directing the Board of City Magistrates, Second Division, and the Municipal Civil Service Commission to rescind the action severally taken by them pursuant to which Daniel Quinn was transferred from the position of Cashier in the

Finance Department to the position of Assistant Court Clerk, Criminal, in the Magistrates' Court, Second Division; and further commanding the Municipal Civil Service Commission to certify to the said Board of City Magistrates, Second Division, the names of the three persons highest on the eligible list for appointment to the position of Assistant Court Clerk, Criminal; and further commanding said Board of City Magistrates, Second Division, to make an appointment to said position from the names so certified; and further commanding the Municipal Civil Service Commission to restore the name of Daniel Quinn to the eligible list for appointment to the position of Assistant Court Clerk, Criminal, in the same position it would have been on said list had he not been transferred from the position of Cashier in the Finance Department. On motion, it was

Resolved, That the transfer of Daniel Quinn from the position of Cashier in the Finance Department to the position of Assistant Court Clerk, Criminal, in the Board of City Magistrates, Second Division, which transfer was approved by the Municipal Civil Service Commission on July 13, 1904, be and the same is hereby canceled, and the certificates issued by the Commission authorizing said transfer hereby is rescinded.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to certify to the Board of City Magistrates, Second Division, the names of the three persons standing highest on the eligible list for Assistant Court Clerk, Criminal, for appointment to the position in said Court vacated by the order of Mr. Justice Marean.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to restore the name of Daniel Quinn to the position it occupied on the eligible list for Assistant Court Clerk, Criminal, prior to his transfer to that position in the Board of City Magistrates, Second Division.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to communicate with the Acting Corporation Counsel and advise him of the foregoing proceedings of the Commission in order that he may inform the Court in what manner its command has been executed.

On motion, it was

Resolved, That Dr. Payne B. Parsons, of No. 501 West One Hundred and Twenty-third street, Manhattan, and

employed as Sanitary Experts by the Metropolitan Sewerage Commission of The City of New York for a period of two months, be and they hereby are exempted from competitive examination under the provisions of Civil Service Rule XII., paragraph 6, it appearing that the services to be rendered are professional, scientific and expert, and of an occasional and exceptional character; provided, however, that their compensation shall not exceed the sum of \$250 each.

A communication was presented from the Commissioner of Bridges, dated June 28, 1906, requesting that he be permitted to withdraw his request for the cancellation of the examination for promotion to Assistant Engineer in his Department, as he desired that the same be held. In view of the fact that the general promotion examination to the grade of Assistant Engineer in the various departments had been held, the request was denied.

A communication was presented from the Secretary of the Department of Public Charities, dated June 30, nominating Mr. David Wylie for a non-competitive examination to qualify him for a provisional appointment to the position of Steward, under the provisions of Civil Service Rule XII., paragraph 3.

On motion, it was

Resolved, That the Chief Examiner be and he hereby is directed to proceed with a non-competitive examination of Mr. David Wylie to qualify him for employment as Steward in the Department of Public Charities, pending the promulgation of an eligible list for that position.

The reassignment to duty of Mr. Henry F. Metz, Inspector of Regulating, Grading and Paving in the office of the President of the Borough of The Bronx, was approved, it appearing from the doctor's certificate furnished that his absence from May 17 was due to illness.

The request of the Board of Education for approval of an additional leave of absence without pay, for a period of two months, granted William B. Bromell, Inspector of Fuel, was denied, it appearing that the employee had been on leave of absence since January 1, 1906, a period of six months.

The reassignment to duty of Mr. John Corbly, Inspector of Sewer Connections in the office of the President of the Borough of The Bronx, was approved, it appearing from the certificate furnished that his absence from the Department since January 1 was due to illness.

The report of the Board of Examiners for positions in the non-competitive class, Brooklyn Disciplinary Training School for Boys, dated June 26, 1906, was approved, upon the recommendation of the Chief Examiner.

A communication was presented from the Clerk of the Court of Special Sessions, Second Division, dated June 29, 1906, requesting that the temporary employment of Mr. John L. Webb as Stenographer in that Court be extended for a period of one month, to and including July 31, 1906. The Secretary stated that Mr. Webb was appointed from the list of Court Stenographers for employment in that Court for a period of one month. The request was granted.

A communication was presented from the Clerk of the Court of Special Sessions, Second Division, requesting, by direction of the Board of Justices, approval of the promotion of William J. Fitzgerald, No. 152 Nelson street, Brooklyn, from the position of Court Attendant to that of Assistant Court Clerk, on the ground that he had formerly occupied the latter position. The request was denied, and the Secretary was instructed to state that the vacancy existing at present in the position of Assistant Court Clerk in that Court must either be filled through a competitive promotion examination of all Court Attendants in the employ of the Court or through an appointment from the eligible list for Assistant Court Clerk.

On motion, it was

Resolved, That the appointment of Milton J. Pratt, of Peekskill, New York, to the position of Office Boy in the Board of Water Supply, with salary at the rate of \$20 per month, be and the same is hereby approved, under the provisions of Civil Service Rule XII., paragraph 7, it appearing that the services are to be rendered outside The City of New York, and that appointment from the eligible list for Office Boy is not practicable.

A communication was presented from the Board of Coroners, Borough of Queens, dated June 21, requesting approval of a leave of absence without pay for two months granted Dr. Benjamin G. Strong, Coroner's Physician, on account of illness, and asking the consent of the Commission to employ Dr. John C. Teas, of Flushing, as Coroner's Physician, in Dr. Strong's absence. The leave of absence was approved, and there being no eligible list for Coroner's Physician from which names could be certified for temporary employment, the Chief Examiner was directed to summon Dr. Teas for non-competitive examination to qualify him for service as Coroner's Physician for a period of two months, in the office of the Board of Coroners, Borough of Queens.

A communication was presented from Mr. F. E. Bauer, No. 66 Third avenue, New York City, requesting to be informed whether he would be permitted to enter an examination for promotion to Registrar of Records in the Department of Public Charities, he being employed as an Examiner. The Secretary was instructed to communicate with Mr. Bauer and state that under the rules only those persons serving in the grade next lower in the same group of positions in the clerical service as Registrar of Records would be permitted to compete in the examination for promotion to that position.

A communication was presented from Joseph Curren, Jr., Rosebank, Staten Island, protesting against the marking or rating of the papers of candidates for promotion from fourth to fifth and from fifth to sixth grade Clerk in the Board of Education, for the reason that he was not notified for those examinations. The Secretary stated that Mr. Curren was employed as Clerk in the Bureau of Supplies, Board of Education; he was suspended on August 16, 1905, pending a hearing of charges which had been preferred against him; that he was dismissed on January 24, 1906; that he was subsequently reinstated in his position as of January 24, 1906, in accordance with the advice of the Corporation Counsel; that as he had not served continuously for a period of six months in the grade in which he was serving at the time of examination, he had not been notified to appear and qualify for promotion to the next higher grade. The communication was ordered filed.

A communication was presented from Peter J. Tracy, dated June 29, to the effect that he had been employed as an Office Boy in the Department of Finance for a



period of one year, and that he never received a notice to appear for examination for promotion to Junior Clerk, and requesting a special examination to qualify him for such promotion. The request was denied.

A communication was presented from Michael J. Mulqueen, requesting that his name be restored to the eligible list for Patrolman, and stating that although he notified the Commission of his change of address from No. 140 East Twenty-eighth street to No. 308 Third avenue his name was certified as residing at No. 303 Third avenue, consequently the notice sent him by the Police Department on May 12 did not reach him until May 19, at which time he was ill and unable to notify the Commission of its error. The request was granted.

The request of Thomas F. Garrity, No. 286 President street, Brooklyn, that his name be restored to the list of Patrolman was granted, it appearing from the affidavit forwarded by him that he was prevented from appearing at the Police Department for appointment in accordance with the notice received from said Department owing to illness.

An affidavit was presented from Frank J. Tynan, of No. 275 West One Hundred and Fortieth street, dated June 25, to the effect that although his name was certified to the Department of Health for appointment to the position of Inspector of Foods (milk) with his correct address, the Health Department informed him that the notice of appointment sent him was returned by the Post Office authorities marked "Not found;" that he had received from the Civil Service Commission the postal-card notice of his certification and was at a loss to understand why the postal authorities failed to deliver the notice of appointment at his house, and requesting that his name be restored to the eligible list. The request was granted.

A communication was presented from F. P. L. Mills, No. 299 Broadway, New York City, requesting that his name be restored to the list for Architectural Draughtsman, and stating that the memorandum from the Board of Education to the effect that he declined appointment from that list was an error, as he would not decline any position offered him. The request was granted.

The resignation of Miss Sophie M. Mayer from the position of Monitor in the Civil Service Commission was accepted.

A communication was presented from George W. Blake, Esq., publisher of "Democracy," requesting that that paper be placed on the list of those receiving the advertisements of the examinations conducted by the Municipal Civil Service Commission. The communication was ordered continued on the calendar for the first meeting in the month of September.

A communication was presented from James J. Landy, No. 125 East Ninety-third street, requesting that his name be restored to the list of Rodman. The request was granted, he having been appointed to that position in the Board of Water Supply on March 14, 1906, but obliged to resign on April 1, 1906, owing to illness.

The Secretary stated that he had investigated the allegations contained in a communication from one John McDonald, dated June 24, 1906, to the effect that two persons were being carried on the pay-rolls of the President of the Borough of Manhattan as Bath Attendants under the names of Elias Fisher and James P. Fitzsimmons, who were in reality not those persons, and that he had notified said persons to appear at the office of the Commission, which they had failed to do. The Secretary was instructed to communicate with the President of the Borough of Manhattan and request him to at once dismiss said persons from the service of his Department, and to drop their names from the roster of the Civil Service Commission.

The Commission then adjourned to meet Wednesday, July 11, 1906, at 10 o'clock.

FRANK A. SPENCER, Secretary.

#### MUNICIPAL CIVIL SERVICE COMMISSION.

##### ELIGIBLE LIST FOR PROCESS SERVER.

Promulgated August 20, 1906.

	Per Cent.
*1. DeWitt, Peter, No. 247 South Fifth avenue, Mount Vernon.....	70.60
2. Walsh, Thomas F., No. 52 William street.....	95.40
3. Marquette, Joseph R., Jr., No. 118 East One Hundred and First street....	91.80
4. Tansey, Patrick J., No. 1409 Second avenue.....	91.60
5. Murray, John J., No. 7 Jane street.....	90.60
6. Doland, John B., No. 422 East One Hundred and Sixteenth street.....	90.60
7. Goldberger, Nathan G., No. 784 East One Hundred and Forty-eighth street	90.00
8. Freundlich, Bernard, No. 76 West One Hundred and Thirteenth street....	89.00
9. Waters, Earle P., No. 1461 DeKalb avenue, Brooklyn.....	88.60
10. Freedman, Jacob S., No. 99 Monroe street.....	88.20
11. Carter, James A., No. 243 Broadway.....	88.00
12. Grieve, John T., Van Wicklen place, Ozone Park, Long Island.....	87.80
13. Wolburg, Gustave, No. 475 Fulton street, Brooklyn.....	87.60
14. Loft, John J., No. 2½ Macdougall street.....	87.20
15. Schwebel, Jacob J., No. 3007 West Third street, Coney Island, Brooklyn..	87.20
16. Kurzman, Joseph, No. 262 Division street.....	87.00
17. May, Charles, No. 180 East One Hundred and Seventeenth street.....	87.00
18. McQuade, Joseph, No. 1969 Hughes avenue.....	86.40
19. Kelly, Charles B., No. 1380 Third avenue.....	86.20
20. Furst, Morris, No. 199 Second street.....	85.40
21. Carroll, John J., No. 330 West Twenty-first street.....	85.40
22. McWilliams, John T., No. 289 Pearl street, Brooklyn.....	85.40
23. Schaeffer, Louis, No. 318 East Sixth street.....	85.20
24. Cronin, William F., No. 2777 Eighth avenue.....	85.20
25. Sonberg, Albert, No. 129 Division street.....	85.00
26. Langan, Frank J., No. 390 Hicks street, Brooklyn.....	84.80
27. Caulfield, James H., Jr., No. 872 Madison street, Brooklyn.....	84.60
28. Keller, Meyer, No. 4048 Park avenue.....	84.00
29. McConnell, John B., No. 11 Fourth street, Brooklyn.....	84.00
30. Higgins, Joseph F., No. 2142 Third avenue.....	84.00
31. Gillroy, John J., No. 237 East Thirty-third street.....	84.00
32. Bellinger, William H., No. 2164 Washington avenue.....	83.80
33. Rice, Charles H., No. 247 East Twenty-first street.....	83.40
34. Folk, Nathan, No. 187 Henry street.....	83.40
35. Flattery, Joseph F., No. 784 Bergen street, Brooklyn.....	83.20
36. Martin, John J., No. 254 West One Hundred and Twelfth street.....	83.20
37. O'Donnell, Martin, No. 924 Atlantic avenue, Brooklyn.....	83.00
38. Gewertz, Morse M., No. 106 Pulaski street, Brooklyn.....	83.00
39. Kessler, Samuel J., No. 491 East Houston street.....	83.00
40. Schwartzberg, Samuel, No. 137 Norfolk street.....	83.00
41. Curran, Thomas F., No. 56 Hale avenue, Brooklyn.....	82.80
42. Cuff, William A., No. 395 Cumberland street, Brooklyn.....	82.80
43. Cahill, Edward, No. 71 Verona street, Brooklyn.....	82.60
44. Stern, Henry, Nos. 279 and 281 East Third street.....	82.60
45. Ward, John F., No. 179 Essex street, Brooklyn.....	82.60
46. Coller, Edward, No. 1452 First avenue.....	82.60
47. Chapman, Milton, No. 375 Fifty-seventh street, Brooklyn.....	82.40
48. Pearlman, Henry, No. 238 Pearl street, Brooklyn.....	82.00
49. Stone, Leo J., No. 104 West One Hundred and Forty-fourth street, Brooklyn.....	81.80
50. Shephard, Robert C., No. 34 Patchen avenue, Brooklyn.....	81.20
51. Holzer, Nathan, No. 231 Eldridge street.....	81.00
52. Lovinger, Herbert, No. 205 Throop avenue, Brooklyn.....	80.80
53. Stuber, Arthur, No. 226 Myrtle avenue, Brooklyn.....	80.80
54. Carpenter, Thomas B., No. 489 Wythe avenue, Brooklyn.....	80.80
55. Arbuckle, Woodward A., No. 101 West Eighty-third street.....	80.20
56. Corpening, Asa H., No. 408 West Twenty-fifth street.....	80.20
57. Macrery, Wallace T., No. 511 Sixth street, Brooklyn.....	79.80
58. Rosenberg, Maurice L., No. 526 Grand street.....	79.60
59. Caragher, Joseph A., No. 310 West One Hundred and Twenty-ninth street.....	79.60
60. McMullen, John, No. 932 Pacific street, Brooklyn.....	79.60
61. Dennin, John F. L., No. 323 East Twenty-fourth street.....	79.60
62. Austin, Edmund O., No. 368 West Fifty-fifth street.....	79.40
63. Weiss, Louis C., No. 305 Henry street.....	79.20
64. McFadden, Edward, Jr., No. 347 Ninety-second street, Brooklyn.....	78.80

65. Wagner, Winfield S., No. 2265 Seventh avenue.....	78.60
66. O'Connell, William A., No. 5023 Fourteenth avenue, Brooklyn.....	78.60
67. Ebmeyer, Edwin A., No. 130 East End avenue.....	78.60
68. Rushford, William T., No. 111 Charlton street.....	78.20
69. Stutsky, Jacob, No. 80 Rutgers slip.....	78.20
70. Horwich, Joseph, No. 210 East Broadway.....	77.20
71. McCormack, William F., No. 249 West Fifteenth street.....	76.80
72. McEntee, Thomas F., No. 361 West Forty-second street.....	76.80
73. Conway, Eugene J., No. 462 State street, Brooklyn.....	76.80
74. Friedman, Jacob, No. 261 Madison street, care A. Guttman.....	76.20
75. McDonnell, James J., No. 207 East Eighty-fourth street.....	76.00
76. Kuntze, Alfred H., No. 406 Fifth street.....	75.80
77. Murphy, William H., No. 36 West Sixty-fifth street.....	75.80
78. Bernstein, Maurice, No. 503 Hudson street.....	75.40
79. Mauer, John, No. 1295 Third avenue.....	75.20
80. Goldson, George, No. 62 East One Hundred and Sixth street.....	75.20
81. Wayer, Charles F., No. 317 East Forty-sixth street.....	74.80
82. Rosenberg, Abraham, No. 39 Christopher street.....	74.60
83. Erler, Gustav, Matilda avenue, Wakefield, The Bronx.....	74.60
84. Smith, Edward T., No. 152 East Eighty-fourth street.....	74.40
85. Davidson, William C., No. 757 Monroe street, Brooklyn.....	74.20
86. McCullen, Edward J., No. 314 East Thirty-second street.....	74.20
87. Vache, George R., No. 174 West 109th street.....	74.00
88. Carroll, Charles J., No. 106 East Eighty-fourth street.....	74.00
89. Lee, Daniel J., No. 1702 Third avenue.....	74.00
90. Dease, Harry J., No. 922 Pacific street, Brooklyn.....	74.00
91. Sullivan, James F., No. 242 Mulberry street.....	73.80
92. Green, Benjamin, No. 120 Forsyth street.....	73.80
93. Meyer, Max, No. 456 Central avenue, Brooklyn.....	73.20
94. Weissman, Samuel H., No. 190 East One Hundred and First street.....	73.20
95. McCool, James H., No. 521 Pacific street, Brooklyn.....	73.20
96. Grunwald, Isidore, No. 310 East Eighty-fifth street.....	73.20
97. Kennedy, Alfred J., No. 252 Hudson street.....	73.00
98. Clary, Robert T., No. 711 East One Hundred and Thirty-seventh street.	72.80
99. Ussiker, Irving J., No. 10 East One Hundred and Fifteenth street.....	72.60
100. Henrich, Peter C., No. 21 Clinton street.....	72.60
101. Melville, Joaquin P., No. 402 Thirteenth street, Brooklyn.....	72.40
102. Henschel, Moses, No. 928 Manhattan avenue, Brooklyn.....	72.40
103. Devoe, George, Jr., No. 20 Heyward street, Brooklyn.....	72.40
104. Berrick, Milfred M., No. 109 East Eightieth street.....	72.20
105. Byrne, William, No. 131 East Thirty-first street.....	72.20
106. Lennon, Edward F., No. 628 East Twelfth street.....	72.20
107. Wiegand, William, No. 891 East One Hundred and Thirty-fourth street..	72.20
108. Sullivan, Edward J., No. 36 Prospect street, Brooklyn.....	72.00
109. Vette, William H., No. 56 Clarkson street.....	72.00
110. Baer, Charles F., No. 331 East Sixty-ninth street.....	71.60
111. Rapoport, Alfred A., Nos. 31 and 33 Montgomery street.....	71.60
112. Kean, Eugene V., No. 967 Park avenue.....	71.60
113. Cantillon, Richard J., No. 356 Sixth street, Brooklyn.....	71.40
114. Healey, Thomas S., No. 42 Barrow street.....	71.40
115. Furey, Daniel, No. 648 Fourth avenue, Brooklyn.....	71.20
116. Salomon, Joseph, No. 172 Avenue C.....	71.00
117. Sullivan, Daniel, No. 178 West One Hundred and Thirty-seventh street..	71.00
118. Abraham, Jacob, No. 234 Seventh street.....	70.60
119. Cahill, James P., No. 237 East One Hundred and Twelfth street.....	70.60
120. King, Charles E., No. 224 West Thirtieth street.....	70.40
121. Mason, Noah F., Jr., Bay Eighth street, Bath Beach, Brooklyn.....	70.40
122. Hillary, Timothy F., No. 63 Hulst street, Long Island City.....	70.20
123. O'Connor, Hugh E., No. 83 Madison street.....	70.00
124. Scanlon, John F., No. 4 East One Hundred and Seventeenth street.....	70.00
125. Hughes, William O., No. 57 Wyckoff street, Brooklyn.....	70.00
126. Feld, George S., No. 415 Forty-fifth street, Brooklyn.....	70.00
127. Latimer, Charles H., No. 195 Atlantic avenue, Brooklyn.....	70.00
128. Mesam, Louis O., No. 738 Prospect avenue.....	70.00
129. Dillon, Joseph F., One Hundred and Sixty-ninth street, near Concourse..	70.00

F. A. SPENCER, Secretary.

#### LAW DEPARTMENT.

The following schedules form a brief extract of the transactions of the office of the Corporation Counsel for the week ending August 11, 1906, as required by section 1546 of the Greater New York Charter.

Note—The City of New York or the Mayor, Aldermen and Commonalty of The City of New York is defendant, unless otherwise mentioned.

##### SCHEDULE "A."

##### Suits and Special Proceedings Instituted.

Court.	Register and Folio.	When Commenced.	Title of Action.	Nature of Action.
Supreme...	63 424	Aug. 6, 1906	McDonald, Frank B. (Matter of).....	For order dispensing with lost mortgage.
Supreme...	63 425	Aug. 6, 1906	Ogden Lumber Co., E. H., vs. the City et al.....	Summons only served.
Supreme...	63 426	Aug. 6, 1906	McGill, Frank.....	Personal injuries, run over by public cart, 32d st., 11th and 12th aves., \$2,000.
Sup., C'n Co	63 429	Aug. 7, 1906	Nichols, William W., and ano., vs. John B. Riley et al.....	For order directing Chamberlain to transmit money, amounting to \$115.96, deposited to credit of action to County Treasurer, Clinton Co.
Supreme...	63 427	Aug. 7, 1906	Held, Harry (Matter of).....	For order dispensing with lost mortgage.
Supreme...	63 428	Aug. 7, 1906	Henderson, William (Matter of).....	For order dispensing with lost mortgage.
Supreme...	63 430	Aug. 7, 1906	Meade, Thomas, vs. Theodore A. Bingham and ano.....	To restrain interference with premises 146 W. 45th st.
Supreme...	62 431	Aug. 7, 1906	Doran, Nellie, as adm'x, vs. the City and ano.....	For death of Peter Doran, fall, Broadway, 50th and 51st sts., \$15,000.
U. S. Dist..	42 441	Aug. 8, 1906	Mueler, Emil (Matter of).....	Bankruptcy proceeding.
Supreme...	63 433	Aug. 8, 1906	City of New York vs. Brooklyn Ferry Co. of New York and ano. (No. 6)...	To recover rentals under franchise to operate ferry, Grand st., Manhattan, and Grand st., Brooklyn, \$1,250.
Supreme...	63 434	Aug. 8, 1906	The City of New York vs. Brooklyn Ferry Co. of New York and ano. (No. 7).....	To recover rentals under franchise to operate ferry, E. 10th st., Manhattan, to Greenpoint ave., Brooklyn, \$1,375.
Supreme...	63 435	Aug. 8, 1906	The City of New York vs. Brooklyn Ferry Co. of New York and ano. (No. 8).....	To recover rentals under franchise to operate ferry, E. 42d st., Manhattan, to Broadway, Brooklyn, \$2,500.



Court.	Register and Folio.	When Commenced.	Title of Action.	Nature of Action.
Supreme...	63 436	Aug. 8, 1906	The City of New York vs. Brooklyn Ferry Co. of New York and ano. (No. 9) .....	To recover rentals under franchise to operate ferry, E. 23d st., Manhattan, and Greenpoint ave., Brooklyn, \$4,187.50.
Supreme...	63 437	Aug. 8, 1906	The City of New York vs. Brooklyn Ferry Co. of New York and ano. (No. 10) .....	To recover rentals under franchise to operate ferry, Roosevelt st., E. R., and Broadway, Brooklyn, \$5,000.
Supreme...	63 432	Aug. 8, 1906	Mackey, James F. (Matter of) .....	For order dispensing with lost mortgage.
Supreme...	63 438	Aug. 9, 1906	Von Lengerke, Justus, and ano. ....	Summons only served.
Sup., Q. Co.	63 439	Aug. 9, 1906	Hill, Gabriel (ex rel.), vs. Herman A. Metz and ano. ....	Mandamus to compel payment of claim for materials furnished, etc., sewer in 9th ave., Queens.
Sup., Q. Co.	63 440	Aug. 9, 1906	Peace, Harry B., and ano. (ex rel.) vs. Herman A. Metz and ano. ....	Mandamus to compel payment of claim for materials furnished, sewer, 2d ave., Queens.
Sup., Q. Co.	63 441	Aug. 9, 1906	Peace, Harry B., and ano. (ex rel.) vs. Herman A. Metz and ano. ....	Mandamus to compel payment of claim for materials furnished, etc., sewer, 16th ave., Queens.
Sup., Q. Co.	63 442	Aug. 9, 1906	Peace, Harry B., and ano. (ex rel.) vs. Herman A. Metz and ano. ....	Mandamus to compel payment of claim for materials furnished, etc., sewer, 5th ave., Queens.
Sup., Q. Co.	63 443	Aug. 9, 1906	Welch, Thomas (ex rel.), vs. Herman A. Metz and ano. ....	Mandamus to compel payment of claim for materials furnished, etc., sewer, 1st ave., Queens.
Sup., Q. Co.	63 444	Aug. 9, 1906	Welch, Thomas (ex rel.), vs. Herman A. Metz and ano. ....	Mandamus to compel payment of claim for materials furnished, etc., sewer, 1st ave., Queens.
U. S. Dist..	63 445	Aug. 9, 1906	Peale, John W. ....	Citation only served.
Sup., K. Co.	63 446	Aug. 9, 1906	Culp, Ernest M. ....	Amount due on contract for sewer construction, 3d ave., Bklyn., \$1,079.82.
Supreme...	F 2	Aug. 9, 1906	Union Club (ex rel.) vs. John J. Brady et al. ....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 3	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 1) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 4	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 2) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 5	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 3) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 6	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 4) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 7	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 5) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 8	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 6) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	F 9	Aug. 9, 1906	Rhineland Real Estate Company (ex rel.) vs. John J. Brady et al. (No. 7) .....	Certiorari to review assessment on relator's real property for 1906.
Supreme...	63 447	Aug. 9, 1906	Barbanes, Carrie, vs. Annie Barbanes et al. ....	Action in partition to divide premises in Westchester, etc.
Supreme...	63 448	Aug. 10, 1906	Albert, William H. F., administrator ....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$707.60.
Supreme...	63 449	Aug. 10, 1906	Bosch, Claus .....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$317.62.
Supreme...	63 449	Aug. 10, 1906	Bosch, Henry .....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$178.87.
Supreme...	63 450	Aug. 10, 1906	Ernest, Moritz L., and another .....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$1,013.25.
Supreme...	63 450	Aug. 10, 1906	Graham, Angeline....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$686.67.
Supreme...	63 451	Aug. 10, 1906	Helfrich, Gustav P. ....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$317.62.
Supreme...	63 451	Aug. 10, 1906	Jahn, Reinhold.....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$179.28.
Supreme...	63 452	Aug. 10, 1906	Moses, Solomon.....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$1,553.07.
Supreme...	63 452	Aug. 10, 1906	Noha, Frank.....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$120.27.
Supreme...	63 453	Aug. 10, 1906	Proffen, Charles H. ....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$804.83.
Supreme...	63 453	Aug. 10, 1906	Radley, John J. ....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$853.83.
Supreme...	63 454	Aug. 10, 1906	Tisdale, Henrietta E. ....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$1,296.43.
Supreme...	63 454	Aug. 10, 1906	Trueman, Charles....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$342.13.
Supreme...	63 455	Aug. 10, 1906	Williams, Laura A. ....	To recover assessment paid for paving 3d ave., 23d Ward line to 177th st., \$940.30.
Land Office	63 456	Aug. 10, 1906	Susswein, Henry M. (Matter of) .....	For a grant of land under water of East river.
Sup., K. Co.	63 457	Aug. 10, 1906	Seeley, Frances H., vs. Bd. of Education .....	Summons only served.
Sup., K. Co.	63 458	Aug. 10, 1906	Walker, Jerome, vs. Bd. of Education..	Summons only served.

Court.	Register and Folio.	When Commenced.	Title of Action.	Nature of Action.
Sup., Q. Co.	63 459	Aug. 10, 1906	Dirk, George, vs. Bd. of Education et al. ....	To foreclose lien.
Sup., R. Co.	63 460	Aug. 10, 1906	Krause, Ferdinand... ..	Damage to property, Bull's Head, Richmond, insufficient fire protection, \$21,466.85.
Supreme...	63 461	Aug. 11, 1906	The City of New York vs. Samuel R. Wiley .....	Summons only served.
Supreme...	63 462	Aug. 11, 1906	Stillwell, Joseph S. ....	Summons with notice for \$3,886.71 served.
U. S. Dist..	63 463	Aug. 11, 1906	Dailey, John D., vs. Alvin R. Morrison. ....	Citation only served.
Supreme...	63 464	Aug. 11, 1906	Neuchatel Asphalt Co., Limited, vs. The City et al. ....	To foreclose lien.
U. S. Dist..	63 465	Aug. 11, 1906	Schoonmaker, John D., et al. ....	For injury to Scow No. 3 of the Cary Brick Co., 79th st., E. R., \$8,975.
Co., K. Co..	63 466	Aug. 11, 1906	Orleans County Quarry Co. vs. The City et al. ....	To foreclose lien.
Sup., Q. Co. {	63 467 {	Aug. 11, 1906	Weiden, Charles, vs. The City et al. ....	To restrain dumping of garbage, etc., in scows, Arverne canal.
Sup., K. Co.	63 468	Aug. 11, 1906	Dailey, Henry C. (ex rel.), vs. John H. O'Brien and ano. ....	Certiorari to review dismissal from position of Fireman, Fire Dept.
Sup., K. Co.	B	Aug. 11, 1906	James, William H., vs. T. A. Bingham et al. ....	To restrain interference with business of selling pens, etc., Surf ave., C. I.

## SCHEDULE "B."

## Judgments, Orders and Decrees Entered.

John T. Sprague—Appellate Division order entered affirming judgment appealed from with costs.

Nora Hennessey; John J. Hennessey—Entered order changing place of trial to New York County.

People ex rel. August Oppenheimer vs. J. L. Wells et al.—Order entered reducing assessment to \$230,600.

People ex rel. James E. J. Kenny vs. T. A. Bingham; People ex rel. Daniel J. Reardon vs. same; People ex rel. Henry Hurlbut vs. same—Entered orders granting motions to vacate judgments.

People ex rel. William Spaulding vs. R. W. Heberd—Orders entered discontinuing proceedings without costs.

People ex rel. George H. Appleton vs. R. McCabe et al.—Order entered granting alternative writ of mandamus.

Winifred Pollock—Order of affirmance entered.

Emanuel Harris vs. T. A. Bingham—Entered order of discontinuance.

People ex rel. Fred W. Shepard vs. W. B. Ellison—Order entered on appeal from order.

Barnett Cohen and others vs. East New York Poultry Company—Order entered continuing injunction.

People ex rel. Fred W. Shepard vs. W. B. Ellison—Judgment of affirmance entered.

Catharine L. Valentine—Order of affirmance entered.

Gussie Still (Nos. 1, 2 and 3)—Entered order of discontinuance.

New York, Brooklyn and Manhattan Beach Railway Company vs. Curtis Brothers Lumber Company and others—Order of reference entered to Lewis L. Fawcett, Esq.

Eliza Van Alst, as administratrix—Order entered affirming order appealed from.

## Judgments Were Entered in Favor of the Plaintiffs in the Following Actions.

Date.	Name.	Register and Folio.	Amount.
July 21, 1906	Adams, Virginia G. ....	61 412	\$931 48
Aug. 6, 1906	Jensen, Charles M. ....	48 63	802 13
Aug. 8, 1906	Pollock, Winifred, infant, etc. ....	42 335	125 82

## SCHEDULE "C."

## Record of Court Work.

In re City of New York (Massapequa)—Motion to amend order submitted to White, J., and granted. E. H. Wilson for the City.

H. H. Jacques vs. T. A. Bingham—Argued before White, J. Decision reserved.

P. E. Callahan for the City.

Jennie Lotto vs. T. A. Bingham; Charles Long vs. Same; Millie Ricca vs. Same—Complaints dismissed before White, J. C. J. Druhan for the City.

People ex rel. William A. Powers vs. T. A. Bingham—Motion for mandamus argued before White, J. Decision reserved. W. Hughes for the City.

People ex rel. George S. Appleton vs. R. McCabe et al.—Motion for peremptory writ of mandamus argued before White, J. Motion denied and alternative writ allowed. W. Hughes for the City.

Valentine Henigan; Jane Glover; Turner Whitford; Georgine Classen; John Uhl—Motions for bill of particulars argued before Dickey, J., and granted. J. Kean for the City.

Barnett Cohen vs. Department of Health—Argued before Dickey, J. Decision reserved. J. Kean for the City.

Olympic Athletic Club vs. T. A. Bingham—Complaint dismissed before Dickey, J. J. Kean for the City.

Ann Saal vs. South Brooklyn Railroad Company and another—Argued before Dickey, J. Decision reserved. W. Hughes for the City.

People ex rel. William Spaulding vs. R. W. Heberd—Argued before Dickey, J. Decision reserved. W. Hughes for the City.

## SCHEDULE "D."

## Contracts, etc., Drafted, Examined and Approved as to Form.

Department.	Contracts Approved as to Form.	Contracts Examined and Returned for Revision.	Advertisements Approved as to Form.
Fire Department .....	6	1	4
Health Department .....	2	..	1
Department of Water Supply, Gas and Electricity .....	2	2	1
Park Department .....	1	..	1
Police Department .....	1	..	1
Department of Charities .....	1	..	1
Department of Correction .....	1	..	1
Department of Bridges .....	1	..	1
Dock Department .....	..	4	..
Borough Presidents .....	..	1	1
Total .....	15	8	12



Finance Department.....	Bonds Approved.....	13
Street Cleaning Department.....	Leases Approved.....	1
Finance Department.....	Releases Approved.....	1

## SCHEDULE "E."

Opinions Rendered to the Various Departments.

Department.	Number of Opinions.
Finance Department.....	11
Board of Education.....	3
Borough Presidents.....	2
Mayor.....	1
Board of Estimate and Apportionment.....	1
Total.....	18

JOHN J. DELANY, Corporation Counsel.

## BOROUGH OF QUEENS.

REPORT FOR THE QUARTER ENDING JUNE 30, 1906.

New York, August 5, 1906.

In accordance with the provisions of section 1544 of chapter 456 of the Laws of 1901, I transmit herewith the following report of the transactions of the office of the Commissioner of Public Works, Borough of Queens, for the quarter ending June 30, 1906:

## Public Moneys Received During the Quarter Ending June 30, 1906.

For restoring pavement over street openings.....	\$3,044 83
For electric conduit.....	6 00
For vault permits.....	107 70
For sewer connections and repairs.....	3,300 00
Total.....	\$6,458 53

## Permits Issued.

To open streets to tap water pipes.....	4
To open streets to repair water connections.....	658
To open streets to make sewer connections.....	275
To open streets to repair sewer connections.....	7
To place building material on streets.....	140
To construct street vaults.....	4
Special permits.....	593
To cross sidewalks.....	170
For subways, steam mains and various connections.....	122
For railway construction and repairs.....	1
To repair sidewalks.....	255
For sewer connections.....	330
Total.....	2,589

## Statement of Work Done, Bureau of Highways.

Paved Streets—	
Square yards of granite repaired.....	5,421
Square yards trap-rock repaired.....	228
Square yards cobble repaired.....	1,125
Square yards brick.....	1,068
Loads of sand used.....	1,504
Loads of stone hauled.....	760
Loads of cobble hauled.....	7
Loads of brick.....	23
Macadamized Streets—	
Square yards macadam repaired.....	9,068
Square yards macadam cleaned.....	629,166
Square yards macadam resanded.....	470,889
Square yards macadam picked up.....	15,522
Square yards macadam sanded and screened.....	28,870
Square yards macadam finished.....	8,003
Square yards macadam dressed with oil.....	34,200
Square yards macadam dressed with tar.....	45,845
Square yards broken stone spread on.....	12,180
Square yards dirt wings honed.....	568,015
Loads of screenings used.....	3,709
Loads of broken stone used.....	2,360
Loads of sand used.....	7,503
Loads of wornout material hauled away.....	19,211
Loads of loam used.....	122
Barrels of tar used.....	230
Loads of tar hauled.....	181
Gallons of oil used.....	12,312
Loads of oil used.....	12
Unpaved Streets—	
Square yards road graded.....	104,785
Square yards road crowned and repaired.....	245,074
Square yards sidewalks graded.....	2,630
Loads of gravel hauled away.....	2,976
Loads of dirt hauled away.....	16,058
Loads of dirt put on.....	37,869
Loads of ashes put on.....	381
Gutters—	
Linear feet of gutters cleaned.....	551,031
Linear feet of gutters formed.....	8,025
Loads of dirt hauled away.....	5,484
Flagging, Curbing, Etc.—	
Square yards flagstones relaid.....	11,357
Linear feet crosswalks relaid.....	128
Linear feet curb reset.....	258
Loads of dirt used.....	58
Trees and Weeds—	
Dead and dangerous trees cut down.....	19
Loads of tree wood hauled away.....	22
Square yards weeds cut down and removed.....	475
Trees trimmed.....	25

Viaducts and Bridges—	
Linear feet of bridge rail repaired.....	9
Linear feet of old bridge rail repaired.....	485
Culverts—	
Linear feet of culverts cleaned and repaired.....	175
Linear feet of culverts removed.....	52
Linear feet of culverts rebuilt.....	52
Linear feet of culverts rebuilt, 12-inch vitrified pipe.....	24

Washouts—	
Loads of dirt used.....	353
Loads of stone used.....	56
Loads of loam used.....	8
Loads of material removed from catch basins.....	42

Miscellaneous—	
Repairing Grand Street Bridge.....	
Repairing Newtown Creek Bridge.....	
Spikes and nails used, 4-inch, pounds.....	4
Spikes and nails used, 6-inch, pounds.....	20
Spikes and nails used, 5-inch, pounds.....	5
Spikes and nails used, 10-inch, pounds.....	100
Lamp posts removed to Corporation Yard.....	1

## Preliminary Surveys, Complaints.

Examining bridges and culverts, Second Ward.  
Supervising filling in gas service connections in the First Ward.

## Inspection Work.

Second avenue, Greene avenue, Sixth avenue, Whitestone avenue, Seventh avenue, Webster avenue, Fifteenth avenue, Beebe avenue, Sixteenth avenue, Crescent street, Van Alst avenue, Prospect street, Grove street.

## Work Done, Bureau of Sewers.

Linear feet of 24-inch pipe sewer.....	737
Linear feet of 18-inch pipe sewer.....	260
Linear feet of 18-inch pipe sewer.....	776
Linear feet of 15-inch pipe sewer.....	4,737
Receiving basins.....	7
Manholes.....	46
Feet B. M. foundation timber.....	3,438
Cubic yards rock excavated and removed.....	156

## The following sewers have been completed:

Radde street, from Jane street to Paynter avenue.  
Sixteenth avenue, from Broadway to Jamaica avenue.  
Academy street, from Webster avenue to Paynter avenue.  
Twentieth street, from Eighth street to Eleventh avenue, Whitestone.

The regular work of the Bureau during the quarter in the First, Second, Third and Fourth Wards consisted of the following:

Number of basins built.....	2
Number of manholes flushed.....	498
Linear feet of sewer cleaned.....	66,536
Number of basins cleaned.....	1,447
Linear feet of sewer examined.....	25,876
Linear feet of sewer flushed.....	70,915
Number of basins examined.....	494
Number of basins repaired.....	15
Linear feet of sewer repaired.....	469
Linear feet of sewer relieved.....	14
Number of basins relieved.....	132
Number of basin heads set.....	1
Number of basin heads reset.....	2
Number of basin grates put on.....	2
Number of manhole heads and covers set.....	2
Number of manholes repaired.....	2
Number of manholes cleaned.....	1,058
Open drains cleaned.....	28,050
Culverts and stone drains cleaned and repaired, feet.....	2,979
Box and pipe drains cleaned and repaired, feet.....	2,695

## Material used—

Brick.....	1,084
Cement, barrels.....	7½
Nails, pounds.....	66
Feet of pipe.....	161
Feet of plank.....	709
Loads removed from sewers and basins.....	2,840
Number loads of stone used.....	13½
Number of loads of earth used.....	87
Number of loads of sand used.....	4

## Far Rockaway Disposal Plant.

Tons of coal.....	179
Pounds of coal.....	400,161
Pounds of vitriol.....	400
Pounds of perchloride of iron.....	2,066
Pounds of manganese.....	400
Pounds of salt.....	410
Pounds of packing.....	32
Pounds of waste.....	80
Gallons of machine oil.....	112
Gallons of cylinder oil.....	92
Barrels of cement.....	8¾
Barrels of lime.....	194
Bags of sawdust.....	1
Gallons of sewage matter pumped and chemically treated.....	94,494,188
Flushed tanks cleaned.....	5
Bars of soap.....	2
Candles.....	3
Quarts of kerosene.....	1

## Jamaica Disposal Works.

Pounds of coal.....	118,000
Pounds of vitriol.....	150
Pounds of perchloride of iron.....	662
Pounds of manganese.....	150
Pounds of salt.....	150
Pounds of packing.....	20
Pounds of waste.....	62
Gallons of machine oil.....	17
Gallons of Cylinder oil.....	11¾
Barrels of cement.....	90
Gallons of sewage matter pumped and chemically treated.....	116,000,000
Tons of sludge removed to dump.....	125

## Elmhurst Disposal Plant.

Tons of coal.....	62
Pounds of coal.....	161,000
Pounds of salt.....	34



Pounds of packing .....	38
Pounds of waste .....	66
Gallons of machine oil .....	113 1/4
Gallons of cylinder oil .....	10 1/2
Barrels of cement .....	7
Barrels of lime .....	4
Gallons of sewage matter pumped and chemically treated.....	41,838.085
Flushed tanks cleaned .....	50
Bars of soap .....	1

## Bureau of Street Cleaning.

## Street Sweepings, Garbage, etc., Collected and Disposed of.

Ashes, loads .....	12,906
Sweepings, loads .....	9,962 1/4
Rubbish, loads .....	2,612
Garbage, loads .....	3,830 3/4
Miles of street swept .....	62

## Field Work, Topographical Bureau.

Running accurate traverses in Springfield, Rosedale and vicinity, force sustaining a topographical survey of the Borough.

Topographical survey of the borough with plane table, transit and level in Bayside, Queens and South Jamaica.

Special survey of Remsen's pond, Jamaica, for Corporation Counsel's office.

Miscellaneous location work and levels in the Fourth Ward.

Re-establishing monument points in Long Island City.

Establishing lines of streets and setting street monuments in territory embraced by "Map showing street system and grades of a portion of the Second Ward, Borough of Queens," approved by the Board of Estimate and Apportionment on the 13th day of November, 1903; likewise in territory embraced by grade map of Ridgewood, approved by the Board of Estimate and Apportionment March 31, 1905, and in grade map of the White Pot District, approved by the Board of Estimate and Apportionment December 29, 1905.

Taking tide-gauge observation at Flushing creek.

Inspecting streets as to legal status.

The following is a summary of the work done by the Field Force:

Number of buildings located.....	942
Number of angles turned.....	1,748
Number of feet of accurate chaining.....	1,016,824
Number of feet of taping.....	567,630
Miles of accurate levels run for plane table use.....	4.5
Number of bench marks established for plane table use.....	731
Linear feet of centre line of streets levelled.....	163,646
Number of rod readings.....	2,576
Number of stadia distances read.....	34,051
Acres covered in contour line work.....	2,876
Linear feet of contour line run.....	1,412,500
Number of set-ups of plane table.....	807
Number of monuments reset.....	175
Number of monuments set.....	259
Number of monuments referenced.....	115
Number of streets inspected for reports as to legal status.....	27

## Work Done by the Office Force.

Making necessary calculations for and plotting of the above field work. This includes calculation of traverses, balancing of same, and computation of co-ordinates.

Reduction of elevations from heights of instrument and rod readings and the adjustment of level traverses.

Plotting a topographical map at a scale of 80 feet to 1 inch, making a reduced copy of same at a scale of 200 feet to 1 inch, and tracings of the latter from which blue prints were made for the purpose of making a map showing street system and grades.

Indexing field books and making index maps.

Tracing tax maps at Tax Office.

Tracing 59 maps and securing miscellaneous information at County Clerk's office, Jamaica, and at the Comptroller's office, Manhattan.

Making computations for and plotting the final maps showing block dimensions in the territory embraced by a map of street system and grades, approved by the Board of Estimate and Apportionment on the 13th day of November, 1903, and by the map approved by the Board of Estimate and Apportionment, March 31, 1905.

Designing and draughting the details of apparatus for the measurement of angles and distances in the field.

Making profiles of Lincoln avenue, from the Rockaway plank road to the Old South road, and of the Old South road, from Centreville avenue to Hawtree Creek road.

Designing and placing a title on map of Sewer District No. 2.

Designing and working on a map for changes of grade in Long Island City in territory bounded by Tenth avenue, Twelfth avenue, Flushing avenue and Vandeventer avenue.

Making rule maps, 4 copies of each, of following:

Newtown avenue, Long Island City, from Flushing avenue to Grand avenue; sent June 25, 1906.

Hancock street, Long Island City, from Vernon avenue to Twelfth street, to Vernon avenue; sent June 1, 1906.

Public park, Long Island City, from Van Alst avenue to East avenue, and from Ninth street to Twelfth street; April 21, 1906.

Central avenue, Second Ward, from Myrtle avenue to Proctor street (under way).

Chauncey street, Long Island City, from Hoyt avenue to Winthrop avenue (under way).

Making tracings for alterations to Commissioner's Map, Long Island City, as follows:

Pierce avenue (widening of), from Vernon avenue to East river.

Fulton avenue and Main street (widening of), from Mills street to Van Alst avenue (under way).

Making tracings to following streets in the Second Ward:

Hebberd avenue, from Creek street to Fresh Pond road.

Hancock street, from Forest avenue to Fresh Pond road.

Compiling and making tracings for draft benefit maps of following:

Jamaica avenue, Long Island City, from Old Bowery Bay road to East river.

Eleventh avenue, Long Island City, from Jackson avenue to Flushing avenue.

Making final benefit maps of following (in triplicate):

Jamaica avenue, Long Island City, from Old Bowery Bay road to East river, June 27, 1906.

Sixteenth avenue, Long Island City, from Jackson avenue to East river, April 4, 1906.

Fifteenth avenue, Long Island City, from Jackson avenue to East river, April 24, 1906.

Making final damage maps, in duplicate, of the following:

Eleventh avenue, Long Island City, from Jackson avenue to Flushing avenue; sent June 16, 1906.

Sixth avenue, Long Island City, from Jackson avenue to Wolcott avenue (under way).

Making tracings of Richmond Hill street system for monumenting parties.

Plotting location survey of Woodside avenue, Second Ward, and Jamaica avenue, Fourth Ward, for the purpose of adjusting street lines; also tracing of the latter.

Plotting and tracing profiles of the following streets in the First Ward for Law Department, Bureau of Street Openings:

Sixteenth avenue, from Jackson avenue to Flushing avenue.

Eleventh avenue, from Van Deventer avenue to Flushing avenue.

Webster avenue, from First avenue to Fifth avenue.

Bureau of Public Buildings and Offices.

Painting, carpentering work, tinsmithing, plumbing, general repairing and cleaning various public buildings in the borough.

One hundred and thirty-three orders issued for supplies and repairs during the quarter ending June 30, 1906, amounting to \$16,690.04.

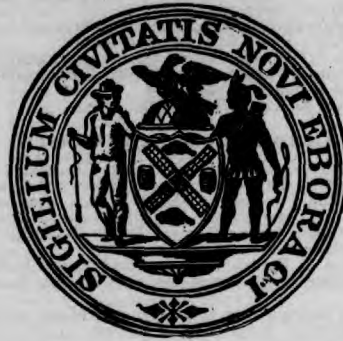
Respectfully submitted,

LAWRENCE GRESSER,

Commissioner of Public Works, Borough of Queens.

Approved:

Joseph Bermel, President of the Borough of Queens.



## CHANGES IN DEPARTMENTS, ETC.

## DEPARTMENT OF FINANCE.

August 22—

The salaries of the following employees have been fixed at the amounts specified, taking effect as stated:

John F. Murray, Financial Clerk in the Bureau of the City Paymaster, \$1,350, taking effect August 16, 1906.

Joseph G. Lang, Bookkeeper in the Bookkeeping and Awards Division, \$1,950, taking effect August 16, 1906.

Rufus G. Angell, Examiner in the Law and Adjustment Division, \$1,650, taking effect August 16, 1906.

Thomas P. Ryan, Clerk in the Auditing Bureau, \$1,500, taking effect August 16, 1906.

John G. Young, Clerk in the Bureau for the Collection of Taxes, Manhattan, \$1,350, taking effect August 13, 1906.

Oscar Dryer, Clerk in the Bureau for the Collection of Assessments and Arrears, Manhattan, \$1,500, taking effect August 16, 1906.

Harry E. Knapp, Bookkeeper in the Bookkeeping and Awards Division, \$1,500, taking effect August 16, 1906.

Francis A. Bannon, Stenographer and Typewriter in the Stock and Bond Division, salary fixed at \$1,050, taking effect August 16, 1906.

Daniel Moynahan, No. 326 Forty-eighth street, Brooklyn, was appointed as Expert Accountant in the Bureau of Municipal Investigation and Statistics, with salary at \$4,000 per annum, taking effect August 20, 1906.

Died.

John J. Moran, Financial Clerk in Bureau of the City Paymaster, died August 12, 1906.

## DEPARTMENT OF DOCKS AND FERRIES.

August 21—

The Commissioner has promoted Stephen E. Meagher from the position of Leveler to that of Transitman and Computer, with compensation at the rate of \$1,800 per annum, to take effect August 25, 1906.

The Commissioner has promoted George Murphy of No. 113 East One Hundred and Eighteenth street, New York City, from the position of Marine Sounder to that of Inspector of Dredging, with compensation at the rate of \$1,200 per annum, to take effect immediately.

Joseph Byrnes, Foreman Dockbuilder, has been given the office title of Foreman (General), and his compensation has been fixed at the rate of \$1,500 per annum, to take effect August 25, 1906.

The Municipal Civil Service Commission, having approved the reassignment of Patrick Dunn, Marine Stoker, to duty, Dunn will appear upon the payrolls, with compensation at the rate formerly paid to him, namely, \$90 per month.

James F. Meade of No. 235 Spring street, Manhattan, has been reinstated to the position of Dockbuilder, with compensation at the regular rate of 43 3/4 cents per hour while employed.

## PRESIDENT BOROUGH OF RICHMOND.

August 21—Given temporary appointment to Harold D. Fackner of No. 87 Harrison avenue, Port Richmond, N. Y., as Topographical Draughtsman, at the rate of \$1,200 per annum, for a period of two months; services to commence August 23, 1906.

## BOARD OF WATER SUPPLY.

August 22—

The Board of Water Supply has accepted the following resignations:

T. J. Buckley, Temporary Topographical Draughtsman, August 14, 1906.

M. R. Sutherland, Temporary Topographical Draughtsman, August 14, 1906.

John W. Calder, Temporary Topographical Draughtsman, August 16, 1906.

Theodore Guterman, Temporary Topographical Draughtsman, August 31, 1906.

H. E. Hollingsworth, Assistant Engineer, August 22, 1906.

Wm. J. J. Brett, Rodman, August 31, 1906.

## 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 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, 8022 Cortlandt.  
GEORGE B. MCCLELLAN, Mayor.  
Frank M. O'Brien, Secretary.  
William A. Willis, Executive Secretary.  
James A. Rierdon, Chief Clerk and Bond and Warrant Clerk.

## BUREAU OF WEIGHTS AND MEASURES.

Room 7, City Hall, 9 a. m. to 4 p. m.; Saturdays, 9 to 12 m.  
Telephone, 8020 Cortlandt.  
Patrick Derry, Chief of Bureau.

## BUREAU OF LICENSES.

9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 8020 Cortlandt.  
John P. Corrigan, Chief of Bureau.  
Principal Office, Room 1, City Hall. Gaetano D'Amato, Deputy Chief, Boroughs of Manhattan and The Bronx.  
Branch Office, Room 12, Borough Hall, Brooklyn, Daniel J. Griffin, Deputy Chief, Borough of Brooklyn.  
Branch Office, Richmond Building, New Brighton, S. L. 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. Entrance, Room 803, 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.  
Patrick J. Tracy, Supervisor; Henry McMillen, Deputy Supervisor; C. McKemie, Secretary.

## BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.  
Telephone, 7560 Cortlandt.  
Patrick F. McGowan, President.  
P. J. Scully, City Clerk.

## 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, 7560 Cortlandt.  
P. J. Scully, City Clerk and Clerk of the Board of Aldermen.  
William J. Boyhan, First Deputy City Clerk.  
Michael F. Blake, Chief Clerk of the Board of Aldermen.  
Joseph V. Scully, Deputy Chief Clerk, Borough of Brooklyn.  
Thomas J. McCabe, Deputy Chief Clerk, Borough of the Bronx.  
William R. Zimmerman, Deputy Chief Clerk, Borough of Queens.  
Joseph F. O'Grady, Deputy Chief Clerk, Borough of Richmond.

## DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Herman A. Metz, Comptroller.  
John H. McCooey and N. Taylor Phillips, 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.

Frank W. Smith, Chief Accountant and Bookkeeper, Room 8.

## STOCK AND BOND DIVISION.

James J. Sullivan, Chief Stock and Bond Clerk, Room 37.

## BUREAU OF AUDIT—MAIN DIVISION.

P. H. Quinn, Chief Auditor of Accounts, Room 2.

## LAW AND ADJUSTMENT DIVISION.

Jeremiah T. Mahoney, Auditor of Accounts, Room 185.

## BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.

Charles S. Hervey, Supervising Statistician and Examiner.

## CHARITABLE INSTITUTIONS DIVISION.

Daniel C. Potter, Chief Examiner of Accounts of Institutions, Room 38.

## 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.  
Chandler Withington, Chief Engineer, Room 55.

## REAL ESTATE BUREAU.

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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.  
James B. Bouck, Deputy Receiver of Taxes.  
Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.  
Geo. H. Creed, Deputy Receiver of Taxes.  
Borough of Richmond—Borough Hall, St. George, New Brighton.  
John DeMorgan, Deputy Receiver of Taxes.

#### BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

Borough of Manhattan—Stewart Building, Room 81.  
Edward A. Slattery, Collector of Assessments and Arrears.  
John B. Adger Mullaly, Deputy Collector of Assessments and Arrears.  
Borough of The Bronx—Municipal Building, Rooms 7-3.  
James J. Donovan, Jr., Deputy Collector of Assessments and Arrears.  
Borough of Brooklyn—Municipal Building.  
William E. Melody, 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 141.  
John M. Gray, 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 THE CITY CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Rooms 63 to 77.  
Patrick Keenan, City Chamberlain.  
John H. Campbell, Deputy Chamberlain.

#### COMMISSIONER OF LICENSES.

Office, No. 277 Broadway.  
John N. Bogart, Commissioner.  
James P. Archibald, Deputy Commissioner.  
John J. Caldwell, Secretary.  
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 5884 Franklin.

#### 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.  
John J. Delany, Corporation Counsel.  
Assistants—Theodore Connolly, Charles D. Olen-dorf, George L. Sterling, Charles L. Guy, William P. Burr, Edwin J. Freedman, John L. O'Brien, Terence Farley, James T. Malone, Cornelius F. Collins, William J. O'Sullivan, Arthur C. Butts, Charles N. Harris, George S. Coleman, Charles A. O'Neil, William Beers Crowell, Arthur Sweeney, John F. O'Brien, John C. Breckenridge, Louis H. Hahlo, Andrew T. Campbell, Jr., Franklin Chase Hoyt, Montgomery Hare, Thomas F. Noonan, Stephen O'Brien, Charles McIntyre, William H. King, Royal E. T. Riggs, J. Gabriel Britt.  
Secretary to the Corporation Counsel—William F. Clark.

Borough of Brooklyn Branch Office—James D. Bell, Assistant in charge.  
Borough of Queens Branch Office—Edward S. Malone, Assistant in charge.  
Borough of The Bronx Branch Office—Richard H. Mitchell, Assistant in charge.  
Borough of Richmond Branch Office—John Widdom, Assistant in charge.  
Andrew T. Campbell, Chief Clerk.

#### 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.

#### 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.  
Herman Stiefel, Assistant in charge.

#### BUREAU FOR THE COLLECTION OF 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.  
James P. Keenan, Assistant in charge.

#### TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS.

No. 44 East Twenty-third street, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
John P. O'Brien, Assistant in charge.

#### COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 9 a. m. to 4 p. m.  
Telephone, 4315 Franklin.  
John C. Hertle, George V. von Skal, Commissioners.

#### COMMISSIONERS OF SINKING FUND.

George B. McClellan, Mayor, Chairman; Herman A. Metz, Comptroller; Patrick Keenan, Chamberlain; Patrick F. McGowan, President of the Board of Aldermen; and John R. Davies, Chairman Finance Committee, Board of Aldermen, Members; N. Taylor Phillips, Deputy Comptroller, Secretary.  
Office of Secretary, Room 12, Stewart Building.  
Telephone, 2070 Franklin.

#### BOARD OF ESTIMATE AND APPORTIONMENT.

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.

##### OFFICE OF THE SECRETARY:

No. 277 Broadway. Room 805. Telephone, 3454 Worth.  
Joseph Haag, Secretary. Charles V. Adee, Chief Clerk.

##### PUBLIC IMPROVEMENTS:

Nelson P. Lewis, Chief Engineer. No. 277 Broadway, Room 801. Telephone, 3457 Worth.

##### BUREAU OF FRANCHISES:

Harry P. Nichols, Assistant Engineer in charge, Room 79, No. 280 Broadway. Telephone, 6120 Worth.

#### BOARD OF REVISION OF ASSESSMENTS.

Herman A. Metz, Comptroller.  
John J. Delany, Corporation Counsel.  
Frank A. O'Donnell, President of the Department of Taxes and Assessments.  
Henry J. Stora, Chief Clerk, Finance Department, No. 280 Broadway.

#### AQUEDUCT COMMISSIONERS.

Room 207 Stewart Building, 5th floor, 9 a. m. to 4 p. m.  
Telephone, 1042 Franklin.  
The Mayor, the Comptroller, *ex-officio*, Commissioners John F. Cowan (President), William H. Ten Eyck, John J. Ryan and John P. Windolph; Harry W. Walker, Secretary; Walter H. Sears, Chief Engineer.

#### POLICE DEPARTMENT.

##### CENTRAL OFFICE.

No. 300 Mulberry street, 9 a. m. to 4 p. m.  
Telephone, 3100 Spring.  
Theodore A. Bingham, Commissioner.  
R. Waldo, First Deputy Commissioner.  
Arthur J. O'Keefe, Second Deputy Commissioner.  
William L. Mather, Third Deputy Commissioner.  
Daniel G. Slattery, Secretary.  
William H. Kipp, Chief Clerk.

#### ARMORY COMMISSIONERS.

The Mayor, George B. McClellan, Chairman; the President of the Department of Taxes and Assessments, the President of the Board of Aldermen, Patrick F. McGowan; Brigadier-General James McLeer and Brigadier-General George Moore Smith, Commissioners.  
Eugene A. Fornes, Secretary, and 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.

#### BOARD OF ELECTIONS.

Headquarters, General Office, No. 107 West Forty-first street.  
Commissioners—John R. Voorhis (President), Charles B. Page (Secretary), John Maguire, Michael J. Dady.  
A. C. Allen, Chief Clerk.

##### 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. Bunner, Chief Clerk.  
**Brooklyn.**  
No. 42 Court street (Temple Bar Building).  
George Russell, Chief Clerk.  
**Queens.**  
No. 51 Jackson avenue, Long Island City.  
Carl Voegel, Chief Clerk.  
**Richmond.**  
Staten Island Savings Bank Building, Beach and Water streets, 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. 13-21 Park row.  
James W. Stevenson, Commissioner.  
John H. Little, Deputy Commissioner.  
Edgar E. Schiff, Secretary.  
Office hours, 9 a. m. to 4 p. m.  
Saturdays, 9 a. m. to 12 m.  
Telephone, 6080 Cortlandt.

#### 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, 3080 Main; Queens, 439 Greenpoint; Richmond, 94 Tompkinsville; Bronx, 62 Tremont.  
William B. Ellison, Commissioner.  
Frank J. Goodwin, Deputy Commissioner.  
I. M. de Verona, Chief Engineer.  
George W. Birdsall, Consulting Hydraulic Engineer.  
George F. Sever, Consulting Electrical Engineer.  
Charles F. Lacombe, Chief Engineer of Light and Power.  
Michael C. Padden, Water Register, Manhattan.  
David Ryan, Private Secretary.  
Joseph F. Prendergast, Secretary to the Department.  
William C. Cozier, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.  
William R. McGuire, Water Register, Brooklyn.  
Thomas H. O'Neil, Deputy Commissioner, Borough of The Bronx, Crotona Park Building, One Hundred and Seventy-seventh street and Third avenue.  
Thomas M. Lynch, Water Register, The Bronx.  
Charles C. Wissel, Deputy Commissioner, Borough of Queens, Hackett Building, Long Island City.  
Edward I. Miller, 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 4 p. m.; Saturdays, 12 m.

##### HEADQUARTERS.

Telephone, 2230 Plaza, Manhattan; 2356 Main, Brooklyn.  
John H. O'Brien, Fire Commissioner.  
Hugh Bonner, Deputy Commissioner.  
Charles C. Wise, Deputy Commissioner, Boroughs of Brooklyn and Queens.  
Alfred M. Downes, Secretary; William A. Hawley, Secretary to the Commissioner; George F. Dobson, Jr., Secretary to the Deputy Commissioner, Boroughs of Brooklyn and Queens.  
Edward F. Croker, Chief of Department.  
Thomas Lally, Deputy Chief of Department in charge, Boroughs of Brooklyn and Queens.  
William A. Hervey, Assistant Inspector of Combustibles, Boroughs of Brooklyn and Queens, Nos. 365 and 367 Jay street, Brooklyn.  
Peter Seery, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.  
William L. Beers, Fire Marshal, Boroughs of Brooklyn and Queens.  
George Farrell, Chief Operator in charge of Fire Alarm Telegraph Bureau, Boroughs of Manhattan, The Bronx and Richmond.  
Andrew P. Martin, Inspector in charge of Fire Alarm Telegraph Bureau, Boroughs of Brooklyn and Queens.  
William T. Beggin, Chief of Battalion in charge Bureau of Violations and Auxiliary Fire Appliances, Boroughs of Manhattan, The Bronx and Richmond, Nos. 157 and 159 East Sixty-seventh street, Manhattan. Brooklyn and Queens, Nos. 365 and 367 Jay street, Brooklyn.  
Central Office open at all hours.  
Committee to examine persons who handle explosives meets Thursday of each week at 2 o'clock p. m.

#### MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East Sixty-seventh street, Headquarters Fire Department.  
John H. O'Brien, Fire Commissioner and Chairman; William Montgomery, John Sherry, C. Andrade, Jr., Abram A. Breneman.  
Franz S. Wolf, Secretary, No. 157 East Sixty-seventh street.

#### 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 Gramercy.  
Francis J. Lantry, Commissioner.  
George W. Meyer, Jr., Deputy Commissioner.  
John B. Fitzgerald, Secretary.

#### 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 PUBLIC CHARITIES.

##### CENTRAL OFFICE.

Foot of East Twenty-sixth street, 9 a. m. to 4 p. m.  
Telephone, 3350 Madison Square.  
Robert W. Hebbard, Commissioner.  
Richard C. Baker, First Deputy Commissioner.  
James J. McInerney, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 331 Schermerhorn 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.  
Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 8.30 a. m. to 4 p. m.  
Bureau of Dependent Children, No. 66 Third avenue. Office hours, 8.30 a. m. to 4 p. m.

#### TENEMENT HOUSE DEPARTMENT.

Manhattan Office, No. 44 East Twenty-third street. Telephone, 3331 Gramercy.  
Edmund J. Butler, Commissioner.  
Harry C. Darwin, First Deputy Commissioner.  
Brooklyn Office, Temple Bar Building, No. 144 Court street.  
Telephone, 3825 Main.  
John McKeown, Second Deputy Commissioner.  
Bronx Office, Nos. 2804, 2806 and 2808 Third avenue.  
Telephone, 067 Melrose.  
William B. Calvert, Superintendent.

#### DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.  
Telephone, 300 Rector.  
John A. Bensei, Commissioner.  
Denis A. Judge, Deputy Commissioner.  
Joseph W. Savage, Secretary.  
Office hours, 9 a. m. to 4 p. m.; Saturdays, 12 m.  
**BELLEVUE AND ALLIED HOSPITALS.**  
Telephone, 4400 Madison Square.  
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#### 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.  
Telephone, 4000 Columbus.  
Thomas Darlington, M. D., Commissioner of Health and President.  
Alvah H. Doty, M. D., Theodore A. Bingham, Commissioners.  
Eugene W. Scheffer, Secretary.  
Herman M. Biggs, M. D., General Medical Officer.  
James McC. Miller, Chief Clerk.  
Charles F. Roberts, M. D., Sanitary Superintendent.  
William H. Guilfoyle, M. D., Registrar of Records.  
Borough of Manhattan.

Walter Bensei, M. D., Assistant Sanitary Superintendent, George A. Roberts, Assistant Chief Clerk, Charles J. Burke, M. D., Assistant Registrar of Records.

Borough of The Bronx, No. 3731 Third Avenue.  
Gerald Sheil, M. D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

Borough of Brooklyn, Nos. 38 and 40 Clinton street.  
Traverse R. Maxfield, M. D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M. D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.  
John P. Moore, M. D., Assistant Sanitary Superintendent; George R. Crowley, Assistant Chief Clerk, Robert Campbell, M. D., Assistant Registrar of Records.

Borough of Richmond, Nos. 54 and 56 Water street, Stapleton, Staten Island.  
John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk; J. Walter Wood, M. D., Assistant Registrar of Records.

#### DEPARTMENT OF PARKS.

Moses Herrman, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.  
Willis Holly, Secretary, Park Board.  
Offices, Arsenal, Central Park.  
Michael J. Kennedy, Commissioner of Parks for the Boroughs of Brooklyn and Queens.  
Offices, Litchfield Mansion, Prospect Park, Brooklyn.  
George M. Walgrove, 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.  
Commissioners—President,  
John J. Brady, Frank Raymond, Nicholas Muller, James H. Tully, Charles Futzel.

#### MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.  
William F. Baker, R. Ross Appleton, Alfred J. Talley.  
Frank A. Spencer, Secretary.

##### Labor Bureau.

No. 51 Lafayette street (old No. 61 Elm street).

#### BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 a. m. to 4 p. m.; Saturdays, 12 m.  
Antonio Zucca.  
Paul Weimann.  
James H. Kennedy.  
William H. Jasper, Secretary.

#### DEPARTMENT OF EDUCATION.

##### BOARD OF EDUCATION.

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Telephone, 1180 Plaza.  
Richard H. Adams, Richard B. Aldcroft, Jr.; Frank L. Babbott, Grover H. Backus, Nicholas J.

Barrett, John J. Barry, Joseph E. Cosgrove, Francis P. Cunniff, Samuel M. Dix, Samuel B. Donnelly, A. Leo Everett, Joseph Nicola Francolini, George Freifeld, John Greene, George J. Gillespie, Randolph Guggenheimer, George D. Hamlin, M. D.; Robert L. Harrison, Louis Haupt, M. D.; Thomas J. Higgins, Charles H. Ingalls, Nathan S. Jonas, Hugo Kanzler, John C. Kelley, Alrick H. Man, Clement March, Mitchell May, Dennis J. McDonald, M. D.; Thomas J. O'Donohue, Frank H. Partridge, George E. Payne, James A. Renwick, George W. Schaele, Henry H. Sherman, Abraham Stern, M. Samuel Stern, Cornelius J. Sullivan, John R. Thompson, Henry N. Tiff, George A. Vandenhoff, James Weir, Jr.; John A. Wilbur, William N. Wilmer, Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., President.  
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City Hall, Room 21.  
Telephone call, 1197 Cortlandt.  
Robert W. de Forest, President; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences, Vice-President; Howard Mansfield, Secretary; George B. McClellan, Mayor of The City of New York; J. Pierpont Morgan, President of Metropolitan Museum of Art; John Bigelow, President of New York Public Library; J. Carroll Beckwith, Painter; John I. Boyle, Sculptor; Walter Cook, Architect; John D. Cramm, Assistant Secretary.  
John Quincy Adams, Assistant Secretary.

##### BOARD OF EXAMINERS.

Rooms 6027 and 6028 Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Telephone, 4400 Gramercy.  
Warren A. Conover, Charles Buek, Lewis Harding, Charles G. Smith, Edward F. Croker, Henry R. Marshall and William J. Fryer, Chairman.  
Edward V. Barton, Secretary.  
Board meeting every Tuesday at 2 p. m.

##### EXAMINING BOARD OF PLUMBERS.

Robert McCabe, President; David Jones, Secretary; Thomas E. O'Brien, Treasurer; *ex-officio* Horace Loomis and Matthew E. Healy.  
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 1 p. m.

##### BOARD OF RAPID TRANSIT RAILROAD COMMISSIONERS.

Board of Rapid Transit Railroad Commissioners No. 320 Broadway, New York.  
Bion L. Burrows, Secretary.

##### NEW YORK CITY IMPROVEMENT COMMISSION.

Nos. 13-21 Park row.  
Francis K. Pendleton, Chairman; Jacob S. Cantor, George A. Hearn, Whitney Warren, Harry Payne Whitney, Frank Bailey, John W. Alexander, Daniel C. French, Louis Haffen, James A. Wright, Joseph Cassidy, William J. Roche, J. Edward Swanstrom, George Cromwell and Henry S. Thompson.  
Advisory Committee—Nelson P. Lewis, Chief Engineer, Board of Estimate and Apportionment, Secretary to the Commission; John A. Bensei, Commissioner, Department of Docks and Ferries; O. F. Nichols, Chief Engineer, Bridge Department; Samuel Parsons, Jr., Landscape Architect, Park Department.  
Nathaniel Rosenberg, Assistant Secretary.

##### BOARD OF WATER SUPPLY.

Office, No. 299 Broadway.  
J. Edward Simmons, Charles N. Chadwick, Charles A. Shaw, Commissioners.  
Thomas Hassett, Secretary.  
J. Waldo Smith, Chief Engineer.

##### CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.  
Office of the Commission, Room 138, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City.  
Commissioners—William E. Stillings, George C. Norton, Oscar S. Bailey.  
Lamont McLoughlin, Clerk.  
Regular advertised meetings on Monday, Wednesday and Friday of each week at 2 o'clock 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.  
John F. Ahearn, President.  
Bernard Downing, Secretary.  
Edward S. Murphy, Superintendent of Buildings.  
William Dalton, Commissioner of Public Works.  
James J. Hagan, Assistant Commissioner of Public Works.  
William H. Walker, Superintendent of Public Buildings and Offices.  
John V. Coggey, Superintendent of Sewers.  
George F. Scannell, Superintendent of Highways.

###### 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. Haffen, President.  
Henry A. Gumbleton, Secretary.  
John F. Murray, Commissioner of Public Works.  
Josiah A. Briggs, Chief Engineer.  
Frederick Greifenberg, Principal Assistant Topographical Engineer.  
Charles H. Graham, Engineer of Sewers.  
Samuel C. Thompson, Engineer of Highways.  
Patrick J. Reville, Superintendent of Buildings.  
Martin Gelman, Superintendent of Highways.



**Borough of Brooklyn.**

President's Office, Nos. 15 and 16 Borough Hall 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
 Bird S. Coler, President.  
 Charles Frederick Adams, Secretary.  
 John A. Heffernan, Private Secretary.  
 Desmond Dunne, Commissioner of Public Works.  
 Durbin Van Vleck, Assistant Commissioner of Public Works.  
 David F. Moore, Superintendent of Buildings.  
 Frank J. Ulrich, Superintendent of the Bureau of Highways.  
 James Dunne, Superintendent of the Bureau of Sewers.  
 Joseph M. Lawrence, Superintendent of the Bureau of Public Buildings and Offices.

**Borough of Queens.**

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City.  
 Joseph Bernier, President.  
 Herman Ringe, Secretary to the President.  
 James P. Hicks, Superintendent of Highways.  
 Office, Hackett Building, Long Island City.  
 Carl Berger, Superintendent of Buildings, office, Long Island City.  
 Henry Willet, Superintendent of Public Buildings and Offices, Jamaica, L. I.  
 Joseph H. De Braga, Superintendent of Sewers.  
 Office, Long Island City, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
 Lawrence Gresser, Commissioner of Public Works, Glendale L. I.

**Borough of Richmond.**

President's Office, New Brighton, Staten Island.  
 George Cromwell, President.  
 Maybury Fleming, Secretary.  
 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.  
 John T. Fetherston, Superintendent of Street Cleaning.  
 Ernest H. Seehusen, Superintendent of Sewers.  
 George W. Tuttle, Principal Assistant Engineer, Bureau of Engineering—Topographical.  
 Theodore S. Oxholm, Principal Assistant Engineer, Bureau of Engineering—Construction.  
 Office of the President, Corn Exchange Bank Building, Jay street, New Brighton, N. Y., 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m.

**CORONERS.**

Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.  
 Coroners: Julius Harburger, Peter P. Acitelli, George F. Shady, Jr., Peter Dooley.  
 Julius Harburger, President, Board of Coroners.  
 Jacob E. Bausch, Chief Clerk.  
 Borough of The Bronx—Corner of Third avenue and One Hundred and Seventy-seventh street. Telephone, 1250 Tremont and 3415 Harlem.  
 Robert F. McDonald, A. F. Schwannecke.  
 William T. Austin, Chief Clerk.  
 Borough of Brooklyn—Office, Room 11, Borough Hall. Telephone, 4004 Main and 4005 Main.  
 Henry J. Brewer, John F. Kennedy.  
 Joseph McGuinness, Chief Clerk.  
 Open all hours of the day and night.  
 Borough of Queens—Office, Borough Hall, Fulton street, Jamaica, L. I.  
 Samuel D. Nutt, Alfred S. Ambler.  
 Martin Mager, Jr., Chief Clerk.  
 Office hours, from 9 a. m. to 10 p. m.  
 Borough of Richmond—Second street, New Brighton. Open for the transaction of business all hours of the day and night.  
 Matthew J. Cahill.

**NEW YORK COUNTY.****SURROGATE.**

New County Court-house. Court open from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.  
 Frank T. Fitzgerald, Abner C. Thomas, Surrogates; William V. Leary, Chief Clerk.

**SHERIFF.**

No. 209 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
 Nicholas J. Hayes, Sheriff.  
 A. J. Johnson, Under Sheriff.

**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.  
 Frank Gass, Register.  
 William H. Sinnott, Deputy Register.

**COUNTY CLERK.**

Nos. 8, 9, 10 and 11 New County Court-house. Office hours from 9 a. m. to 4 p. m.  
 Peter J. Dooling, County Clerk.  
 John F. Curry, Deputy.  
 Joseph J. Glennen, Secretary.

**COMMISSIONER OF JURORS.**

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.  
 Thomas Allison, Commissioner.  
 Matthew F. Neville, Assistant Commissioner.  
 Frederick P. Simpson, Assistant Commissioner.  
 Frederick O'Byrne, Secretary.

**PUBLIC ADMINISTRATOR.**

No. 129 Nassau street, 9 a. m. to 4 p. m.  
 William M. Hoes, Public Administrator.

**KINGS COUNTY.****COUNTY COURT, KINGS COUNTY.**

County Court-house, Brooklyn, Rooms 10, 19, 20, 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, Court-house. Clerk's Office, Rooms 19, 20 and 22, open daily from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
 Joseph Aspinall and Frederick E. Crane, County Judges.  
 Charles S. Devoy, 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 Court-house, Brooklyn, N. Y. 9 a. m. to 4 p. m.; Saturdays, 12 m.  
 Michael J. Flaherty, Sheriff.

**DISTRICT ATTORNEY.**

Office, County Court-house, 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.  
 Alfred J. Boulton, Register.

**COUNTY CLERK.**

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.; during months of July and August, 9 a. m. to 2 p. m.  
 Charles T. Hartzheim, County Clerk.  
 Bela Tokaji, Deputy County Clerk.  
 James P. Kohler, Assistant Deputy County Clerk.  
 Robert Stewart, Counsel.  
 Telephone call, 1151 Main.

**COMMISSIONER OF JURORS.**

5 County Court-house.  
 Jacob Brenner, Commissioner.  
 Jacob A. Livingston, Deputy Commissioner.  
 Albert B. Waldron, Secretary.  
 Office hours from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m.  
 Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays from 9 a. m. to 12 m.

**COMMISSIONER OF RECORDS.**

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.  
 John K. Neal, Commissioner.  
 D. H. Ralston, Deputy Commissioner.  
 Thomas D. Mossop, Superintendent.  
 William J. Beattie, Assistant Superintendent.

**PUBLIC ADMINISTRATOR.**

No. 26 Court street (Garfield Building), Brooklyn 9 a. m. to 4 p. m.  
 Henry Bristow, Public Administrator.

**QUEENS COUNTY.****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. The calendar is called on Tuesday of each week at 10 a. m., except during the month of August, when no court is held, and the court sits every day thereafter until all contested cases have been disposed of.

**COUNTY COURT.**

Temporary County Court-house, Long Island City. County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August.  
 County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.  
 Burt J. Humphrey, County Judge.

**SHERIFF.**

County Court-house, Long Island City, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
 Joseph Meyer, Sheriff.  
 Henry W. Sharkey, Under Sheriff.  
 William Repper, Chief Deputy.

**DISTRICT ATTORNEY.**

Office, Queens County Court-house, Long Island City, 9 a. m. to 5 p. m.  
 Ira G. Darrin, 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 to 12 m.  
 David L. Van Nostrand, 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. Queens County Court House, Long Island City.  
 John P. Balbert, Commissioner of Jurors.  
 Rodman Richardson, Assistant Commissioner.

**PUBLIC ADMINISTRATOR.**

Nos. 62 to 68 Jackson avenue, Long Island City.  
 Charles J. Schneller, Public Administrator, County of Queens.

**RICHMOND COUNTY.****COUNTY JUDGE AND SURROGATE.**

Terms of Court, Richmond County, 1906.  
 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 Court-house at Richmond.  
 Surrogate's Court—Stephen D. Stephens, Surrogate.

Mondays at the Corn Exchange Bank Building, St. George, 10.30 o'clock.  
 Tuesdays at the Corn Exchange 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.**

No. 400 Richmond Terrace, New Brighton, S. I. Office hours from 9 a. m. to 12 m., and 1 p. m. to 5 p. m.  
 John J. Kenney, District Attorney.

**COUNTY CLERK.**

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.  
 C. L. Bostwick, County Clerk.  
 County Court-house, Richmond, S. I., 9 a. m. to 4 p. m.

**SHERIFF.**

County Court-house, Richmond, S. I. Office hours, 9 a. m. to 4 p. m.  
 Charles J. McCormack, Sheriff.  
 Thomas H. Banning, Under Sheriff.

**COMMISSIONER OF JURORS**

Village Hall, Stapleton.  
 Charles J. Kullman, Commissioner.  
 John J. McCaughey, Assistant Commissioner.  
 Office open from 9 a. m. until 4 p. m.; Saturdays from 9 a. m. to 12 m.

**THE COURTS.****APPELLATE DIVISION OF THE SUPREME COURT.**

FIRST JUDICIAL DEPARTMENT.  
 Court-house, Madison avenue, corner Twenty-fifth street. Court opens at 1 p. m.  
 Morgan J. O'Brien, Presiding Justice Edward Patterson, George L. Ingraham, Chester B. Mc-

Laughlin, Frank C. Laughlin, John Proctor Clarke, James W. Houghton, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.  
 Clerk's office open at 9 a. m.

**SUPREME COURT—FIRST DEPARTMENT.**

County Court-house, Chambers street. Court open from 10.15 a. m. to 4 p. m.  
 Special Term, Part I. (motions), Room No. 16.  
 Special Term, Part II. (ex-parte business), Room No. 13.  
 Special Term, Part III., Room No. 19.  
 Special Term, Part IV., Room No. 20.  
 Special Term, Part V., Room No. 33.  
 Special Term, Part VI. (Elevated Railroad cases), Room 31.  
 Trial Term, Part II., Room No. 34.  
 Trial Term, Part III., Room No. 22.  
 Trial Term, Part IV., Room No. 21.  
 Trial Term, Part V., Room No. 24.  
 Trial Term, Part VI., Room No. 35.  
 Trial Term, Part VII., Room No. 23.  
 Trial Term, Part VIII., Room No. 27.  
 Trial Term, Part IX., Room No. 26.  
 Trial Term, Part X., Room No. 28.  
 Trial Term, Part XI., Room No. 37.  
 Trial Term, Part XII., Room No. 26.  
 Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.  
 Appellate Term, Room No. 29.  
 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. 15.  
 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, east.  
 Clerk's Office, Appellate Term, room southwest corner, third floor.  
 Trial Term, Part I. (criminal business).  
 Criminal Court-house, Centre street.  
 Justices—Charles H. Truax, Francis M. Scott, Charles F. McLean, Henry Bischoff, Jr., Leonard A. Giegerich, P. Henry Dugro, Henry A. Gildersleeve, James Fitzgerald, David Leventritt, James A. O'Gorman, James A. Blanchard, Edward S. Clinch, Samuel Greenbaum, Edward E. McCall, Edward B. Amend, Vernon M. Davis, Victor J. Dowling, Joseph Newburger.

**SUPREME COURT—SECOND DEPARTMENT.**

Kings County Court-house, Borough of Brooklyn, N. Y.  
 Court open daily from 10 o'clock a. m. to 5 o'clock p. m. Six jury trial parts. Special Term for Trials.  
 Special Term for Motions.  
 James F. McGee, General Clerk.

**CRIMINAL DIVISION—SUPREME COURT.**

Building for Criminal Courts, Centre, Elm, White and Franklin streets.  
 Court opens at 10.30 a. m.  
 Peter J. Dooling, 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 a. m.  
 Rufus B. Cowing, City Judge; John W. Goff, Recorder; Otto A. Rosalsky, Warren W. Foster and Thomas C. O'Sullivan, Judges of the Court of General Sessions. Edward R. Carroll, Clerk.  
 Clerk's Office open from 9 a. m. to 4 p. m.  
 During July and August will close at 2 p. m., and on Saturdays at 12 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.  
 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.  
 Edward F. O'Dwyer, Chief Justice; John Henry McCarty, Lewis J. Conlan, Theodore F. Hascall, Francis B. Delehanty, Samuel Seabury, Joseph I. Green, 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—John B. McKean, William E. Wyatt, Willard H. Olmstead, Joseph M. Deuel, Lorenz Zeller, Francis S. McAvoy. Charles W. Cullkin, Clerk; William M. Fuller, 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, Tuesday at 10 o'clock; Town Hall, New Brighton Borough of Richmond, Thursday at 10 o'clock.  
 Justices—Howard J. Forker, Patrick Keady, John Fleming, Thomas W. Fitzgerald, Robert J. Wilkin, George J. O'Keefe; Joseph L. Kerrigan, Clerk; John J. Dorman, Deputy Clerk.  
 Clerk's Office, No. 171 Atlantic avenue, Borough of Brooklyn, open from 9 a. m. to 4 p. m.

**CHILDREN'S COURT.**

First Division—No. 66 Third avenue, Manhattan Edmund C. Lee, Clerk.  
 Second Division—No. 102 Court street, Brooklyn, James P. Sinnott, Clerk.

**CITY MAGISTRATES' COURT.**

Courts open from 9 a. m. to 4 p. m.  
 City Magistrates—Robert C. Cornell, Leroy B. Crane, John B. Mayo, Peter T. Barlow, Matthew P. Breen, Seward Baker, Charles S. Whitman, Joseph F. Moss, James J. Walsh, Henry Steinert, Daniel E. Finn, Charles G. F. Wahle, Alexander Finelite, William A. Sweetser.  
 James McCabe, Secretary, No. 314 West Fifty-fourth street.  
 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.  
 Eighth District—Main street, Westchester.

**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'Reilly, Henry J. Furlong.  
 President of the Board, Frank E. O'Reilly, No. 249 Manhattan avenue.

Secretary to the Board, William F. Delaney, No. 495 Gates avenue.  
 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—No. 495 Gates avenue.  
 Seventh District—No. 31 Snider avenue (Flatbush).  
 Eighth District—West Eighth street (Coney Island).

**Borough of Queens.**

City Magistrates—Matthew J. Smith, Luke I. Conorton, 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 Court-house, No. 128 Prince street, corner of Wooster street.  
 Wauhope Lynn, Justice. Thomas O'Connell, 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, No. 59 Madison street.  
 John Hoyer, Justice. Francis Mangin, Clerk.  
 Clerk's Office open from 9 a. m. to 4 p. m.  
 Court opens daily at 9 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. Court room, southwest corner Sixth avenue and West Tenth street. Court opens daily (Sundays and legal holidays excepted), from 9 a. m. to 4 p. m.  
 William F. Moore, Justice. Daniel Williams, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Clerk's Office open daily from 9 a. m. to 4 p. m. Court opens 9 a. m. daily, and remains open to close of business.  
 George F. Roesch, Justice. Andrew Lang, 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 and northwest of Clinton street to Rivington street, and on the centre line of Rivington street south to Norfolk street. Court-room, No. 154 Clinton street.  
 Benjamin Hoffman, Justice. Thomas Fitzpatrick, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens at 9 a. m. daily (except legal holidays), and continues open until close of business.  
 Daniel F. Martin, Justice. Abram Bernard, Clerk.

Seventh District—That portion of Nineteenth Ward east of Lexington avenue, bounded on the south by the north of East Fortieth street and on the north by the south side of East Eighty-sixth street, also that portion bounded on the south by the north side of East Sixty-first street, on the west by the east side of Park avenue, and on the north by the south side of East Sixty-fifth street. 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. Edward A. McQuade, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 9 a. m. and continues open until close of business. Summary proceedings and return causes called at 9 a. m. Calendar trial causes, 9 a. m.  
 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. Court-room, 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 Seventh street, west of Central Park West to Fifty-ninth street, south on Fifty-ninth street to Seventh avenue, west on Seventh avenue to Fifty-third street, north on Fifty-third street to Eighth avenue, west on Eighth avenue to Fortieth street, north side to Hudson river. Court-room, No. 314 West Fifty-fourth street. Court open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.  
 Thomas E. Murray, Justice. Michael Skelly, 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. Court-room, No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Court convenes daily at 9 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 Seventh street, and that portion of the Twelfth Ward which lies north of the centre line of Eighth 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. Court-room, No. 2555 Broadway.  
 Alfred P. W. Seaman, Justice. James W. Gilloon, 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.  
Leon Sanders, Justice. James J. Devlin, Clerk.  
Court-room, No. 264 Madison street.

**FOURTEENTH DISTRICT**—The Fourteenth District embraces that portion of the Borough of Manhattan bounded as follows: Beginning at West Fortieth street and Eighth avenue, north on Eighth avenue to West Fifty-third street; east on West Fifty-third street to Seventh avenue; north on Seventh avenue to West Fifty-ninth street to Eighth avenue; north on Eighth avenue and west on Central Park West to the Transverse road at Central Park West and West Ninety-seventh street; east on Transverse road to Fifth avenue and East Ninety-seventh street; south on Fifth avenue to East Ninety-sixth street; east on Ninety-sixth street to Lexington avenue; south on Lexington avenue to East Sixty-fifth street; west on East Sixty-fifth street to Park avenue; south on Park avenue to East Sixty-first street; east on East Sixty-first street to Lexington avenue; south on Lexington avenue to East Fortieth street; west on East and West Fortieth streets to the point of beginning at West Fortieth street and Eighth avenue.  
Edgar J. Lauer, Justice. William J. Chamberlain, Clerk.  
Court-house, southwest corner Madison avenue and Fifty-ninth street.

#### 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 934 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. Court-room, Town Hall, Main street, Westchester Village. Court open 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. Delahanty, Clerk.  
Office hours from 9 a. m. to 4 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. Court-room, corner Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 a. m. to 4 p. m. Court opens at 9 a. m.  
John M. Tierney, Justice. Thomas A. Maber, Clerk.

#### BOROUGH OF BROOKLYN.

**FIRST DISTRICT**—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning, of the Borough of Brooklyn. Court-house, 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.

**SECOND DISTRICT**—Seventh Ward and that portion of the Twenty-first and Twenty-third Wards west of the centre line of Stuyvesant avenue and the centre line of Schenectady avenue, also that portion of the Twentieth Ward beginning at the intersection of the centre lines of North Portland and Myrtle avenues, thence along the centre line of Myrtle avenue to Waverly avenue, thence along the centre line of Waverly avenue to Park avenue, thence along the centre line of Park avenue to Washington avenue, thence along the centre line of Washington avenue to Flushing avenue, thence along the centre line of Flushing avenue to North Portland avenue, and thence along the centre line of North Portland avenue to the point of beginning.  
Court-room, No. 495 Gates avenue.  
Gerard B. Van Wart, Justice. William H. Allen, Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.

**THIRD DISTRICT**—Embraces the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards, and that portion of the Twenty-seventh Ward lying northwest of the centre line of Starr street between the boundary line of Queens County and the centre line of Central avenue, and northwest of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and northwest of the centre line of Willoughby avenue, between the centre lines of Bushwick avenue and Broadway. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.  
William J. Lynch, Justice. John W. Carpenter, Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.  
Court opens at 9 a. m.

**FOURTH DISTRICT**—Embraces the Twenty-fourth and Twenty-fifth Wards, that portion of the Twenty-first and Twenty-third Wards lying east of the centre line of Stuyvesant avenue and east of the centre line of Schenectady avenue, and that portion of the Twenty-seventh Ward lying southeast of the centre line of Starr street between the boundary line of Queens and the centre line of Central avenue, and southeast of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and southeast of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.  
Court-room, No. 14 Howard avenue.  
Thomas H. Williams, Justice. G. J. Wiederhold, Clerk. R. M. Bennett, Assistant Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.

**FIFTH DISTRICT**—Contains the Eighth, Thirtieth and Thirty-first Wards. Court-house, northwest corner of Fifty-third street and Third avenue.  
Cornelius Ferguson, Justice. Jeremiah J. O'Leary, Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.

**SIXTH DISTRICT**—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and the Twentieth Wards, beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Myrtle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.  
Justice, Lucien S. Bayliss. Charles P. Bible, Clerk.  
Court-house, No. 585 Fulton street.

**SEVENTH DISTRICT**—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.  
Alexander S. Rosenthal, Justice. Samuel F. Brothers, Clerk.  
Court-house, corner Pennsylvania avenue and Fulton street.  
Clerk's Office open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Trial days Mondays, Wednesdays and Fridays.

#### BOROUGH OF QUEENS.

**FIRST DISTRICT**—First Ward (all of Long Island City formerly composing five wards). Court-room, No. 46 Jackson avenue, Long Island City.  
Clerk's Office open from 9 a. m. to 4 p. m. each day, excepting Saturdays, closing at 12 m. Trial days Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.  
Thomas C. Kadien, Justice. Thomas F. Kennedy, Clerk.

**SECOND DISTRICT**—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room, in Court-house 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**—Fourth and Fifth Wards, comprising the territory of the former Towns and Villages of Jamaica, Far Rockaway and Rockaway Beach.  
James F. McLaughlin, Justice. George W. Damon, Clerk.  
Court-house, Town Hall, Jamaica.  
Telephone, 136 Jamaica.  
Clerk's Office open from 9 a. m. to 4 p. m.  
Court held on Mondays, Wednesdays and Fridays at 9 a. m.

#### BOROUGH OF RICHMOND.

**FIRST DISTRICT**—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.  
Thomas C. Brown, Justice. Anning S. Prall, Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.

**SECOND DISTRICT**—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.  
George W. Stake, Justice. Peter Tiernan, Clerk.  
Clerk's Office open from 9 a. m. to 4 p. m.  
Court opens at 9 a. m. Calendar called 10 a. m. Court continued until close of business. Trial days Mondays, Wednesdays and Fridays.

#### OFFICIAL BOROUGH PAPERS.

##### BOROUGH OF THE BRONX.

"North Side News," "Harlem Reporter and Bronx Chronicle," "Bronx Sentinel."

##### BOROUGH OF RICHMOND.

"Staten Islander," "Staten Island Star."

##### BOROUGH OF QUEENS.

"Long Island Star" (First and Second Wards), "Flushing Evening Journal" (Third Ward), "Long Island Farmer" (Fourth Ward), "Rockaway News" (Fifth Ward).

##### BOROUGH OF BROOKLYN.

"Brooklyn Eagle," "Brooklyn Times," "Brooklyn Citizen," "Brooklyn Standard-Union," "Brooklyn Free Press."

##### BOROUGH OF MANHATTAN.

"Democracy," "Tammany Times" (Harlem District), "Manhattan and Bronx Advocate" (Washington Heights, Morningside Heights and Harlem Districts).  
Designated by Board of City Record June 19, 1906.  
Amended June 20, 1906.

#### 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

**FRIDAY, AUGUST 31, 1906,**

**FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED TO ERECT THREE SPIRAL FIRE ESCAPES, ONE OF WHICH IS TO BE LOCATED AT THE CITY HOSPITAL AND TWO AT THE NEW MALE TUBERCULOSIS INFIRMARY, 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 Fifteen Hundred Dollars (\$1,500).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of East Twenty-sixth street, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD,  
Commissioner.

Dated August 18, 1906.

**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

**FRIDAY, AUGUST 31, 1906,**

**FOR FURNISHING ALL THE LABOR AND MATERIAL NECESSARY TO ERECT POLES AND WIRE SAME FOR STREET LIGHTING AND FEED LINES TO THE VARIOUS BUILDINGS ON RANDALL'S ISLAND.**

The time allowed for the completion of the work and full performance of the contract is thirty (30) 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 for a complete job.

Blank forms and further information may be obtained at the office of the Supervising Engi-

neer of the Department, foot of East Twenty-sixth street, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD,  
Commissioner.

Dated August 18, 1906.

**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 16, until 3 o'clock p. m. on

**MONDAY, AUGUST 27, 1906,**

**NO. 1. CONSTRUCTING PARKWAYS THEREON AND REGULATING AND REPAVING WITH ASPHALT BLOCK PAVEMENT ON CONCRETE FOUNDATION THE ROADWAY OF BROADWAY, FROM ONE HUNDRED AND FIFTY-FIFTH STREET TO ONE HUNDRED AND SIXTY-NINTH STREET.**

Engineer's estimate of amount of work to be done:

2,009 cubic yards of excavation (for parkways).  
4,958 linear feet new curbstone (for parkways).  
100 linear feet new curbstone (not to be bid for).  
1,400 linear feet old curbstone redressed, re-joined and reset (not to be bid for).  
4,946 cubic yards of concrete.  
37,678 square yards of asphalt block pavement.  
1,722 cubic yards of loam for filling (for parkways).  
31,000 square feet of sod, including pinning and watering (for parkways).  
287 cubic yards of manure (for parkways).  
7 noiseless covers, complete, for sewer manholes (on repaving).  
9 noiseless covers, complete, for sewer manholes (not to be bid for).  
4 noiseless covers, complete, for water manholes (on repaving).  
2 noiseless covers, complete, for water manholes (not to be bid for).  
16,512 square feet rock asphalt mastic walk pavement (for parkways).  
Time allowed for doing and completing above work is 150 working days.  
Amount of security required is Twenty-five Thousand Dollars.

JOHN F. AHEARN,  
Borough President.

Dated August 14, 1906.

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

#### DEPARTMENT OF EDUCATION.

OFFICE OF THE DEPARTMENT OF EDUCATION, SOUTHWEST CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Superintendent of School Supplies at the above office of the Department of Education until 12 o'clock noon on

**TUESDAY, AUGUST 28, 1906,**

Item No. 1.

**FOR FURNISHING, PRINTING, RULING, PUNCHING AND DELIVERING TO THE DEPARTMENT OF EDUCATION, PARK AVENUE AND FIFTY-NINTH STREET, NEW YORK CITY, ONE MILLION (1,000,000) BLANKS.**

Item No. 2.

**FOR FURNISHING, PRINTING AND DELIVERING TO THE DEPARTMENT OF EDUCATION, PARK AVENUE AND FIFTY-NINTH STREET, NEW YORK CITY, SIX HUNDRED (600) DOZEN COVERS.**

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before thirty (30) days from receipt of notice from the Superintendent of School Supplies.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each article contained in specifications.

Awards will be made to the lowest bidder on each item, or the bids will be compared and the items 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 at the office of the Superintendent of School Supplies, Board of Education, the Borough of Manhattan, southwest corner of Park avenue and Fifty-ninth street.

PATRICK JONES,  
Superintendent of School Supplies.

Dated August 17, 1906.

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

#### OFFICIAL PAPERS.

Morning—"The Sun," "The New York Times."  
Evening—"The Globe," "The Evening Mail."  
Weekly—"Irish-American," "Real Estate Record and Guide."  
German—"Staats-Zeitung."  
Designated by the Board of City Record, January 22, 1906. Amended March 1, 1906.

#### DEPARTMENT OF DOCKS AND FERRIES.

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Commissioner of Docks at the above office until 12 o'clock m. on

**THURSDAY, SEPTEMBER 6, 1906,**

Borough of Brooklyn.

CONTRACT NO. 1022.

**FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REMOVING OLD STRUCTURES BETWEEN THIRTY-EIGHTH AND THIRTY-NINTH STREETS,**

**BOROUGH OF BROOKLYN, AND FOR BUILDING NEW FERRY STRUCTURES FOR THE NEW THIRTY-NINTH STREET FERRY TERMINAL AND FOR DREDGING THEREAT.**

The time for the completion of the work and the full performance of the contract is on or before the expiration of 240 calendar days.

The amount of security required is Sixty-six Thousand Dollars.

The bidder shall state a price for each class and, for the purpose of comparing the bids, one aggregate price for the whole work described and specified, as the contract is entire and for a complete job, and, if awarded, will be awarded to the bidder whose bid is the lowest for doing all of the work comprised in all of the classes.

Work will be required to be done 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 said Department.

J. A. BENSEL,  
Commissioner of Docks.

Dated August 21, 1906.

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

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Commissioner of Docks at the above office until 12 o'clock m. on

**TUESDAY, SEPTEMBER 4, 1906,**

Borough of Manhattan.

CONTRACT NO. 1021.

**FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING, DELIVERING AND ERECTING FIVE (5) FEED WATER HEATERS.**

The time for the completion of the work and the full performance of the contract is on or before the expiration of sixty (60) calendar days.

The amount of security required is Five Thousand Six Hundred Dollars.

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 said Department.

J. A. BENSEL,  
Commissioner of Docks.

Dated August 21, 1906.

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

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Commissioner of Docks at the above office until 12 o'clock m. on

**TUESDAY, SEPTEMBER 4, 1906,**

Borough of Manhattan.

CONTRACT NO. 1024.

**FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR PREPARING FOR AND MAKING ALL NECESSARY REPAIRS TO PIER NO. 103, AT THE FOOT OF SIXTY-FIRST STREET, EAST RIVER, AND FOR PREPARING FOR AND MAKING ALL NECESSARY REPAIRS TO PIER NO. 104 AT THE FOOT OF SIXTY-SECOND STREET, EAST RIVER.**

The time for the completion of the work and the full performance of the contract is on or before the expiration of sixty (60) calendar days.

The amount of security required is Seven Thousand Five Hundred Dollars.

The bidder shall state a price for each class of the work and an aggregate or lump sum price for the whole work specified and described in the contract, as the bids will be tested by the aggregate or lump sum, the contract being for an entire and complete job. If awarded, the award will be made to the bidder who is the lowest for doing the whole work included in both classes of the contract.

Work will be required to be done 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 said Department.

J. A. BENSEL,  
Commissioner of Docks.

Dated August 21, 1906.

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

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Commissioner of Docks at the above office until 12 o'clock m. on

**FRIDAY, AUGUST 24, 1906,**

Borough of Manhattan.

CONTRACT NO. 1019.

**FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REMOVING OLD PIERS AND FERRY STRUCTURES BETWEEN WHITEHALL AND BROAD STREETS, EAST RIVER, BOROUGH OF MANHATTAN, AND FOR BUILDING NEW FERRY STRUCTURES FOR THE NEW THIRTY-NINTH STREET FERRY TERMINAL AND FOR DREDGING THEREAT.**

The time for the completion of the work and the full performance of the contract is on or before the expiration of 270 calendar days.

The amount of security required is Seventy-five Thousand Dollars.

The bidder shall state a price for each class, and for the purpose of comparing the bids one aggregate price for the work described and specified, as the contract is entire and for a complete job, and, if awarded, will be awarded to the bidder whose bid is the lowest for doing all of the work comprised in all of the classes.

Work will be required to be done 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 said Department.

J. A. BENSEL,  
Commissioner of Docks.

Dated August 10, 1906.

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



# DEPARTMENT OF DOCKS AND FERRIES, PIER "A," NORTH RIVER, NEW YORK, March 31, 1904.

THE COMMISSIONER HAS FIXED THE amounts of bonds required on contracts awarded by this Department, as follows:

- On all contracts for supplies, 40 per cent. of the estimated cost;
- On all contracts, other than contracts for supplies, where the estimated cost is not over \$200,000, 40 per cent. of the estimated cost;
- On all contracts, other than contracts for supplies, where the estimated cost is over \$200,000, but not over \$1,000,000, 25 per cent. of the estimated cost;
- On all contracts, other than contracts for supplies, where the estimated cost is over \$1,000,000, 30 per cent. of the estimated cost.

JOSEPH W. SAVAGE,  
Secretary.

## DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, Nos. 13 to 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, AUGUST 30, 1906,

FOR TILE WORK AT THE WESTERLY OR MANHATTAN TERMINAL OF THE BROOKLYN BRIDGE.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller, and the entire contract shall be completed within sixty consecutive working days.

The amount of security to guarantee the faithful performance of the work will be Two Thousand Dollars (\$2,000).

No bid will be received or considered which is not accompanied by either a certified check upon a State or National bank of the City of New York, or money to the amount of five per cent. of the amount of the bond required for the faithful performance of the contract. Said check or money must not be included in the envelope containing the bid, but must be handed to the official of the Department who receives the bid for examination and approval before receiving the bid. All such deposits, except that of the successful bidder, will be returned by the Comptroller to the owners within three days after the contract is awarded.

The right is reserved by the Commissioner to reject all bids should he deem it to the interest of the City so to do.

Blank forms, plans and specifications may be obtained at the office of the Department of Bridges.

JOHN H. LITTLE,  
Deputy and Acting Commissioner of Bridges.  
Dated August 11, 1906.

a14.30

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

## 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 MCGAW WOODBURY,  
Commissioner of Street Cleaning

## 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 the Board of Trustees at the above office until 3 o'clock p. m. on

WEDNESDAY, AUGUST 29, 1906,

FOR ALL LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF FITMENTS CONNECTED WITH THE DRUG ROOMS AND STORAGE FOR DRUG ROOM OF THE NEW HARLEM HOSPITAL, SITUATED ON LENOX AVENUE AND BOUNDED BY ONE HUNDRED AND THIRTY-SIXTH AND ONE HUNDRED AND THIRTY-SEVENTH STREETS, THE CITY OF NEW YORK.

The surety required shall be One Thousand Dollars (\$1,000).

The time for the completion of the work and the full performance of the contract is within 50 consecutive working days.

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

Blank forms may be obtained at the office of the General Medical Superintendent, No. 419 East Twenty-sixth street, Borough of Manhattan.

MYLES TIERNEY,  
Acting President of the Board of Trustees  
Bellevue and Allied Hospitals.  
Dated August 16, 1906.

a17.29

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

## MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, No. 299 BROADWAY, NEW YORK, August 17, 1906.

PUBLIC NOTICE IS HEREBY GIVEN that applications for the position of Fireman, Fire Department, will be received from September 10 to October 10, 1906, at 4 p. m., both dates inclusive.

The subjects and weights of the examination are as follows:

Physical Development and Strength.....	50
Mental Test .....	50
<b>Mental Examination.</b>	
Elementary knowledge of Government....	3
Localities (by boroughs).....	3
Memory Test .....	2
Arithmetic .....	2

A candidate to be eligible for appointment must obtain an average of not less than 70% on the mental tests and 70% on the physical development and strength. Candidates who obtain an average of over 80% on physical development and strength and a final average of 75% shall also be eligible for appointment.

Candidates must be twenty-one years of age and under thirty at the date of filing application.

Applicants will be notified later of the dates of the physical and mental examinations.

F. A. SPENCER,  
Secretary.  
a18.010

MUNICIPAL CIVIL SERVICE COMMISSION, No. 61 ELM STREET, CITY OF NEW YORK.

PUBLIC NOTICE WILL BE GIVEN OF all competitive examinations one week 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 one week 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 most of the City papers.

Wherever an examination is of a technical character, due notice is given by advertisement in the technical journals appertaining 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 Post office 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.

WILLIAM F. BAKER,  
President;  
R. ROSS APPLETON,  
ALFRED J. TALLEY,  
Commissioners.

FRANK A. SPENCER,  
Secretary.  
a18-24-03

## COLLEGE OF THE CITY OF NEW YORK.

BOARD OF TRUSTEES OF THE COLLEGE OF THE CITY OF NEW YORK.

PROPOSALS FOR BIDS OR ESTIMATES FOR SUPPLIES.

SEALED BIDS OR ESTIMATES WILL BE received by the Chairman of the Board of Trustees of the College of the City of New York at the office of the Board, No. 17 Lexington avenue, in The City of New York, until 12 o'clock noon on

THURSDAY, SEPTEMBER 6, 1906,

FOR FURNISHING AND DELIVERING CHEMICALS, SUPPLIES, MATERIALS AND APPARATUS FOR THE DEPARTMENT OF NATURAL HISTORY OF THE COLLEGE OF THE CITY OF NEW YORK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is between the 1st and 30th days of December, 1906, or thereafter from time to time, as may be directed by the Professor of Natural History, not later than July 1, 1907.

The amount of security will be fifty per cent. (50%) of the amount of the bid or estimate.

For particulars as to the quantity and quality of the supplies or the nature and the extent of the work required or of the materials to be furnished, bidders are referred to the specifications and the blank proposals and lists of articles, materials, supplies and apparatus to be furnished and delivered to the places designated. Such work and materials must conform in every respect to the specifications and schedules. The quality of the articles, supplies, goods, wares and merchandise must conform to and must be the same or equal in quality, character, finish and design to the samples furnished, or to those described by the names of well-known dealers and manufacturers and referred to by catalogue numbers. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates, and are cautioned against referring to any samples or specifications other than those furnished by the Board of Trustees. Such references are cause for rejecting bids whereon they are written, and will in no case govern the action of the Board of Trustees in passing upon tenders. Bidders must state the price of each item. Awards will be made to the lowest bidder on each item whose goods are the same or equal to the samples furnished for inspection or referred to by catalogue number.

Bidders shall describe the various items by reference to the particular maker's catalogue or circular, or by the submission of a sample. Only one bid will be received from a bidder for each item.

Samples will be on exhibition at the College of the City of New York, No. 17 Lexington avenue, Room 15, until the bids are opened.

All goods must be delivered as directed, in the original bottles or packages, at the Department of Natural History, the College of the City of New York, One Hundred and Fortieth street and Convent avenue, Borough of Manhattan (unless otherwise stated in the specifications). The weight, measure, etc., will be allowed as received at the institution.

No charge will be allowed for freight expenses, boxes or cartage, but boxes may be taken away by the contractor.

Contractors who fail to make prompt deliveries will be considered as in default and debarred from bidding in the future.

EDWARD M. SHEPARD,  
Chairman Board of Trustees.

JAMES W. HYDE,  
Secretary.  
Dated BOROUGH OF MANHATTAN, CITY OF NEW YORK, August 6, 1906.  
a6.56

## 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 30, 1906,

Borough of Manhattan.

FOR FURNISHING AND DELIVERING HARDWARE, PAINTS, IRON, STEAM FITTINGS, 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 10 days.

The amount of security required is fifty per cent. (50%) 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 totals and awards made to the lowest bidder on each item. The bids on lumber 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 Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

FRANCIS J. LANTRY,  
Commissioner.  
a20.30

Dated August 18, 1906.

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

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 30, 1906,  
Borough of Manhattan.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS AND ALTERATIONS TO WATER SUPPLY, PLUMBING, HEATING, LIGHTING, VENTILATION, ETC., AT THE SEVENTH DISTRICT PRISON.

The time for the completion of the work and the full performance of the contract is by or before 90 consecutive working days.

The amount of security required is 50 per cent. of the amount of bid or estimate.

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

FRANCIS J. LANTRY,  
Commissioner.  
a17.30

Dated August 13, 1906.

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

## BOARD MEETINGS.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Friday, at 10.30 o'clock a. m.

JOSEPH HAAG,  
Secretary.

The Commissioners of the Sinking Fund meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.

N. TAYLOR PHILLIPS,  
Deputy Comptroller, Secretary

The Board of City Record meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.

PATRICK J. TRACY,  
Supervisor Secretary

## 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 8950, No. 1. Repairs to the sidewalk at the east side of St. Nicholas avenue from the north curb of One Hundred and Thirty-seventh street to 480 feet north.

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. East side of St. Nicholas avenue running 480 feet north from the intersection formed by the north curb of West One Hundred and Thirty-seventh street and St. Nicholas avenue, and known as Lot No. 1 in Block 2048.

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 September 25, 1906, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

ANTONIO ZUCCA,  
PAUL WEIMANN,  
JAMES H. KENNEDY,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
August 23, 1906.  
a23.84.

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 8287, No. 1. Regulating, grading, paving with macadam pavement, curbing, flagging, laying crosswalks and planting trees in East One Hundred and Seventy-fifth street, from Third avenue to the Southern Boulevard. Together with a list of awards 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, pieces and parcels of land situated on—

No. 1. Both sides of East One Hundred and Seventy-fifth street, from Third avenue to the Southern Boulevard, and to the extent of 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 September 18, 1906, at 11 a. m., at which time and place

the said objections will be heard and testimony received in reference thereto.

ANTONIO ZUCCA,  
PAUL WEIMANN,  
JAMES H. KENNEDY,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
August 16, 1906.  
a16.28

## CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the Acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said Acts will be held at the office of the Commission, Room 138, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Wednesdays and Fridays of each week, at 2 o'clock p. m., until further notice.

Dated New York City, November 23, 1905.

WILLIAM E. STILLINGS,  
GEORGE C. NORTON,  
OSCAR S. BAILEY,  
Commissioners.

LAMONT McLOWGLIN,  
Clerk.

## DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

PUBLIC NOTICE.

ON SATURDAY NIGHT, AUGUST 25, 1906, the 36-inch water main supplying the higher sections of the Borough of The Bronx south of Pelham avenue will be shut off in order that the 36-inch pipe on the Southern Boulevard opposite Crotona avenue may be lowered. All the water supply in the Borough of The Bronx south of Pelham avenue will be affected, particularly the section on the high ground adjacent to Boston avenue. Such affect will probably continue until Sunday night, August 26.

WILLIAM B. ELLISON,  
Commissioner Department of Water Supply,  
Gas and Electricity.  
a23.25.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1536, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES FOR THE above-named work and materials will be received at the office of the Department of Water Supply, Gas and Electricity, Room 1536, Nos. 13 to 21 Park row, Borough of Manhattan, in The City of New York, until 2 o'clock p. m. on

WEDNESDAY, SEPTEMBER 12, 1906.

Boroughs of Manhattan and The Bronx.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO CONSTRUCT AND ERECT AN EXPERIMENTAL FILTER STATION AT THE SOUTH END OF THE JEROME PARK RESERVOIR, BOROUGH OF THE BRONX.

The time allowed for doing and completing the work will be sixty (60) working days.

The surety required will be Four Thousand Dollars (\$4,000).

The bids will be compared and contracts awarded to the lowest bidders for all the articles, materials or supplies specified and contained in the annexed specifications and schedule.

Delivery will be required to be made from time to time and in such quantities and places as may be directed by the Commissioner or the Chief Engineer.

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, Borough of Manhattan.

Dated August 22, 1906.

WILLIAM B. ELLISON,  
Commissioner.  
a23.812

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 TO 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

WEDNESDAY, AUGUST 29, 1906,

Borough of Brooklyn.

No. 1. FOR FURNISHING AND ERECTING A WROUGHT IRON FENCE, WITH GATES, AT THE OLD RIDGEWOOD PUMP-ING STATION, BOROUGH OF BROOKLYN.

The time allowed for doing and completing the work will be eighty (80) working days.

The security required will be Two Thousand Dollars (\$2,000).

No. 2. FOR FURNISHING, CONSTRUCTING AND ERECTING A CONCRETE COAL SHED AND CULVERT AND DOING ALL GRADING, SODDING, ETC., REQUIRED AT THE NEW CANARSIE PUMP-ING STATION, NEAR AVENUE D AND REMSEN AVENUE, IN THE BOROUGH OF BROOKLYN.

The time allowed for doing and completing the work will be one hundred (100) working days.

The surety required will be Thirteen Thousand Five Hundred Dollars (\$13,500).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, per yard or other unit of measurement, by which the bids will be tested.

The bids will be compared and each contract awarded at a lump sum for all the articles, materials or supplies specified and contained in the annexed specifications and schedule.

Delivery will be required to be made from time to time and in such quantities and places as may be directed by the Commissioner.

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 Rooms 25 and 28, Municipal Building, Borough of Brooklyn.

WILLIAM B. ELLISON,  
Commissioner.

Dated August 14, 1906.

a15.29

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 TO 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

FRIDAY, AUGUST 24, 1906,

Boroughs of Manhattan and The Bronx.

FOR FURNISHING AND DELIVERING MISCELLANEOUS SUPPLIES FOR LABORATORY.

The time for the delivery of the articles, materials and supplies and the performance of the contract is until December 31, 1906.

The amount of security will be Five Hundred Dollars (\$500).

Bidders must state a price for each article per pound, gallon, dozen, gross or other unit of measure, by which the bids will be tested. All prices are to include containers, and to be "net," without discounts or conditions. Awards will be made to the lowest bidder upon the sum total of which the comparison of the bids will be made, and all bids will be considered as informal which do not contain bids or estimates for all items for which bids or estimates are called herein.

All goods must be delivered as directed. The weight, measure, etc., will be allowed as received at points of delivery.

Delivery will be required to be made from time to time and in such quantities and places as may be directed by the Engineer.

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.

WILLIAM B. ELLISON, Commissioner.

Dated August 9, 1906.

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 TO 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

FRIDAY, AUGUST 24, 1906,

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING, CONSTRUCTING AND ERECTING AN ENGINE HOUSE FOR HIGH PRESSURE FIRE SERVICE AT GANSEVOORT AND WEST STREETS, BOROUGH OF MANHATTAN.

The time allowed for doing and completing the work will be one hundred and eighty (180) calendar days.

The security required will be Thirty-Five Thousand Dollars (\$35,000).

No. 2. FOR FURNISHING, CONSTRUCTING AND ERECTING AN ENGINE HOUSE FOR HIGH PRESSURE FIRE SERVICE AT OLIVER AND SOUTH STREETS, BOROUGH OF MANHATTAN.

The time allowed for doing and completing the work will be one hundred and eighty (180) calendar days.

The security required will be Thirty-Five Thousand Dollars (\$35,000).

No. 3. FOR FURNISHING, DELIVERING AND ERECTING THE NECESSARY PLUMBING AND GAS FITTING FOR THE HIGH PRESSURE FIRE SERVICE STATION AT GANSEVOORT AND WEST STREETS, BOROUGH OF MANHATTAN.

The time allowed for doing and completing the work will be one hundred and twenty (120) calendar days.

The amount of security required will be Three Thousand Dollars (\$3,000).

No. 4. FOR FURNISHING, DELIVERING AND ERECTING THE NECESSARY PLUMBING AND GAS FITTING FOR THE HIGH PRESSURE FIRE SERVICE STATION AT OLIVER AND SOUTH STREETS, BOROUGH OF MANHATTAN.

The time allowed for doing and completing the work will be one hundred and twenty (120) calendar days.

The amount of security required will be Three Thousand Dollars (\$3,000).

The bids will be compared and contracts awarded to the lowest bidders for all the articles, materials or supplies specified and contained in the annexed specifications and schedule.

Delivery will be required to be made from time to time and in such quantities and places as may be directed by the Commissioner or the Chief Engineer.

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, Borough of Manhattan.

Dated August 6, 1906.

WILLIAM B. ELLISON, Commissioner.

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

## 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 10.30 o'clock a. m. on

TUESDAY, SEPTEMBER 4, 1906,

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING AND DELIVERING THREE THOUSAND TWO HUNDRED AND EIGHTY (3,280) FEET OF 26 CONDUCTOR LEAD CABLE.

The time for the delivery of the articles, materials and supplies and the performance of the contract is twenty-five (25) days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

No. 2. FOR FURNISHING AND DELIVERING ONE SIXTY-FIVE-FOOT AERIAL HOOK AND LADDER TRUCK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is ninety (90) days.

The amount of security required is Two Thousand Five Hundred Dollars (\$2,500).

No. 3. FOR FURNISHING AND DELIVERING ONE SEVENTY-FIVE-FOOT AERIAL HOOK AND LADDER TRUCK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is ninety (90) days.

The amount of security required is Two Thousand Five Hundred Dollars (\$2,500).

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.

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

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.

JOHN H. O'BRIEN, Fire Commissioner.

Dated August 21, 1906.

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 10.30 o'clock a. m. on

MONDAY, AUGUST 27, 1906,

Boroughs of Brooklyn and Queens.

No. 1. FOR FURNISHING AND DELIVERING HAY, STRAW, OATS AND BRAN FOR VOLUNTEER COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before February 15, 1907.

The amount of security required is Three Thousand Dollars (\$3,000).

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

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 at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

JOHN H. O'BRIEN, Fire Commissioner.

Dated August 15, 1906.

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 10.30 o'clock a. m. on

MONDAY, AUGUST 27, 1906,

Boroughs of Brooklyn and Queens.

No. 2. FOR FURNISHING AND DELIVERING TWO EIGHTY-FIVE FEET AERIAL HOOK AND LADDER TRUCKS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is one hundred and twenty (120) days.

The amount of security required is Five Thousand Five Hundred Dollars (\$5,500).

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

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.

JOHN H. O'BRIEN, Fire Commissioner.

Dated August 15, 1906.

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 10.30 o'clock a. m. on

MONDAY, AUGUST 27, 1906,

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ESTABLISHING, BUILDING AND EQUIPPING AN EXTENSION OF THE FIRE ALARM TELEGRAPH SYSTEM IN THE BOROUGH OF QUEENS.

The time for the completion of the works and the full performance of the contract is as follows:

Sections 1, 2 and 4, each ninety (90) working days.

Section 3, forty (40) working days.

Section 5, two hundred and forty (240) working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

Bidders will state the price for each section of the work. The contract will be awarded to the lowest bidder for each section of the work, or 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.

JOHN H. O'BRIEN, Fire Commissioner.

Dated August 15, 1906.

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

FIRE DEPARTMENT, CITY OF NEW YORK, BOROUGH OF BROOKLYN AND QUEENS, NOS. 365 AND 367 JAY STREET, BROOKLYN, AUGUST 13, 1906.

WILLIAM H. SMITH, AUCTIONEER, on behalf of the Fire Department of the City of New York, Boroughs of Brooklyn and Queens, will offer for sale at public auction, to the highest bidder, for cash, at the Hospital

and Training Stables, St. Edwards and Bolivar streets, Borough of Brooklyn, on

FRIDAY, AUGUST 24, 1906,

at 1 o'clock p. m., the following twelve horses, no longer fit for service in the department, and known as Nos. 75, 200, 250, 297, 686, 761, 774, 830, 868, 970, 1586 and 1616.

JOHN H. O'BRIEN, Fire Commissioner.

a13,24

## DEPARTMENT OF PARKS.

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

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

THURSDAY, SEPTEMBER 6, 1906.

FOR FURNISHING AND DELIVERING THREE THOUSAND (3,000) CUBIC YARDS BROKEN STONE OF TRAP ROCK, AND THREE THOUSAND (3,000) CUBIC YARDS SCREENINGS OF TRAP ROCK (NO. 3, 1906), FOR PARKS, BOROUGH OF THE BRONX.

The time for the delivery of the articles, materials and supplies and the performance of the contract is before November 1, 1906.

The amount of security required will be Five Thousand Dollars (\$5,000).

The 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, Zbrowski Mansion, Claremont Park, The Bronx.

MOSES HERRMAN, President;

GEORGE M. WALGROVE,

MICHAEL J. KENNEDY,

Commissioners of Parks.

Dated August 15, 1906.

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, AUGUST 30, 1906,

Borough of The Bronx.

FOR FURNISHING ALL THE LABOR AND MATERIALS FOR BUILDING A CONCOURSE AND APPROACHES TO BAIRD COURT, IN THE NEW YORK ZOOLOGICAL PARK IN BRONX PARK, IN THE CITY OF NEW YORK.

The time allowed for doing and completing the work will be one hundred (100) days.

The security required will be Twenty-five Thousand Dollars (\$25,000).

The bids will be compared and the contract 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 Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

MOSES HERRMAN, President;

GEORGE M. WALGROVE,

MICHAEL J. KENNEDY,

Commissioners of Parks.

Dated August 15, 1906.

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, AUGUST 30, 1906,

Borough of The Bronx.

FOR FURNISHING ALL THE LABOR AND MATERIALS FOR THE ERECTION AND COMPLETION OF A CONCOURSE ENTRANCE IN THE NEW YORK ZOOLOGICAL PARK IN BRONX PARK IN THE CITY OF NEW YORK.

The time allowed for doing and completing the work will be one hundred (100) days.

The security required will be Seven Thousand Dollars (\$7,000).

The 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, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

MOSES HERRMAN, President;

GEORGE M. WALGROVE,

MICHAEL J. KENNEDY,

Commissioners of Parks.

Dated August 15, 1906.

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, AUGUST 30, 1906,

Borough of Brooklyn.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY TO GRADE AND INCLOSE ADDITION TO WILKINSON ENTRANCE, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract is within sixty consecutive working days.

The amount of security required is Three Thousand Dollars.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION OF PICTURE SUPPORTS IN GALLERIES R, S, T AND U, IN THE EAST WING OF THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES, EASTERN PARKWAY, BROOKLYN.

The time allowed for the completion of this contract is within sixty consecutive working days.

The amount of security required is Seven Hundred and Fifty Dollars.

The bids will be compared and the contract 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 Parks, Litchfield Mansion, Prospect Park, Brooklyn.

MOSES HERRMAN, President;

GEORGE M. WALGROVE,

MICHAEL J. KENNEDY,

Commissioners of Parks.

a18,30

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, AUGUST 30, 1906,

Borough of Brooklyn.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED IN FRAMING OF COMBINATION GAS AND ELECTRIC LIGHTING FIXTURES IN PARADE GROUND BUILDING, PROSPECT PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract is within thirty consecutive working days.

The amount of security required is Four Hundred Dollars.

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

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

MOSES HERRMAN, President;

GEORGE M. WALGROVE,

MICHAEL J. KENNEDY,

Commissioners of Parks.

Dated August 14, 1906.

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

## QUEENS BOROUGH LIBRARY.

QUEENS BOROUGH LIBRARY, No. 101 EAST AVENUE, LONG ISLAND CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees of the Queens Borough Library at the above office until 3 p. m. on

FRIDAY, AUGUST 31, 1906,

No. 1. FOR FURNISHING AND DELIVERING 225 TONS WHITE ASH EGG COAL.

No. 2. FOR FURNISHING AND DELIVERING 70 TONS WHITE ASH EGG OR CHESTNUT COAL TO THE FOLLOWING ADDRESSES, EACH TON TO WEIGH 2240 POUNDS:

20 tons to No. 101 East avenue, Long Island City.

10 tons to No. 923 Steinway avenue, Long Island City.

40 tons to corner Main and Woolsey streets, Long Island City.

15 tons to Broadway, Ozone Park, L. I.

30 tons to Richmond Hill, opposite station, L. I.

35 tons to corner Thirteenth street and First avenue, College Point, L. I.

30 tons to Main street, Flushing, L. I.

30 tons to Central avenue, Far Rockaway, L. I.

40 tons to corner Cook and Broadway, Elmhurst, L. I.

20 tons to Bell avenue, near Warburton street, Bayside, L. I.

15 tons to 491 Broadway, L. I. City.

10 tons to Herrman street, Jamaica, L. I.

The bids or estimates will be publicly opened by the undersigned at the above office on Friday, August 31, 1906, at 3 o'clock p. m. of that day.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The deliveries of the supplies and the performance of the contract to be fully completed on or before December 1, 1906, and the deliveries to be made at the time and in the manner and in such quantities as may be directed by the Board of Trustees.



The bids will be compared by the sums or amounts for each precinct, and award may be made by one or the whole number of precincts to the lowest bidder.

The bidder will state the price for which he will do all the work and provide, furnish and deliver all the labor and materials mentioned and described in said contract and specifications for one or more precincts.

For particulars as to the nature and extent of the work required or of the materials to be furnished bidders are referred to the specifications and to the plans on file in the office of the Inspector of Repairs and Supplies of the Police Department, No. 300 Mulberry street, City of New York.

Blank forms and further information may be obtained at the Central Office of the Police Department, No. 300 Mulberry street, Borough of Manhattan.

Dated August 11, 1906.

THEODORE A. BINGHAM,  
Police Commissioner.

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

#### POLICE DEPARTMENT—CITY OF NEW YORK.

**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.

THEODORE A. BINGHAM,  
Police Commissioner.

#### 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. 209 State 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, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

THEODORE A. BINGHAM,  
Police Commissioner.

#### DEPARTMENT OF FINANCE.

#### CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.

**AT THE REQUEST OF THE PRESIDENT** of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction the buildings, parts of buildings, etc., standing within the lines and on property owned by The City of New York, acquired for street purposes, in the

#### Borough of The Bronx.

Being the property required for the opening of East One Hundred and Sixty-sixth street, between Walton avenue and Morris avenue, in the Borough of The Bronx, City of New York, which is more particularly described on a map on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Manhattan. The sale will take place on

THURSDAY, AUGUST 30, 1906,

at 12 m. on the premises, and will be sold at the highest marketable price on the following

#### TERMS AND CONDITIONS.

Cash payment in bankable funds at the time and place of sale, and the entire removal of the buildings, parts of buildings, etc., standing within the lines of said streets from the streets by the purchaser or purchasers immediately after the sale. If the purchaser or purchasers fail to effect a removal within thirty days, he or they shall forfeit his or their purchase money and the ownership of the buildings, parts of buildings, etc., and The City of New York will cause the same to be removed without notice to the purchaser.

Purchasers to be liable for any and all damages of any kind whatsoever by reason of the occupation or removal of said buildings, parts of buildings, etc.

The bidder's assent and agreement to the above terms and conditions are understood to be implied by the act of bidding.

By direction of the Comptroller, sales of the above described property will be made under the supervision of the Collector of City Revenue, at the time stated herein.

Full particulars of sale can be obtained at the office of the Collector of City Revenue, Room 141, Stewart Building, No. 280 Broadway, Borough of Manhattan.

HERMAN A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 10, 1906.

814.30

#### NOTICE TO PROPERTY OWNERS.

**IN PURSUANCE OF SECTION 1018 OF** the Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

**TWENTY-THIRD WARD, SECTION 10.**  
EAST ONE HUNDRED AND SIXTY-SEVENTH STREET—PAVING AND CURBING, from the Southern Boulevard to West Farms road. Area of assessment: Both sides of East One Hundred and Sixty-seventh street, from the Southern Boulevard to West Farms road, and to the extent of half the block at the intersecting and terminating streets.

**WALES AVENUE—PAVING AND CURBING**, from St. Joseph street (East One Hundred and Forty-fourth street) to One Hundred and Forty-ninth street. Area of assessment: Both sides of Wales avenue, from St. Joseph street (East One Hundred and Forty-fourth street) to One Hundred and Forty-ninth street, and to the extent of half the block at the intersecting and terminating streets.

**TWENTY-THIRD AND TWENTY-FOURTH WARDS, SECTION 9.**

**NELSON AVENUE—PAVING AND SETTING CURB**, from West One Hundred and Sixty-fourth street to Boscobel avenue. Area of assessment: Both sides of Nelson avenue, from West One Hundred and Sixty-fourth street to Boscobel avenue, and to the extent of half the block at the intersecting and terminating streets and avenues.

**TWENTY-THIRD AND TWENTY-FOURTH WARDS, SECTIONS 10 AND 11.**

**HOE STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES**, from West Farms road to Boston road. Area of assessment: Both sides of Hoe street, from West Farms road to Boston road, and to the extent of half the block at the intersecting and terminating streets and avenues.

**TWENTY-FOURTH WARD, SECTION 11.**

**EAST ONE HUNDRED AND EIGHTY-SEVENTH STREET—PAVING THE ROADWAY**, from Webster avenue to the Southern Boulevard. Area of assessment: Both sides of East One Hundred and Eighty-seventh street, from Webster avenue to the Southern Boulevard, and to the extent of half the block at the intersecting and terminating streets and avenues.

—that the same were confirmed by the Board of Revision of Assessments August 9, 1906, and entered on August 9, 1906, 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, and 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 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on 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 October 8, 1906, 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 the above assessments became liens to the date of payment.

HERMAN A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 9, 1906.

811.24

#### NOTICE TO PROPERTY OWNERS.

**IN PURSUANCE OF SECTION 1018 OF** the Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

**TWENTY-SIXTH WARD, SECTION 12.**  
**BLAKE AVENUE—REGULATING, GRADING, CURBING AND LAYING SIDEWALKS**, from Hopkinson avenue to Junius street. Area of assessment: Both sides of Blake avenue, from Hopkinson avenue to Junius street, and to the extent of half the block at the intersecting and terminating streets and avenues.

**TWENTY-NINTH WARD, SECTION 16.**  
**VANDERBILT STREET—GRADING AND PAVING, SETTING OR RESETTING CURB**, between Prospect avenue and Coney Island avenue. Area of assessment: Both sides of Vanderbilt street, from Prospect avenue to Coney Island avenue, and to the extent of half the block at the intersecting and terminating streets and avenues.

**TWENTY-NINTH WARD, SECTIONS 5 AND 16.**  
**LINCOLN ROAD—REGULATING, GRADING, CURBING, GUTTERING AND LAYING CEMENT SIDEWALKS**, between Rogers avenue and Nostrand avenue. Area of assessment: Both sides of Lincoln road, from Rogers avenue to Nostrand avenue, and to the extent of half the block at the intersecting and terminating streets and avenues.

**TWENTY-NINTH WARD, SECTION 16.**  
**BEVERLEY ROAD—REGULATING, GRADING, CURBING AND GUTTERING**, between Ocean parkway and East Second street. Area of assessment: Both sides of Beverley road, from East Second street to Ocean parkway, and to the extent of half the block at the intersecting and terminating streets and avenues.

**THIRTIETH WARD, SECTION 18.**  
**SIXTH AVENUE—REGULATING, GRADING AND CURBING**, from Sixty-fifth street to Fort Hamilton avenue. Area of assessment: Both sides of Sixth avenue, from Sixty-fifth street to Fort Hamilton avenue, and to the extent of half the block at the intersecting and terminating streets and avenues.

**SEVENTY-FIFTH STREET—REGULATING, GRADING, CURBING, GUTTERING AND LAYING CEMENT SIDEWALKS**, between Second avenue and Fifth avenue. Area of assessment: Both sides of Seventy-fifth street, from Second avenue to Fifth avenue, and to the extent of half the block at the intersecting and terminating streets and avenues.

**THIRTIETH WARD, SECTION 19.**  
**BAY FIFTEENTH STREET (NOW SEVENTEENTH AVENUE)—REGULATING, GRADING, CURBING, GUTTERING, LAYING CROSSWALKS AND PAVING**, between Cropsey avenue and Eighty-sixth street. Area of assessment: Both sides of Bay Fifteenth street (Seventeenth avenue), from Cropsey avenue to Eighty-sixth street, and to the extent of half the block at the intersecting and terminating streets and avenues.

**THIRTY-FIRST WARD.**  
**SURF AVENUE—BASINS**, on all four corners of WEST FIFTH STREET; on north and south sides about 350 feet west of WEST FIFTH STREET; on all four corners of WEST EIGHTH STREET; on north side about 400 feet west of WEST EIGHTH STREET; on southeast and southwest corners of WEST TENTH STREET; on northeast and northwest corners of WEST TWELFTH STREET; on northeast and northwest corners of STILLWELL AVENUE; on northeast and northwest corners of WEST FIFTEENTH STREET; on northeast and northwest corners and southwest corner of WEST SIXTEENTH STREET; on northeast and northwest corners of WEST SEVENTEENTH STREET; on all four corners of WEST NINETEENTH STREET; on northeast and northwest corners of WEST TWENTIETH STREET; on all four corners of WEST TWENTY-FIRST STREET; on northeast and north-

west corners of WAREHOUSE AVENUE; on all four corners of WEST TWENTY-THIRD STREET; on southeast and southwest corners of JONES WALK; on southeast and southwest corners of THOMPSON'S WALK; on southeast and southwest corners of HENDERSON'S WALK; on southeast and southwest corners of STRATTON'S WALK; on southeast and southwest corners of SCHWEICKERT'S WALK; on southeast and southwest corners of BUSHMAN'S WALK; on southeast and southwest corners of MIKADO'S WALK; on southeast and southwest corners of KENSINGTON'S WALK; on southeast corner of TILYOUN'S WALK; on south side about 275 feet west of WEST SIXTEENTH STREET; south side about 275 feet west of WEST NINETEENTH STREET; on south side opposite WAREHOUSE AVENUE. Area of assessment: North side of Surf avenue, from Ocean Parkway to Twenty-fourth street; south side of Surf avenue, from Ocean Parkway to a point distant about 288 feet west of Twenty-third street; both sides of Warehouse avenue, extending about 287 feet north of Surf avenue; both sides of Twenty-third street, extending about 319 feet north of Surf avenue; east side of Twenty-fourth street, extending about 341 feet north of Surf avenue; both sides of Twenty-fifth street, extending about 253 feet north of Surf avenue; both sides of Twentieth street, extending about 220 feet north of Surf avenue; both sides of Nineteenth street, extending about 192 feet north of Surf avenue; both sides of Seventeenth street, extending about 185 feet north of Surf avenue; both sides of Sixteenth street, extending about 185 feet north of Surf avenue; both sides of Fifteenth street, extending about 185 feet north of Surf avenue; both sides of Stillwell avenue, extending about 203 feet north of Surf avenue; west side of West Twelfth street, extending about 640 feet north of Surf avenue; east side of Twelfth street, extending about 415 feet north of Surf avenue; west side of Eighth street, extending about 502 feet north of Surf avenue; north side of Surf avenue, from Eighth to Fifth street and extending back from said Surf avenue about 565 feet; north side of Surf avenue, from Ocean Parkway to West Fifth street.

#### THIRTY-SECOND WARD.

**FLATBUSH AVENUE—PAVING**, from Nostrand avenue to Avenue N. Area of assessment: Both sides of Flatbush avenue, from Nostrand avenue to Avenue N and to the extent of half the block at the intersecting and terminating streets.

—that the same were confirmed by the Board of Revision of Assessments on August 9, 1906, and entered August 9, 1906, 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, and 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 1019 of the said Greater New York Charter.

Said section provides, in part, 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 assessments 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 assessments became liens, as provided by section 159 of this act."

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

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents in the Municipal Building, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m. and on Saturdays from 9 a. m. until 12 m., and all payments made thereon on or before October 8, 1906, 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 the above assessments became liens to the date of payment.

HERMAN A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 9, 1906.

811.24

#### NOTICE TO PROPERTY OWNERS.

**IN PURSUANCE OF SECTION 1018 OF THE** Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

#### TWELFTH WARD, SECTION 8.

**WEST ONE HUNDRED AND NINETY-THIRD STREET—REGULATING, GRADING, CURBING AND FLAGGING**, from Audubon avenue to Fort George avenue. Area of assessment: Both sides of West One Hundred and Ninety-third street, from Audubon avenue to Fort George avenue and to the extent of half the block at the intersecting avenues.

—that the same was confirmed by the Board of Revision of Assessments on August 9, 1906, and entered on August 9, 1906, 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, and 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 assessment interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on 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 assessment is 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, Room 83, No. 280 Broadway, Borough of Manhattan, 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 October 8, 1906, 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 assessment became a lien to the date of payment.

HERMAN A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 9, 1906.

811.24

#### CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.

**AT THE REQUEST OF THE PRESIDENT** of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction the buildings, parts of buildings, etc., standing within the lines and on property owned by The City of New York, acquired for street purposes, in the

#### Borough of The Bronx.

Being the property required for the opening of Anderson avenue, between West One Hundred and Sixty-fourth and West One Hundred and Sixty-seventh streets in the Borough of The Bronx, City of New York, which is more particularly described on a map on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Borough of Manhattan. The sale will take place on

THURSDAY, AUGUST 30, 1906,

at 11 a. m. on the premises, and will be sold for the highest marketable price at public auction on the following

#### TERMS AND CONDITIONS.

Cash payment in bankable funds at the time and place of sale, and the entire removal of the buildings, parts of buildings, etc., standing within the lines of said streets from the streets by the purchaser or purchasers immediately after the sale. If the purchaser or purchasers fail to effect a removal within thirty days, he or they shall forfeit his or their purchase money, and the ownership of the buildings, parts of buildings, etc., and The City of New York will cause the same to be removed without notice to the purchaser.

Purchasers to be liable for any and all damages of any kind whatsoever by reason of the occupation or removal of said buildings, parts of buildings, etc.

The bidder's assent and agreement to the above terms and conditions are understood to be implied by the act of bidding.

By direction of the Comptroller, sales of the above described property will be made under the supervision of the Collector of City Revenue, at the time stated herein.

Full particulars of sale can be obtained at the office of the Collector of City Revenue, Room 141, Stewart Building, No. 280 Broadway, Borough of Manhattan.

H. A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 8, 1906.

89.30

#### CORPORATION SALE OF REAL ESTATE.

**PUBLIC NOTICE IS HEREBY GIVEN** that the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

FRIDAY, AUGUST 24, 1906,

at 12 o'clock m., at the Comptroller's Office (Bureau of City Revenue), Room 141, No. 280 Broadway, Borough of Manhattan, all the right, title and interest of The City of New York in the following described property, which it has by virtue of a lease from the Supervisor of the Town of Gravesend to the City of Brooklyn, which lease is dated December 24, 1896, and recorded in the Kings County Register's Office on December 29, 1896, in Section 21, Liber 3, of Conveyances, page 146, said property being situated at Coney Island, Borough of Brooklyn, and bounded and described as follows:

Beginning at a point on the easterly side of West Third street distant 101 feet 7 inches northerly from the northeasterly corner of Neptune avenue and West Third street; thence easterly and parallel with Neptune avenue 100 feet; thence northerly and parallel with West Third street 30 feet; thence westerly again parallel with Neptune avenue 100 feet to the easterly side of West Third street; thence southerly along the easterly side of West Third street 30 feet to the point or place of beginning.

The minimum or upset price at which the said land shall be sold be and it is hereby appraised and fixed at the sum of \$120.42, the purchaser in addition thereto to pay the auctioneer's fee and the further sum of \$100 for the expense of examination, advertising, etc. The sale of the said premises is to be made on the following

#### TERMS AND CONDITIONS.

The highest bidder will be required to pay the full amount of his bid or purchase money, together with the auctioneer's fee, at the time of sale, together with the further sum of \$100 for expenses of examination, advertising, conveyance, etc., the quit-claim deed for the above described premises to be delivered within thirty days from the date of sale.

The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of the sale, and the person failing to comply therewith will be held liable for any deficiency which may result from any such resale.

The right to reject any bid is reserved. By order of the Commissioners of the Sinking Fund under a resolution adopted at a meeting of the Board held July 31, 1906.

HERMAN A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 3, 1906.

84.24

#### CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.

**PUBLIC NOTICE IS HEREBY GIVEN** that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale at public auction the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired for Carnegie Library purposes, in the

#### Borough of Manhattan.

All the buildings, parts of buildings, etc., situated and erected upon property owned by The City of New York, acquired for Carnegie Library purposes, and bounded and described as follows:

Beginning at a point on the northerly side of East Thirty-sixth street distant 52 feet 10 1/2 inches, more or less, easterly from the point of intersection of the northerly side of East Thirty-sixth street with the westerly side of Second avenue; running thence northerly and parallel with Second avenue 98 feet 9 inches, more or less, to the centre line of the block; running thence easterly along the centre line of the block 47 feet 1 1/2 inches, more or less; running thence southerly and parallel with Second avenue 98 feet 9 inches, more or less, to the northerly side of East Thirty-sixth street; running thence westerly along the northerly side of East Thirty-sixth



street 47 feet 1 1/2 inches, more or less, to the point of place of beginning.

By direction of the Comptroller, the sale of the above-described buildings and appurtenances thereto will be made under the supervision of the Collector of City Revenue, Department of Finance. The sale will take place on

**TUESDAY, AUGUST 28, 1906.**

at 11 a. m., on the premises, and will be sold for the highest marketable price at public auction on the following

**TERMS AND CONDITIONS.**

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check drawn to the order of the Comptroller of The City of New York, and must give either a cash bond or an approved bond of a surety company in the amount of the purchase price as security for the proper performance of the work of removal, which must be completed within thirty working days thereafter.

All the buildings, structures and parts thereof, their fixtures and foundations of every class and description within the described area, are to be torn down to a level two feet below the existing curb, and structures which may exist within any of the buildings, such as engine beds, boiler setting, etc., and all stoop and area walls, shall be torn down to the same level. All tin from roofs, cornices, sides of buildings or partitions, sheds and fences shall be removed from the premises. All brick laid in mortar, all floor beams, joists, studdings, flooring, ceiling, roofing, boards and woodwork of every description, and all gas, water, steam and soil piping shall be removed from the premises. All combustible matter, such as tar and felt roofing, broken laths and fragments of timber, chips, splinters, etc., which are of no value, shall be gathered together by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within said period, will work forfeiture of ownership of such buildings or appurtenances, or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said City of New York will, without notice to the purchaser, cause the same to be removed and the cost and expense charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against any and all from damages and costs to which it, they or any of them be put by reason of injury to the person or property of another resulting from negligence or carelessness in the performance of the work or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of the said buildings by the said successful bidder, and the bidder's assent and agreement to the above conditions are understood to be implied by the act of bidding.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down, but all furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beam holes, etc., bricked up and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs of the adjacent buildings shall be properly flashed and painted and made water tight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel.

H. A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, August 1, 1906. }  
a2,28

**CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.**

**PUBLIC NOTICE IS HEREBY GIVEN** that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale at public auction the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired for Carnegie Library purposes, in the

**Borough of Brooklyn.**

All the buildings, parts of buildings, etc., situated and erected upon property owned by The City of New York, acquired for Carnegie Library purposes, and bounded and described as follows:

Beginning at a point on the northerly side of Devoe street distant 125 feet westerly from the point of intersection of the northerly side of Devoe street with the westerly side of Leonard street; running thence northerly and parallel with Leonard street 100 feet; running thence easterly and parallel with Devoe street 100 feet; running thence southerly and parallel with Leonard street 25 feet; running thence easterly and parallel with Devoe street 25 feet to the westerly side of Leonard street; running thence southerly along the westerly side of Leonard street 75 feet to the point of intersection of the northerly side of Devoe street with the westerly side of Leonard street; running thence westerly along the northerly side of Devoe street 125 feet to the point of place of beginning.

By direction of the Comptroller, the sale of the above described buildings and appurtenances thereto will be made under the supervision of the Collector of City Revenue, Department of Finance. The sale will take place on

**MONDAY, AUGUST 27, 1906.**

at 11 a. m., on the premises, and will be sold for the highest marketable price at public auction on the following

**TERMS AND CONDITIONS.**

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check drawn to the order of the Comptroller of The City of New York, and must give either a cash bond or an approved bond of a surety company in the amount of the purchase price as security for the proper performance of the work of removal, which must be completed within thirty working days thereafter.

All the buildings, structures and parts thereof, their fixtures and foundations of every class and description within the described area, are

to be torn down to a level two feet below the existing curb, and structures which may exist within any of the buildings, such as engine beds, boiler setting, etc., and all stoops and area walls shall be torn down to the same level. All tin from roofs, cornices, sides of buildings or partitions, sheds and fences shall be removed from the premises. All brick laid in mortar, all floor beams, joists, studdings, flooring, ceiling, roofing, boards and woodwork of every description, and all gas, water, steam and soil piping shall be removed from the premises. All combustible matter, such as tar and felt roofing, broken laths and fragments of timber, chips, splinters, etc., which are of no value, shall be gathered together by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within said period, will work forfeiture of ownership of such buildings or appurtenances, or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said City of New York will, without notice to the purchaser, cause the same to be removed and the cost and expense charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against any and all from damages and costs to which it, they or any of them be put by reason of injury to the person or property of another resulting from negligence or carelessness in the performance of the work or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of the said buildings by the said successful bidder, and the bidder's assent and agreement to the above conditions are understood to be implied by the act of bidding.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down, but all furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beam holes, etc., bricked up and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs of the adjacent buildings shall be properly flashed and painted and made water tight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel.

H. A. METZ,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, July 31, 1906. }  
a7,27

**DEPARTMENT OF FINANCE, CITY OF NEW YORK, January 2, 1906.**

**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

HERMAN A. METZ,  
Comptroller.

**DEPARTMENT OF HEALTH.**

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

**SEALED BIDS OR ESTIMATES WILL BE** received by the Board of Health of the Department of Health until 10 o'clock a. m. on

**TUESDAY, AUGUST 28, 1906.**

**FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE A REFRIGERATING PLANT AT THE WILLARD PARKER HOSPITAL, FOOT OF EAST SIXTEENTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.**

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

The amount of security required is fifty per cent. (50%) of the amount of the bid. Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Chief Clerk of the Department of Health, southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, City of New York.

THOMAS DARLINGTON, M. D.,  
President;

ALVAH H. DOTY, M. D.,  
THEODORE A. BINGHAM,  
Board of Health.

Dated August 11, 1906. a11,28

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

**SUPREME COURT—FIRST DEPARTMENT.**

**FIRST DEPARTMENT.**

In the matter of acquiring title by The City of New York to certain lands and premises situated in the block bounded by CHRISTOPHER HUDSON, GROVE AND BEDFORD STREETS, in the Borough of Manhattan, in The City of New York, duly selected as a site for school purposes, according to law.

**NOTICE IS HEREBY GIVEN THAT** the report of Thomas C. T. Crain, Dudley Field Malone and Michael W. Rayens, Commissioners of Estimate and Appraisal, duly appointed in the above-entitled proceeding, which report bears date the 10th day of July, 1906, was filed in the office of the Board of Education of The City of New York on the 22d day of August, 1906, and a duplicate of said report was filed in the office of the Clerk of the County of New York on the same day.

Notice is further given that the said report will be presented for confirmation to the Supreme Court of the State of New York, in the First Judicial District, at Special Term, Part I, thereof, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 6th day of September, 1906, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, August 22, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
Borough of Manhattan,  
City of New York.  
a24,25

**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 THIRD AVENUE, on its easterly side from Willis Avenue to East One Hundred and Forty-ninth street, in the Twenty-third Ward, Borough of The Bronx, City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified to us at our office, Nos. 100 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 17th day of September, 1906, 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 18th day of September, 1906, at 1 o'clock p. m.

Second—That the abstracts 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 the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 24th day of September, 1906.

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 The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at the point of intersection with the westerly prolongation of the line parallel to and distant 100 feet southerly from the southerly line of East One Hundred and Forty-seventh street, with a line parallel to and 100 feet westerly from the westerly line of Courtlandt avenue; running thence northerly along said line parallel to Courtlandt avenue to its intersection with the middle line of the block between East One Hundred and Fiftyth and East One Hundred and Fifty-first streets; running thence easterly along said middle line of the blocks to its intersection with a line parallel to and 100 feet northerly from the northerly line of Westchester avenue; thence still easterly along said parallel line to its intersection with a line parallel to and 100 feet easterly from the easterly line of Bergen avenue; thence southerly along said parallel line to its intersection with a line parallel to and distant 100 feet northerly of the northerly line of East One Hundred and Forty-ninth street; thence easterly along said parallel line to its intersection with a line parallel to and distant 100 feet westerly from the westerly line of Brook avenue; thence southerly along said parallel line to its intersection with a line parallel to and 100 feet southerly from the southerly line of East One Hundred and Forty-ninth street; thence westerly along said parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Bergen avenue; thence southerly along said parallel line to its intersection with a line parallel to and 100 feet easterly from the easterly line of Willis Avenue; thence southerly along said parallel line to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of East One Hundred and Forty-seventh street; thence westerly along said line parallel to East One Hundred and Forty-seventh street, and its westerly prolongation to the point or place of beginning; excepting from said area all streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part II, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 8th day of November, 1906, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of estimate and assessment, the notice of motion to confirm our final report will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the CITY RECORD, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated, BOROUGH OF MANHATTAN, NEW YORK, June 22, 1906.

JOSEPH LIEBERTZ,  
Chairman;  
MORRIS ARNSTEIN,  
WALTER MULLER,  
Commissioners.  
a23,212

**COUNTY OF NEW YORK.**

In the matter of acquiring title by The City of New York to certain lands and premises situated on the NORTHERLY LINE OF EAST HOUSTON STREET AND THE SOUTHERLY LINE OF EAST SECOND STREET,

between Sheriff and Willett streets, in the Borough of Manhattan, City of New York, duly selected as a site for a public library according to law.

**NOTICE IS HEREBY GIVEN THAT** George Gordon Battle, Hugh Commiskey and Joseph Jacobs, Commissioners of Estimate and Appraisal in the above-entitled proceeding, will appear before the Justice of the Supreme Court, sitting at Special Term, Part II., at the County Court House, in the Borough of Manhattan, on the 29th day of August, 1906, at 11 o'clock in the forenoon, to be examined as to their qualifications to act as such Commissioners.

Dated New York, August 18, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.  
a18,29

**NEW YORK COUNTY.**

In the matter of acquiring title by The City of New York to certain lands and premises situated on the NORTHERLY SIDE OF ONE HUNDRED AND THIRTY-EIGHTH STREET, BETWEEN FIFTH AND LENOX AVENUES, in the Borough of Manhattan, duly selected as a site for school purposes according to law.

**NOTICE IS HEREBY GIVEN THAT** William F. Dalton, William J. Ellis and Solomon Heyman, Commissioners of Estimate and Appraisal in the above-entitled proceeding, will appear before the Justice of the Supreme Court, sitting at Special Term, Part II., of the Supreme Court of the State of New York, at the County Court House, in the Borough of Manhattan, on the 27th day of August, 1906, at 11 o'clock in the forenoon, to be examined as to their qualifications to act as such Commissioners.

Dated New York, August 14, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.  
a16,27

**SUPREME COURT—SECOND DEPARTMENT.**

**SECOND DEPARTMENT.**

*Croton Falls Reservoir (Reservoir "K"). First Supplemental Proceeding. Notice of Application of Appraisal.*

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

Such application will be made at a Special Term of said Court, to be held in and for the Second Judicial District, at the temporary Court-house of said Court in Long Island City, County of Queens, New York, on the seventeenth day of September, 1906, at 10.30 o'clock in the forenoon of that day or as soon thereafter as counsel can be heard.

The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York, and the other two of whom shall reside in the County or Counties in which the said real estate shall be situated, as Commissioners of Appraisal, to ascertain and appraise the compensation to be made to the owners and all persons interested in the real estate (as the term "real estate" is defined by said act) hereinafter described as proposed to be taken or affected, for the construction of a dam and reservoir for the purpose of supplying The City of New York with an increased supply of pure and wholesome water.

The real estate sought to be taken or affected is situated in the towns of Carmel and Southeast, Putnam County, and Somers, Westchester County, New York.

A statement or description of the boundaries of the real estate to be acquired herein is as follows:

All those tracts or parcels of land to be acquired in fee for the construction of the Croton Falls Reservoir (Reservoir "K"), as shown on certain maps entitled "Department of Water Supply, Gas and Electricity, Exhibit No. 1 of 1906, Property Map No. (1-2) of Additional lands required for the construction of the Croton Falls Reservoir (Reservoir "K") in the Towns of Carmel and Southeast, Putnam County, and Somers, Westchester County, New York (Second Taking)," adopted by the Aqueduct Commissioners on the 29th day of May, 1906, and filed as follows: Property Map No. 1 filed in Westchester County Register's office at White Plains, New York, August 2, 1906; Property Map No. 2 filed in Putnam County Clerk's office at Carmel, New York, August 2, 1906, which are bounded and described as follows:

**First Tract.**

Beginning at a point in the Town of Carmel and County of Putnam, in the centre of the road or highway leading from Somers to Carmel and known as Horsepond road, and at a corner of Parcel No. 3 of lands of The City of New York; and running thence north eighty-seven (87) degrees thirty (30) minutes west across and leaving said road or highway two hundred eighty-three and one-tenth (283.1) feet; thence south five (5) degrees eight (8) minutes west nine hundred eighty-nine and eight-tenths (989.8) feet to the northerly side of a lane; thence crossing said lane south fourteen (14) degrees thirty-five (35) minutes west one thousand one hundred sixty-five and seven-tenths (1,165.7) feet; thence south thirty-four (34) degrees forty-four (44) minutes east one hundred sixty-four and seven-tenths (164.7) feet; thence south thirty-six (36) degrees fifty-five (55) minutes east three hundred ninety-eight (398) feet; thence south thirty-one (31) degrees fifty-five (55) minutes west eight hundred twenty-four and five-tenths (824.5) feet to a point in the county line between the Counties of Putnam and Westchester and between the Towns of Carmel and Somers; thence along the said county line south eighty (80) degrees fifty-six (56) minutes west and crossing a stream, six hundred sixty-four and four-tenths (664.4) feet; thence leaving the said county line and into the County of Westchester and the Town of Somers, south twenty-three (23) degrees twenty-three (23) minutes west nine hundred sixty-four and eight-tenths (964.8) feet; thence north seventy-five (75) degrees fifty (50) minutes west, and crossing Greenbriar Brook, six hundred thirty-two and nine-tenths (632.9) feet; thence north eighty (80) degrees nineteen (19) minutes east



six hundred eighty and three tenths (680.3) feet to a point in the aforesaid county line; thence into the County of Putnam and the Town of Carmel the following courses and distances to the end: north two (2) degrees fourteen (14) minutes east one hundred nine and seven-tenths (109.7) feet; thence north fourteen (14) degrees four (4) minutes east one hundred sixty-five and seven-tenths (165.7) feet; thence north no (0) degrees fifty-seven (57) minutes west one hundred thirty-three and eight-tenths (133.8) feet; thence north sixty (60) degrees fifteen (15) minutes east fifteen and two-tenths (15.2) feet; thence north twenty-five (25) degrees five (5) minutes east two hundred five and seven-tenths (205.7) feet; thence north eighteen (18) degrees twenty (20) minutes east and crossing a stream, six hundred fifty-three and one-tenth (653.1) feet; thence north thirty-seven (37) degrees twenty-seven (27) minutes east one hundred thirty-two and seven-tenths (132.7) feet; thence north thirty (30) degrees fifty-one (51) minutes east two hundred forty-three and four-tenths (243.4) feet; thence north sixty-three (63) degrees thirty-nine (39) minutes west five hundred seventy-six and nine-tenths (576.9) feet; thence north one (1) degree thirty-seven (37) minutes west four hundred thirty-nine and seven-tenths (439.7) feet; thence north forty-seven (47) degrees fifty-four (54) minutes east three hundred eighty and seven-tenths (380.7) feet; thence north fifty-three (53) degrees nineteen (19) minutes east three hundred seventy-one and eight-tenths (371.8) feet; thence north four (4) degrees twenty-six (26) minutes east ninety-nine and three-tenths (99.3) feet; thence north thirteen (13) degrees five (5) minutes east four hundred forty-four and seven-tenths (444.7) feet; thence north eleven (11) degrees nine (9) minutes east eighty-three and one-tenth (83.1) feet; thence north one (1) degree fifty-one (51) minutes east six hundred thirty-eight (638) feet; thence north forty-three (43) degrees fifty-one (51) minutes west crossing a lane or right of way, crossing also a road or highway leading westerly to Union Valley, five hundred ninety-three and two-tenths (593.2) feet; thence north eighteen (18) degrees eighteen (18) minutes west crossing a road or highway leading northwesterly to Lake Mahopac and easterly to the aforesaid highway leading from Somers to Carmel eight hundred ninety-five and one-tenth (895.1) feet to a point in the boundary of lands of The City of New York; thence along the said boundary line of said lands the following courses and distances to the end: south forty-eight (48) degrees twenty-seven (27) minutes east two hundred seventy-eight and seven-tenths (278.7) feet; thence south forty-six (46) degrees thirty-nine (39) minutes east eight hundred sixteen and six-tenths (816.6) feet; thence south eighteen (18) degrees twelve (12) minutes east again crossing the last aforesaid road or highway leading northwesterly to Lake Mahopac two hundred twenty-five and five-tenths (225.5) feet to the centre of the aforesaid road or highway leading westerly to Union Valley; thence south seventeen (17) degrees forty-one (41) minutes east leaving said highway one hundred seventy-five and five-tenths (175.5) feet; thence south sixteen (16) degrees fifteen (15) minutes east two hundred twenty-nine and seven-tenths (229.7) feet; thence south forty-nine (49) degrees fifty-four (54) minutes east six hundred eighty-six and six-tenths (686.6) feet; thence north sixty-seven (67) degrees eight (8) minutes east, again crossing Greenbriar Brook, four hundred thirty-five and three-tenths (435.3) feet; thence north thirteen (13) degrees fifty-nine (59) minutes east one hundred fifty and two-tenths (150.2) feet; thence north eighty-five (85) degrees twenty-six (26) minutes east one hundred four (104) feet to a point in the centre of the first aforesaid road or highway leading from Somers to Carmel; thence along the said road or highway south twenty-six (26) degrees forty-nine (49) minutes east four hundred fifty-nine (459) feet to the point or place of beginning containing one hundred forty-nine and five hundred twenty-three thousandths (149.523) acres, of which one hundred thirty-seven and one hundred fifty nine thousandths (137.159) acres in the Town of Carmel and County of Putnam, and twelve and three hundred sixty-four thousandths (12.364) acres in the town of Somers and County of Westchester.

#### Second Tract.

Beginning at a point in the centre of a road or highway leading from Somers to Carmel, which point is a corner of lands of The City of New York lying northerly from Baker's Mill Brook and distant about one hundred forty (140) feet northerly from the bifurcation of another road or highway running easterly along the north bank of said Baker's Mill Brook, and running thence along the boundary of said lands of said City south forty (40) degrees forty-four (44) minutes west, leaving said road or highway four hundred ninety-six and five-tenths (496.5) feet; thence north fifty-two (52) degrees fifteen (15) minutes west seven hundred sixty-seven (767) feet; thence north thirty-seven (37) degrees forty-nine (49) minutes west five hundred twenty-six and five-tenths (526.5) feet; thence north forty-one (41) degrees fifty-four (54) minutes west seven hundred eighty-four and eight-tenths (784.8) feet; thence north forty-eight (48) degrees thirty-six (36) minutes west ninety and two-tenths (90.2) feet; thence leaving the said boundary of said lands north nine (9) degrees thirty-six (36) minutes east ninety and three-tenths (90.3) feet; thence north twenty-three (23) degrees forty-three (43) minutes east ninety-seven and eight-tenths (97.8) feet to the centre of another road or highway leading from the first mentioned highway northwesterly to Lake Mahopac; thence north twenty-eight (28) degrees thirty-five (35) minutes thirty (30) seconds east and leaving said highway seven hundred forty-nine and ninety-three hundredths (749.93) feet; thence north thirty-six (36) degrees thirteen (13) minutes east twenty-three and two-tenths (23.2) feet; thence north thirty-seven (37) degrees one (1) minute east three hundred ninety-two and four-tenths (392.4) feet; thence north forty-one (41) degrees fifty-seven (57) minutes east four hundred forty-nine and seven-tenths (449.7) feet; thence curving to the right with a radius of three hundred nineteen and sixty-two hundredths (319.62) feet three hundred seven (307) feet; thence south eighty-three (83) degrees four (4) minutes east three hundred fifty-five and seven-tenths (355.7) feet; thence curving to the left with a radius of seven hundred sixteen and eight-tenths (716.8) feet, nine hundred eighty and five-tenths (980.5) feet; thence north eighteen (18) degrees thirty-three (33) minutes east five and six-tenths (5.6) feet; thence south seventy (70) degrees fourteen (14) minutes east six hundred four and seven-tenths (604.7) feet to a point in the boundary of lands of The City of New York; thence along the said boundary of said lands the following courses and distances to the end: South seven (7) degrees eleven (11) minutes east crossing the first aforesaid road or highway leading from Somers to Carmel six hundred fifty-one and two-tenths (651.2) feet; thence south fifty-eight (58) degrees forty-one (41) minutes west three hundred twenty-eight and nine-tenths (328.9) feet to a point in the easterly line of said road or highway; thence south twenty-five (25) degrees ten (10) minutes west, crossing a stream below a pond, three hundred fifty-five (355) feet to a point in said road

or highway; thence south forty-six (46) degrees thirty-nine (39) minutes east, leaving said highway eight hundred eleven (811) feet; thence south twenty-seven (27) degrees twenty-eight (28) minutes east one thousand two hundred forty-one and five-tenths (1,241.5) feet; thence south seventeen (17) degrees forty-three (43) minutes thirty (30) seconds east eight hundred thirteen and three-tenths (813.3) feet; thence north fifty-seven (57) degrees thirty-seven (37) minutes west seven hundred sixty-three and four-tenths (763.4) feet; thence north eighty-one (81) degrees seven (7) minutes west one thousand five hundred eighty-nine and six-tenths (1,589.6) feet to a point in the centre of said road or highway; thence along the said highway south twenty (20) degrees twenty-nine (29) minutes west one hundred sixteen and two-tenths (116.2) feet to the point or place of beginning, containing one hundred ninety-one and one hundred seventy-nine thousandths (191.179) acres, all in the Town of Carmel.

#### Third Tract.

Beginning at a point in the Town of Carmel and in the westerly line of the Telegraph road which is opposite the centre of a road or highway which bifurcates thereat and runs easterly to Middle Branch Reservoir and Brewster, which point is also the most northwesterly corner of the boundary of lands of The City of New York, in the valley of Michael Brook; and running thence along the said westerly line of said Telegraph road and the boundary of said lands south thirty-seven (37) degrees twenty-two (22) minutes east four hundred forty-two and seven-tenths (442.7) feet; thence south forty-two (42) degrees three (3) minutes east three hundred twenty-three and four-tenths (323.4) feet; thence south thirty-eight (38) degrees three (3) minutes east two hundred and three-tenths (200.3) feet; thence leaving said westerly line of said road or highway north seventy-eight (78) degrees ten (10) minutes east twenty-two and nine-tenths (22.9) feet to the centre of the same; thence along the centre of said highway south thirty-three (33) degrees thirty-three (33) minutes east one hundred eighty-seven and six-tenths (187.6) feet; thence south twenty-four (24) degrees twelve (12) minutes east, crossing the town line and into the Town of Southeast, four hundred eighty-five and three-tenths (485.3) feet; thence south twelve (12) degrees seven (7) minutes west and leaving said highway five hundred sixty and six-tenths (560.6) feet; thence south eleven (11) degrees thirty-seven (37) minutes east five hundred forty and nine-tenths (540.9) feet to a point in the same aforesaid highway; thence south thirty-two (32) degrees forty-four (44) minutes west, leaving said highway, again crossing the town line and into the Town of Carmel, eight hundred seventy-three and five-tenths (873.5) feet; thence south one (1) degree nineteen (19) minutes west four hundred sixty-one and one-tenth (461.1) feet; thence south nine (9) degrees thirty-seven (37) minutes west three hundred eighty-four and five-tenths (384.5) feet; thence south thirty (30) degrees fifty (50) minutes west one hundred forty and two-tenths (140.2) feet; thence south thirty-eight (38) degrees fifty-three (53) minutes west one hundred fifty-one and five-tenths (151.5) feet; thence south fifty (50) degrees fifty-two (52) minutes west seven hundred forty-seven and six-tenths (747.6) feet; thence north sixty-five (65) degrees fifty-three (53) minutes west six hundred forty-five and two-tenths (645.2) feet; thence south fifty-three (53) degrees twenty-four (24) minutes west crossing a road or highway connecting the aforesaid Telegraph road with the road or highway leading from Somers to Carmel, known as Stoneleigh avenue, four hundred eight and nine-tenths (408.9) feet to the southwesterly line of said connecting highway; thence leaving said highway south thirty-six (36) degrees forty-six (46) minutes west five hundred ninety-two and five-tenths (592.5) feet; thence north twenty-seven (27) degrees fifteen (15) minutes west one hundred twenty-four and nine-tenths (124.9) feet; thence north twenty-three (23) degrees twelve (12) minutes west thirty-four and four-tenths (34.4) feet; thence north forty-nine (49) degrees eighteen (18) minutes west sixty-five and six-tenths (65.6) feet; thence north fifty-two (52) degrees twenty-eight (28) minutes west one hundred sixty and nine-tenths (160.9) feet; thence south twenty-eight (28) degrees thirty-nine (39) minutes west one hundred eighty and five-tenths (180.5) feet; thence south eighty-three (83) degrees forty-seven (47) minutes west one hundred sixty-four and eight-tenths (164.8) feet; thence south eighty-three (83) degrees thirty-five (35) minutes west two hundred eight and two-tenths (208.2) feet; thence north thirty-eight (38) degrees thirty-eight (38) minutes west six hundred seventy-two and six-tenths (672.6) feet; thence north twenty-five (25) degrees fifteen (15) minutes east five hundred ninety-one and five-tenths (591.5) feet; thence north sixteen (16) degrees forty-two (42) minutes west six hundred thirty-four and six-tenths (634.6) feet; thence leaving the boundary of lands of The City of New York south eighty-three (83) degrees twenty (20) minutes east one thousand fifty-seven (1,057) feet; thence south eighty-six (86) degrees two (2) minutes east two hundred ninety-four (294) feet; thence north thirty (30) degrees fourteen (14) minutes east three hundred seventy-three and seven-tenths (373.7) feet; thence north four (4) degrees two (2) minutes east three hundred forty-eight and seven-tenths (348.7) feet; thence north two (2) degrees thirty-three (33) minutes east five hundred ninety-nine (599) feet; thence south fifty-one (51) degrees twenty-three (23) minutes east eight hundred thirty and five-tenths (830.5) feet; thence north seventy-three (73) degrees fifty-four (54) minutes east two hundred twenty and one-tenth (220.1) feet; thence north eight (8) degrees forty-six (46) minutes west seven hundred sixty-four and three-tenths (764.3) feet; thence north seventy-five (75) degrees fifty-four (54) minutes east sixty-four and eight-tenths (64.8) feet; thence north seven (7) degrees fifty-one (51) minutes west five hundred eighty-five and three-tenths (585.3) feet; thence north eight (8) degrees thirteen (13) minutes west one thousand two hundred sixty-three and two-tenths (1,263.2) feet; thence south seventy-six (76) degrees forty (40) minutes west four hundred thirty and two-tenths (430.2) feet; thence south seventy-six (76) degrees one (1) minute west four hundred fifty-eight (458) feet to the centre of the aforesaid Stoneleigh avenue; thence along the centre of said avenue or highway north fourteen (14) degrees thirty-four (34) minutes east two hundred nineteen and four-tenths (219.4) feet; thence north ten (10) degrees nine (9) minutes east one thousand one hundred seventy-seven and nine-tenths (1,177.9) feet; thence south eighty-six (86) degrees three (3) minutes east, leaving said highway, one hundred forty-eight and seven-tenths (148.7) feet; thence north eighty (80) degrees fifteen (15) minutes east, crossing the Telegraph road, nine hundred five and five-tenths (905.5) feet to a point in Michael Brook; thence north six (6) degrees fifty-seven (57) minutes east five hundred ninety-nine and four-tenths (599.4) feet; thence north seventy-nine (79) degrees thirty-three (33) minutes east seven hundred twenty and seven-tenths (720.7) feet; thence south no (0) degrees seventeen (17) minutes east seven hundred seventy-six and six-tenths (776.6) feet; thence south fifty-two (52)

degrees fifty-three (53) minutes east, again crossing the town line and into the Town of Southeast, eight hundred one and eight-tenths (801.8) feet; thence south fifty-seven (57) degrees thirty-four (34) minutes east two hundred ninety-three and five-tenths (293.5) feet; thence curving to the left with a radius of three hundred fifty-nine and three-tenths (359.3) feet six hundred thirty-five and six-tenths (635.6) feet; thence north twenty-four (24) degrees fifty-six (56) minutes east four hundred forty-five and six-tenths (445.6) feet; thence north eighteen (18) degrees three (3) minutes east two hundred sixty-nine and three-tenths (269.3) feet; thence north forty-four (44) degrees nineteen (19) minutes east one hundred ninety-three and four-tenths (193.4) feet to a corner of the boundary lands of The City of New York in the westerly line of a road or highway leading northerly to Carmel along the westerly bank of the Middle Branch Reservoir; thence along the said westerly line of said highway and along the said boundary of said lands the following courses and distances to the end: South nine (9) degrees twenty-six (26) minutes west seventy-one and three-tenths (71.3) feet; thence south forty-two (42) degrees fifty-eight (58) minutes east forty-nine and nine-tenths (49.9) feet; thence leaving said highway south seven (7) degrees seventeen (17) minutes west and crossing the last said highway one thousand two hundred thirty-eight and six-tenths (1,238.6) feet; thence south twenty-six (26) degrees thirty-four (34) minutes west one thousand three hundred eighty and one-tenth (1,380.1) feet; thence south eighty-six (86) degrees thirty-five (35) minutes west three hundred thirty-eight and three-tenths (338.3) feet to the centre of a road or highway on the easterly side of Michael Brook and leading southerly to the Middle Branch of Croton River; thence along the centre of said road or highway north twenty-four (24) degrees fifty-eight (58) minutes west five hundred one and two-tenths (501.2) feet; thence north forty-one (41) degrees twelve (12) minutes west eighty-two and one-tenth (82.1) feet; thence north fifty-one (51) degrees no (0) minutes west four hundred three and three-tenths (403.3) feet; thence north thirty-two (32) degrees five (5) minutes west sixty-four and seven-tenths (64.7) feet; thence north fifty-four (54) degrees thirteen (13) minutes west leaving said highway again crossing the town line and into the Town of Carmel five hundred sixty-eight and seven-tenths (568.7) feet to a point in the aforesaid road bifurcating from the Telegraph road and leading easterly to Middle Branch Reservoir and Brewster; thence along the centre of said road or highway south eighty-three (83) degrees twenty-four (24) minutes west and again crossing Michael Brook three hundred sixty-five and seven-tenths (365.7) feet to the point or place of beginning, containing three hundred seven and five hundred sixty-two thousandths (307.562) acres, of which two hundred fifty and two hundred nineteen thousandths (250.219) acres in the Town of Carmel and fifty-seven and three hundred forty-three thousandths (57.343) acres in the Town of Southeast.

#### Fourth Tract.

Beginning at a corner of lands of The City of New York, which point is the northwesterly corner of Parcel No. 9 of said lands, and running thence, along the boundary of said lands of said City the following courses and distances: north twenty-seven (27) degrees five (5) minutes east three hundred thirty-two and three-tenths (332.3) feet; thence north twenty-five (25) degrees forty-five (45) minutes east seven hundred ninety-nine and three-tenths (799.3) feet; thence north seven (7) degrees fifty-seven (57) minutes west five hundred eighty-one and eight-tenths (581.8) feet to an intersection of roads or highways at a point about two hundred fifty-five (255) feet east of a crossing of the Middle Branch of Croton River south of the confluence of said branch and Michael Brook; thence along the centre of the highway leading northerly from said crossing, north three (3) degrees thirty-four (34) minutes east three hundred ninety-seven and four-tenths (397.4) feet; thence north fifty-one (51) degrees seven (7) minutes east leaving said highway seven hundred eighteen and five-tenths (718.5) feet; thence north thirty-eight (38) degrees forty-two (42) minutes east one thousand five hundred seventy-six and four-tenths (1,576.4) feet; thence north two (2) degrees thirteen (13) minutes east one thousand five hundred seventy-nine and two-tenths (1,579.2) feet; thence north nine (9) degrees thirty-eight (38) minutes west eighteen hundredths (0.18) feet to the northerly line of a road or highway leading easterly to Brewster and westerly to a crossing of the said Middle Branch south of Middle Branch Reservoir Fountain; thence leaving the said boundary of lands of The City of New York and running easterly on a curve to the right with a radius of five hundred forty-six and seven-tenths (546.7) feet crossing said road or highway, two hundred eighty-eight and seven-tenths (288.7) feet; thence compounding on a curve to the right with a radius of one thousand four hundred fifty-seven and two-tenths (1,457.2) feet, eight hundred twenty-nine and one-tenth (829.1) feet; thence again compounding on a curve to the right with a radius of nine hundred seventy-three (973) feet, five hundred fifty-five and three-tenths (555.3) feet; thence south eleven (11) degrees forty-nine (49) minutes west one hundred twenty and five-tenths (120.5) feet; thence south forty-four (44) degrees twenty (20) minutes west two hundred fifty and seven-tenths (250.7) feet; thence on a curve to the left with a radius of five hundred seventy-three and seven-tenths (573.7) feet, two hundred and seven-tenths (207.7) feet; thence south twenty-four (24) degrees fifteen (15) minutes west, three hundred sixty-six and seven-tenths (366.7) feet; thence south forty-five (45) degrees three (3) minutes west six hundred thirty-three and three-tenths (633.3) feet; thence curving to the left with a radius of three hundred nineteen and six-tenths (319.6) feet, three hundred seventy-two and four-tenths (372.4) feet; thence south twenty-one (21) degrees forty-two (42) minutes east one hundred eleven and nine-tenths (111.9) feet; thence south twenty (20) degrees thirty-two (32) minutes west three hundred fifty and one-tenth (350.1) feet; thence south eighty-nine (89) degrees nineteen (19) minutes east five hundred forty-two and seven-tenths (542.7) feet; thence south forty-five (45) degrees thirty-nine (39) minutes west two hundred eighty and eight-tenths (280.8) feet; thence south thirty-one (31) degrees fifty-one (51) minutes west five hundred forty-seven and four-tenths (547.4) feet; thence south thirty-one (31) degrees one (1) minute west, one hundred thirty-nine and one-tenth (139.1) feet; thence south thirty-two (32) degrees forty-seven (47) minutes west ninety-five and eight-tenths (95.8) feet; thence south twenty-seven (27) degrees thirty-eight (38) minutes west crossing a road or highway leading from Carmel to Brewster, two hundred ninety-six (296) feet to the most northerly corner of Parcel No. 10 of lands of The City of New York; thence along the boundary of said lands of said city the following courses and distances to the end: south twenty-eight (28) degrees fifty-nine (59) minutes west two hundred fifty-two and three-tenths (252.3) feet; thence south twelve (12) degrees three (3) minutes west, six hundred seventy-four and six-tenths (674.6) feet; thence north eighty-six (86) degrees twenty (20) minutes west one thousand

three hundred twenty-one and four-tenths (1,321.4) feet to the point or place of beginning, containing one hundred twenty-one and eight hundred sixty-thousandths (121.860) acres, all in the Town of Southeast.

#### Fifth Tract.

Beginning at a point in the easterly right of way line of the New York and Harlem Railroad, which point is the most northerly corner of Parcel No. 14 of lands of The City of New York, and running thence along the said easterly right of way line of said railroad, on a curve to the left with a radius of two thousand three hundred twenty-seven (2,327) feet, three hundred eighty and four-tenths (380.4) feet; thence north forty-three (43) degrees nine (9) minutes east one hundred one and seven-tenths (101.7) feet; thence curving to the left with a radius of two thousand three hundred and thirty-two (2,332) feet, seventy-eight and six-tenths (78.6) feet to a corner of lands of The City of New York; thence along the boundary of said lands of said city south twenty-three (23) degrees thirty-one (31) minutes west five hundred seventy-six and four-tenths (576.4) feet; thence north fifty-one (51) degrees twenty (20) minutes west two hundred seven and two-tenths (207.2) feet to the point or place of beginning, containing one and one hundred ninety thousandths (1.190) acres, all in the Town of Southeast.

#### Sixth Tract.

Beginning at a corner of lands of The City of New York, which point is the most northerly corner of Parcel No. 15 of said lands and lies in the easterly line of the Croton turnpike, and running thence along the boundary of said lands of said City: north thirty-three (33) degrees thirteen (13) minutes east crossing said road or highway and crossing a brook, six hundred eleven and three-tenths (611.3) feet; thence north forty-three (43) degrees four (4) minutes east one thousand three hundred fifteen and one-tenth (1,315.1) feet; thence north sixty-nine (69) degrees nine (9) minutes east four hundred thirty-two and five-tenths (432.5) feet to the northwesterly line of said highway; thence north fifty-seven (57) degrees eleven (11) minutes east one thousand three hundred eighteen and seven-tenths (1,318.7) feet; thence north seventy-five (75) degrees twenty-two (22) minutes east sixty-five and two-tenths (65.2) feet; thence north sixty (60) degrees forty-nine (49) minutes east one hundred fifty-six and three-tenths (156.3) feet; thence north sixty (60) degrees thirty-nine (39) minutes east sixty-nine (69) feet; thence north fifty-nine (59) degrees twenty-six (26) minutes east one hundred twenty-six and one-tenth (127.1) feet; thence north fifty-nine (59) degrees no (0) minutes east eighty-three and one-tenth (83.1) feet; thence north twenty-nine (29) degrees one (1) minute west one hundred sixty-six (166) feet to the southeasterly line of said highway; thence along said southeasterly line of said highway, north sixty-seven (67) degrees sixteen (16) minutes east one hundred twenty-four and nine-tenths (124.9) feet; thence north sixty-four (64) degrees forty-five (45) minutes east two hundred fourteen (214) feet; thence north sixty-one (61) degrees forty-five (45) minutes east one hundred seventy and one-tenth (170.1) feet; thence leaving said highway, north seventy-five (75) degrees one (1) minute east five hundred ninety (590) feet; thence leaving the said boundary of lands of The City of New York south twenty-seven (27) degrees thirty (30) minutes west two hundred sixty-seven and one-tenth (267.1) feet; thence south seventy-three (73) degrees twenty-nine (29) minutes west three hundred fifty-nine and eight-tenths (359.8) feet; thence south forty-nine (49) degrees fifty-five (55) minutes west four hundred thirty and six-tenths (430.6) feet; thence south fifty-two (52) degrees forty-three (43) minutes west six hundred sixty and nine-tenths (660.9) feet; thence curving to the left with a radius of one thousand one hundred forty-six and three-tenths (1,146.3) feet six hundred thirty-three and four-tenths (633.4) feet; thence south twenty-one (21) degrees three (3) minutes west one hundred twenty and nine-tenths (120.9) feet; thence curving to the right with a radius of three hundred nineteen and six-tenths (319.6) feet, and crossing a brook, three hundred fifty-four (354) feet; thence south eighty-four (84) degrees thirty-one (31) minutes west eight and six-tenths (8.6) feet; thence curving to the left with a radius of three hundred nineteen and six-tenths (319.6) feet, one hundred sixty and two-tenths (160.2) feet; thence south fifty-five (55) degrees forty-eight (48) minutes west four hundred twenty-four and seven-tenths (424.7) feet; thence curving to the left with a radius of one thousand four hundred thirty-two and seven-tenths (1,432.7) feet, two hundred forty-three and eight-tenths (243.8) feet; thence south forty-six (46) degrees three (3) minutes west nine hundred twenty-eight (928) feet; thence curving to the left with a radius of two hundred twenty-two and three-tenths (222.3) feet two hundred twenty-six and six-tenths (226.6) feet; thence south twelve (12) degrees twenty-one (21) minutes east eight and eight-tenths (8.8) feet; thence curving to the right with a radius of two hundred twenty-two and three-tenths (222.3) feet, three hundred forty-one and eight-tenths (341.8) feet; thence south seventy-five (75) degrees forty-five (45) minutes west thirty-three and five-tenths (33.5) feet to a corner of lands of The City of New York; thence along the boundary of said lands of said city, north fifty-seven (57) degrees thirty-five (35) minutes west five hundred ninety-four and eight-tenths (594.8) feet to the point or place of beginning, containing fifty and eight hundred eighty-seven thousandths (50.887) acres, all in the Town of Southeast.

#### Seventh Tract.

Beginning at a point in the southeasterly right of way line of the New York and Harlem Railroad, distant about one hundred and seventeen (117) feet northeasterly from the most northerly corner of the Fifth Tract above described, which point is also a corner of the boundary of lands of The City of New York, and running thence along the said right of way line of said railroad north twenty-nine (29) degrees thirty-nine (39) minutes east three and three-tenths (3.3) feet; thence north thirty-five (35) degrees one (1) minute east nine hundred one and eight-tenths (901.8) feet; thence north forty-two (42) degrees twenty (20) minutes east ninety-eight and seven-tenths (98.7) feet; thence north fifty-three (53) degrees fifty-five (55) minutes east one hundred and four-tenths (100.4) feet; thence north forty-one (41) degrees three (3) minutes east, sixteen and two-tenths (16.2) feet to a point in the centre of a brook; thence south forty-eight (48) degrees thirty-six (36) minutes east along said brook ten (10) feet; thence on a curve to the right with a radius of one thousand eight hundred thirty-five (1,835) feet and leaving said brook three hundred seventy and two-tenths (370.2) feet to the southerly line of a road or highway leading from Brewster to Carmel; thence north twelve (12) degrees forty-three (43) minutes west crossing said highway forty-nine and three-tenths (49.3) feet to the northerly line of the same; thence along the said northerly line of said highway north sixty-eight (68) degrees fifty (50) minutes east one hundred two and three-tenths (102.3) feet; thence north fifty-nine



(59) degrees three (3) minutes east ninety-eight and six-tenths (98.6) feet; thence north sixty-six (66) degrees twenty-three (23) minutes east ninety-nine and five-tenths (99.5) feet; thence north seventy-one (71) degrees nineteen (19) minutes east fifteen and eight-tenths (15.8) feet; thence leaving said highway north no (0) degree one (1) minute west fifty-four and six-tenths (54.6) feet; thence on a curve to the right with a radius of three thousand seven hundred eighty-five (3,785) feet, two hundred thirty-four and two-tenths (234.2) feet; thence compounding on a curve to the right with a radius of one thousand eight hundred seventy-five (1,875) feet, three hundred ninety-three and six-tenths (393.6) feet; thence north seventy-four (74) degrees eight (8) minutes east one hundred ninety-five and seven-tenths (195.7) feet; thence curving to the left with a radius of one thousand nine hundred forty-five (1,945) feet, ninety-one and seven-tenths (91.7) feet to a corner of lands of The City of New York; thence leaving the said right of way line of the New York and Harlem Railroad and along the boundary of lands of The City of New York the following courses and distances to the end: south twenty-one (21) degrees one (1) minute east seventy-nine and nine-tenths (79.9) feet; thence south forty-three (43) degrees thirty-two (32) minutes west and crossing the aforesaid road or highway two hundred twenty-six and seven-tenths (226.7) feet to the southerly line of the same; thence south ten (10) degrees six (6) minutes east ninety-seven and nine-tenths (97.9) feet; thence south seventy (70) degrees six (6) minutes west seven hundred forty-six and four-tenths (746.4) feet; thence south forty-eight (48) degrees thirty-one (31) minutes west one thousand three hundred eighty-seven and three-tenths (1,387.3) feet to the point or place of beginning, containing eleven and eight hundred twenty-six thousandths (11.826) acres, all in the Town of Southeast.

#### Eighth Tract.

Beginning at a corner of lands of The City of New York marked by a monument and distant six hundred sixty-four and eighty-eight hundredths (664.88) feet from the intersection of the northerly lines of the Croton turnpike and the Turk Hill road as measured along the boundary of said lands; and running thence along the boundary of said lands of said City north seventy-six (76) degrees forty-one (41) minutes east five hundred eight and nine-tenths (508.9) feet; thence leaving the said boundary of said lands south forty-six (46) degrees fifty-eight (58) minutes west eight hundred forty-four (844) feet to a point again in the boundary of lands of The City of New York; thence along the said boundary of said lands north fourteen (14) degrees fifty-one (51) minutes east four hundred seventy-four and five-tenths (474.5) feet to the point or place of beginning, containing two and four hundred and forty-three thousandths (2.443) acres, all in the Town of Southeast.

The eight tracts above described have an aggregate area of eight hundred thirty-six and four hundred seventy thousandths (836.470) acres of which five hundred seventy-eight and five hundred fifty-seven thousandths (578.557) acres in the Town of Carmel and two hundred forty-five and five hundred forty-nine thousandths (245.549) acres in the Town of Southeast, or a total of eight hundred twenty-four and one hundred six thousandths (824.106) acres in the County of Putnam and twelve and three hundred sixty-four thousandths (12.364) acres in the Town of Somers, County of Westchester.

All the real estate within the boundaries of the several tracts above described is to be acquired in fee and includes the parcels enumerated and shown on said maps as follows: Parcels Nos. 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68 and 69.

#### Ninth Tract.

A statement or description of the boundaries of the land or real estate in which an easement is to be acquired by this proceeding is as follows: Ninth Tract—Designated as Parcel No. 70 on said maps hereinbefore referred to filed in Westchester County Register's Office at White Plains, New York, August 2, 1906, and in the Putnam County Clerk's Office on August 2, 1906, being a portion of the right of way of the New York and Harlem Railroad lying northerly from the road or highway leading from Carmel to North Salem, bounded and described as follows:

Beginning at a point in said road or highway which is the southeasterly corner of Parcel No. 13 of lands of The City of New York and is also in the westerly right of way line of said railroad, and running thence, along the boundary of said lands of said City and along the said right of way line of said railroad, on a curve to the right with a radius of two thousand four hundred and forty (2,440) feet, two hundred fifty-one and one-tenth (251.1) feet; thence north thirty (30) degrees thirteen (13) minutes east one hundred one and three-tenths (101.3) feet; thence on a curve to the right with a radius of two thousand four hundred and thirty-five (2,435) feet, one hundred two and eight-tenths (102.8) feet; thence leaving the said boundary of said lands and crossing the right of way of said railroad, south fifty-eight (58) degrees fifty-seven (57) minutes east fifty (50) feet to the easterly line of said right of way and to a point again in the boundary of lands of The City of New York; thence along the said right of way line and along the boundary of said lands on a curve to the left with a radius of two thousand three hundred eighty-five (2,385) feet, one hundred ninety-nine and eight-tenths (199.8) feet; thence south twenty-two (22) degrees five (5) minutes west ninety-nine (99) feet; thence south nineteen (19) degrees forty-four (44) minutes west, and leaving the said boundary of said lands, one hundred twenty-four and one-tenth (124.1) feet to a point in the aforesaid road or highway; thence along the said highway and again crossing the right of way of said railroad, north eighty-seven (87) degrees fifty-five (55) minutes west sixty-nine and five-tenths (69.5) feet to the point or place of beginning, containing five hundred and seventy-three thousandths (0.573) acres, all in the Town of Southeast.

Reference is hereby made to the said maps filed as aforesaid in the said offices of the Register of Westchester County and of the Clerk of Putnam County for a more detailed description of the said real estate to be taken or affected within the boundaries as above stated.

In all cases where the property sought to be acquired is used for railroad, highway or for other public purposes, the persons or corporations owning such real estate or claiming interest therein shall be allowed the use for such purposes of the said real estate until such time as The City of New York shall have the legal right to take possession of, close or change the same.

Dated this 1st day of August, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
New York City.

83,10,17,24,31,27,14

### SECOND JUDICIAL DISTRICT.

In the matter of the petition of Thomas F. Gilroy, Commissioner of Public Works of The City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and the Laws amendatory thereof, on behalf of the Mayor, Aldermen and Commonalty of The City of New York, for the appointment of Commissioners of Appraisal under said act.

Cornell Dam, Eighth Supplemental Proceeding.—Notice of Filing and of Motion to Confirm Eleventh Separate Report.

**PUBLIC NOTICE IS HEREBY GIVEN** that the Eleventh Separate Report of Daniel O'Connell, William Murray and Edmund G. Sutherland, Commissioners of Appraisal in the above entitled matter, was filed in the office of the Clerk of the County of Westchester, at White Plains, in said county, on the 7th day of July, 1906.

Notice is further given that the Eleventh Separate Report includes and affects the parcels of land designated as Nos. 17, 55, 56, 74½, 78½, part of 104, 112, 127, 177, 178, 189, 252, 530, 560, 562, 563, 575, 591 (claim of Aaron B. Whitlock), and the claim of Louis Mandone, Lessee Parcel No. 17.

Notice is further given that an application will be made at a Special Term of the Supreme Court of the State of New York, to be held in and for the Second Judicial District, at the Court House, in the Borough of Brooklyn, City of New York, County of Kings, on the 4th day of September, 1906, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard, for an order confirming said report, and for such other and further relief as may be just.

Dated New York, August 1, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.  
83,10,17,24,31

### SECOND JUDICIAL DISTRICT.

In the matter of the application of The City of New York to acquire certain real estate in the Towns of Lewisboro, Poundridge and Bedford, Westchester County, New York, under chapter 490 of the Laws of 1883 and the Laws amendatory thereof, for the purpose of a dam and reservoir on Cross river and for the purpose of supplying The City of New York with an increased supply of pure and wholesome water.

Cross River Dam and Reservoir, Second Division.—Notice of Filing and of Motion to Confirm Fifth Separate Report.

**PUBLIC NOTICE IS HEREBY GIVEN** that the Fifth Separate Report of Francis Larkin, Charles Brandt, Jr., and John J. Brown, Commissioners of Appraisal in the above entitled matter, was filed in the office of the Clerk of the County of Westchester, at White Plains, in said county, on the 9th day of July, 1906.

Notice is further given that the Fifth Separate Report includes and affects the parcels of land designated as Parcels Nos. 41, 47, 64, 68, 76 and 76½ in said proceeding.

Notice is further given that an application will be made at a Special Term of the Supreme Court of the State of New York, to be held in and for the Second Judicial District, at the Court House, in the Borough of Brooklyn, City of New York, County of Kings, on the 4th day of September, 1906, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard, for an order confirming said report and for such other and further relief as may be just.

Dated New York, August 1, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.  
83,10,17,24,31

### SECOND JUDICIAL DISTRICT.

In the matter of acquiring title by The City of New York to certain lands and premises situated on TILLARY, BRIDGE AND LAWRENCE STREETS, in the Borough of Brooklyn, in The City of New York, duly selected as a site for school purposes, according to law.

**NOTICE IS HEREBY GIVEN THAT** George B. Abbott, Isaac F. Russell and Edward C. Dowling, Commissioners of Estimate in the above entitled proceeding, have made and signed their final report herein and on August 17, 1906, filed the same in the office of the Board of Education of The City of New York, at Park Avenue and Fifty-ninth street, Borough of Manhattan, in The City of New York, and on the same day filed a duplicate of said report in the office of the Clerk of Kings County, in the Hall of Records, in the Borough of Brooklyn, in The City of New York, and that said report will be presented for confirmation to the Supreme Court at Special Term for hearing of motions, to be held in the County Court House, in Kings County, on August 29, 1906, at 10.30 o'clock a. m., or as soon thereafter as counsel can be heard.

Dated Borough of Brooklyn, City of New York, August 17, 1906.

JOHN J. DELANY,  
Corporation Counsel.  
a16,88

### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to AVENUE T, from Coney Island Avenue to Ocean Parkway, in the Thirty-first 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 1st day of December, 1905, 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 13th day of December, 1905, and indexed in the Index of Conveyances in Section 21,

Blocks 7088, 7089, 7090, 7091, 7109, 7110, 7111, 7112, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss and 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 10th day of September, 1906, 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 and 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, August 16, 1906.

PETER W. OSTRANDER,  
HARRY H. DALE,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.  
a16,88

### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to FORTY-SIXTH STREET, from Twelfth Avenue to Seventeenth Avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE**, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 1st day of December, 1905, 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 13th day of December, 1905, and indexed in the Index of Conveyances in Section 17, Blocks 5616, 5617, 5618, 5622, 5623, 5624, 5433, 5434, 5436, 5437, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss and 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 September, 1906, 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 and 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, August 16, 1906.

PETER J. HUBERTY,  
JOHN J. BRENNAN,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.  
a16,88

### KINGS COUNTY.

In the matter of acquiring title by The City of New York to certain lands and premises bounded by OCEAN PARKWAY, AVENUE Y, EAST SIXTH STREET, CANAL AVENUE AND CONEY ISLAND CREEK, in the Borough of Brooklyn, in The City of New York, excepting therefrom lands now owned by The City of New York, duly selected for the Department of Public Charities, according to law.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate in the above-entitled matter, appointed pursuant to the provisions of the statutes relating thereto, hereby give notice to the owner or owners, lessee or lessees, parties or persons respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners,

lessees, parties and persons interested in the lands or premises affected by this proceeding or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Department of Public Charities of The City of New York, at foot of East Twenty-sixth street, in the Borough of Manhattan, City of New York, for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate, and who may object to the same or any part thereof, may, within ten days after the first publication of this notice, August 14, 1906, file their objections to such estimate, in writing, with us, at our office, No. 166 Montague street, in the Borough of Brooklyn, in said City, as provided by statute, and that we, the said Commissioners, will hear parties so objecting at our said office on the 29th day of August, 1906, at 3 o'clock in the afternoon, and upon such subsequent days as may be found necessary.

Dated the Borough of Brooklyn, City of New York, August 14, 1906.

ALBERT E. BRADBURY,  
HARRY B. BRADBURY,  
Commissioners.

GEORGE T. RIGGS,  
Clerk.  
a14,24

### COUNTY OF RICHMOND.

In the matter of acquiring title by The City of New York to certain lands and premises situated on the SOUTHERLY LINE OF HYATT STREET, the EASTERLY LINE OF CENTRAL AVENUE, and the WESTERLY LINE OF STUYVESANT STREET, in the Borough of Richmond, in The City of New York, duly selected as a site for a public library, according to law.

**NOTICE IS HEREBY GIVEN THAT ALBERT E. Hadlock, Theodore H. Spratt and J. Henry Tiernan, Commissioners of Estimate and Appraisal in the above entitled proceeding, will appear before the Justice of the Supreme Court sitting at Special Term for the hearing of motions, at the County Court House in the Borough of Brooklyn, on the 24th day of August, 1906, at 10.30 o'clock in the forenoon, to be examined as to their qualifications to act as such commissioners.**

Dated New York, August 7, 1906.

JOHN J. DELANY,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
New York City.  
a13,24

### PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

#### NOTICE TO CONTRACTORS.

#### GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless, as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately. The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

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

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.